APPENDIX A

NOTICE OF PREPARATION AND COMMENT LETTERS

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

Planning, Building and Code Enforcement
CHRISTOPHER BURTON, DIRECTOR

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE GOOD SAMARITAN HOSPITAL PROJECT

FILE NO:	PDC22-132
PROJECT APPLICANT:	HCA Healthcare (Attn: Nicholas Paul)
APNs:	421-36-009 and 421-36-011

Project Description: The project proposes to rezone the project site to a Commercial General Planned Development CG(PD) Zoning District to allow for the expansion of the existing Good Samaritan Hospital. The anticipated project would result in the construction of two new hospital wings totaling approximately 715,000 square feet, an approximately 200,000 square foot medical office building, a new heliport, two new parking garage structures totaling approximately 720,000 square feet, and one level of subterranean parking.

Location: The approximately 20-acre site is comprised of two parcels located in southwestern portion San José. The site is located at 2425 Samaritan Drive and 2333 Samaritan Place near the borders to the Town of Los Gatos and the City of Campbell.

As the Lead Agency, the City of San José will prepare an Environmental Impact Report (EIR) for the project summarized above. The City welcomes your input regarding the scope and content of the environmental information that is relevant to your area of interest, or to your agency's statutory responsibilities in connection with the proposed project. If you are affiliated with a public agency, this EIR may be used by your agency when considering subsequent approvals related to the project.

A **joint community and environmental public scoping meeting** for this project will be held:

When: Thursday, June 15, 2023 from 6:00 to 7:30 p.m.
Where: Via Zoom (see instructions below and on www.sanjoseca.gov/activeeirs)

The project description, location, and probable environmental effects to be analyzed in the EIR for the project can be found on the City's Active EIRs website at www.sanjoseca.gov/activeeirs, including the EIR Scoping Meeting information. According to State law, the deadline for your response is 30 days after receipt of this notice, and responses provided before the 30-day deadline are always welcome. The City will accept comments on the scope of the EIR until **5:00 p.m. on Wednesday, July 5, 2023**. If you have comments on this Notice of Preparation (NOP), please identify a contact person from your organization, and send your response via mail or email to:

City of San José, Department of Planning, Building and Code Enforcement

Attn: Bethelhem Telahun, Environmental Project Manager
200 East Santa Clara Street, 3rd Floor Tower
San José, CA 95113-1905
E-mail: Bethelhem.Telahun@sanjoseca.gov

Christopher Burton, Director
Planning, Building and Code Enforcement

Tina Garg Digitally signed by Tina Garg
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Deputy

NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT
FOR GOOD SAMARITAN HOSPITAL PROJECT
JUNE 2023

Introduction

The purpose of an Environmental Impact Report (EIR) is to inform decision-makers and the general public of the environmental effects of a proposed project that an agency may implement or approve. The EIR process is intended to provide sufficient information to evaluate a project and its potential for significant impacts on the environment; to identify methods of reducing adverse impacts; and to consider alternatives to the project.

The City of San José will be the lead agency and will prepare and process the EIR for the Good Samaritan Hospital Project (Project) in accordance with the California Environmental Quality Act (CEQA) of 1970, as amended. In accordance with the requirements of CEQA, the EIR will include the following:

- Table of Contents;
- A summary of the Project and its impacts;
- A Project description;
- A description of the existing environmental setting, environmental impacts, and mitigation measures for the Project;
- Alternatives to the Project as proposed; and
- Environmental consequences, including (a) any significant environmental effects which cannot be avoided if the Project is implemented; (b) any significant irreversible and irretrievable commitments of resources; (c) the growth inducing impacts of the Project; and (d) cumulative impacts.

The Notice of Preparation solicits guidance from agencies as to the scope and content of the environmental information to be included in the Good Samaritan Hospital Project EIR. The City of San José as the Lead Agency requests the views of your agency as to the scope and content of the environmental information that is germane to your agency's statutory responsibilities in connection with the Project. Your agency will need to use the EIR prepared by our agency when considering your permit to other approval for the Project.

Due to limits mandated by State law, your response must be sent at the earliest possible date but no later than 30 days after receipt of this notice.

Project Location

The approximately 20-acre Project site is located at 2425 Samaritan Drive and 2333 Samaritan Place (Assessor Parcel Numbers (APNs) 421-36-009 and 421-36-011) in the City of San Jose, County of Santa Clara, California; see **Figure 1 and 2**. The Project site is bounded by SR-85 to the north, Samaritan Place to the east, Samaritan Drive to the south, and the Samaritan Medical Center to the west. The Project site is within the southwestern portion of the City, approximately 0.25-mile east of the Town of Los Gatos border and approximately 0.20-mile southeast of the City of Campbell.

Existing Conditions

The project site is located in an urban area with a mix of medical office and clinics, single-family, and multi-family residential developments.

Adjacent and surrounding land uses include the following:

North Eastbound on-ramp to SR-85.

East Multi-family residences (Cambrian Center, and Redwood Collection at Parkwood).

South Medical offices.

West Medical office complex with surface parking (Samaritan Medical Center).

The Project site is currently developed as the Good Samaritan Hospital campus, as shown in **Figure 3**. Specifically, the existing hospital building is divided into two different wings: main building with emergency operations totaling approximately 359,000 square feet, (Building A on **Figure 3**) and a women's and children's services wing totaling approximately 85,000 square feet (Building B on **Figure 3**). The hospital campus also contains a day care center totaling approximately 6,700 square feet. In total, the existing hospital campus totals approximately 450,700 square feet. The Good Samaritan Hospital currently has one permitted 45 square foot heliport with one touchdown and liftoff area (TLOF) (helipad) on the northwest corner of the Project site that accommodates the transportation of up to 125 patients per year.[1]

There are currently four driveways on Samaritan Drive providing access to the Project site. The Project site has existing landscaping along all site boundaries and throughout surface parking areas. There is existing utility access (water and sewer, stormwater management, dry utilities and solid waste management) to the Project site. Finally, the Project site has existing site lighting for security and wayfinding.

The Project site has a General Plan land use designation of Neighborhood Community Commercial (NCC) as shown in **Figure 4**. The NCC designation allows for commercial uses serving communities in neighboring areas, including general office and hospitals. The Project site is zoned A(PD) Agricultural Planned Development Zoning District, as shown in **Figure 5**. Allowable uses under the current PD Zoning (File No. PDC01-063) include:

- All permitted medical office uses in the CO – Commercial Office Zoning District.
- Heliport uses related to the transportation of patients.
- Conditional uses related to Health Service uses of the CO – Commercial Office Zoning District shall be subject to a Planned Development permit as described in Chapter 20.100 of the City of San José Zoning Ordinance ("Administration and Permits").
- Hospital uses and 24-hour uses are allowed by right with no additional review

[1] California Code of Regulations (CCR), Title 21, Airports and Heliports, defines a heliport as, "an area of land, water, or structure used or intended to be used for the landing and takeoff of helicopters." Typical hospital and corporate heliport landing areas meet this definition and are therefore heliports. A helipad is a touchdown and liftoff area (TLOF), defined by the Federal Aviation Administration (FAA) as, "a load-bearing, generally paved area, normally centered in the FATO, on which the helicopter lands, and/or takes off." While the heliport refers to the landing pad and surrounding area and equipment, the helipad or TLOF is the actual prepared surface upon which a helicopter lands.

required by the Director of Planning, Building and Code Enforcement.

- A Subsequent Planned Development Permit will be required prior to the use of the Hospital as a trauma center. Evidence of approval by the Department of Health Services shall be provided.
- Incidental Uses – Incidental uses, including the gift shop, flower shop, cafeteria, news stand, etc. shall abide by the City of San Jose Zoning Ordinance Section 20.40.110 ("Commercial Zoning Districts and Public/Quasi-Public Zoning District, Incidental uses, office") and are allowed by right with no review required by the Director of Planning, Building and Code Enforcement.

Project Background

Good Samaritan Hospital has served the City of San José and greater Bay Area for over 50 years since its opening in 1965. The hospital operates a heart attack receiving center, emergency department, orthopedics department, cardiovascular department, neurosciences department, and a women's and children's services department including a Level 3 neonatal intensive care unit.

The 1971 San Fernando earthquake, also known as the Sylmar earthquake, caused the collapse of several hospital buildings, endangering the lives of patients in those hospitals at the time and rendered the hospitals incapable of providing emergency care to people injured in the earthquake. As a result, the California State legislature passed the Alfred E. Alquist Hospital Seismic Safety Act and, since 1973, all hospital construction has been governed by the provisions of that legislation. The Alfred E. Alquist Hospital Seismic Safety Act's title was changed to the Alfred E. Alquist Hospital Facilities Seismic Safety Act in 1983. Senate Bill 1953 (SB 1953) was an amendment and in furtherance of the Alfred E. Alquist Hospital Facilities Seismic Safety Act, signed into law following the 1994 Northridge earthquake. SB 1953 requires all California acute care hospitals to meet structural and nonstructural seismic strengthening requirements by the established deadlines of January 1, 2002, 2008, and 2030. Good Samaritan Hospital has complied with the 2002 and 2008 seismic mandates under SB 1953, with construction of new seismically compliant hospital additions and improvements and retrofits in recent years.

The existing main hospital building (Building A) that contains the acute hospital care was built in 1971, prior to the adoption of the Alquist Hospital Seismic Safety Act of 1983 and SB 1953 in 1994. Building A has a Structural Performance Category (SPC) of 2. According to the California Department of Health Care Access and Information, SPC 2 rated structures do not significantly jeopardize life, but may not be repairable or functional following strong ground motion.[2] These buildings must be brought into compliance with the structural provisions of the Alquist Hospital Facilities Seismic Safety Act, including its regulations and its retrofit provisions, by January 1, 2030, or be removed from acute care service. Therefore, Building A will be removed from providing general acute care services by January 1, 2030. As a result, acute hospital care needs to be relocated to a compliant SPC 5 rated structure prior to January 1, 2030. SPC 2 buildings, such as Building A, may contain hospital support services after January 1, 2030. Building B that contains the women's and children's center has an SPC of 5 and would continue to provide general acute care services after January 1, 2030.

[2] California Department of Health Care Access and Information (HCAI). Seismic Performance Ratings: Structural Performance Category (SRC) Ratings and Definitions. Available at: https://hcai.ca.gov/construction-finance/seismic-compliance-and-safety/seismic-performance-ratings/

Seismic compliance for acute hospital requirements under SB 1953 is the primary factor for the Project. Other legislative requirements (for example, the Americans with Disabilities Act(ADA)), updated hospital care guidelines, and the changes in the healthcare industry are also contributing factors to the need for the Project.

Project Description

"Project," as defined by the State CEQA Guidelines, means "the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment." (14 CCR §15378[a]). A project includes "[a]n activity involving the issuance to a person of a lease, permit, license, certificate, or other entitlement for use by one or more public agencies." (14 CCR §15378[a]).

The Project would expand the existing Good Samaritan Hospital at 2425 Samaritan Drive and 2333 Samaritan Place in the City of San José. Seismic compliance for acute hospital requirements under Senate Bill (SB) 1953 is the Project's primary purpose. Other legislative requirements such as those in the ADA, updated hospital care guidelines, and changes in the healthcare industry contribute to the need for the Project.

It is anticipated that the Project's full buildout would result in the construction of two new hospital wings totaling approximately 715,000 square feet, an approximately 200,000 square foot medical office building, two new parking garage structures totaling approximately 720,000 square feet, and one level of subterranean parking. The Project would be developed in two phases, with an optional third phase: Phase 1, which would be constructed over approximately four years starting in 2025 and Phase 2, which would be constructed over approximately five years starting in 2029, and Phase 3, which is an optional third phase that could be undertaken concurrently with or after Phase 2.

Specifically, Phase 1 would demolish 5,200 square feet of the existing hospital main building (Building A) to construct a new SPC 5 rated 260,000 square foot hospital wing (Building C) and demolish the existing 6,700 square foot day care center to partially construct four of the six stories of a parking garage (Garage East). Phase 2 would construct an approximately 455,000 square foot hospital wing (Building D), an approximately 200,000 square foot medical office building (Building E), a five-story garage structure (Garage West), and construct the remaining two levels of Garage East. Garage East would have a total of six stores at the end of Phase 2. At full buildout, if Phase 3 is undertaken, the Project would demolish the non-seismically compliant (SPC 2) main hospital building (Building A) and replace it with approximately 355 surface and one level of subterranean parking stalls (Subterranean Garage). **Figure 6: Proposed Project Phase 1 Conceptual Site Plan** depicts Phase 1, **Figure 7: Proposed Project Phase 2 Conceptual Site Plan** depicts Phase 2, and **Figure 8: Proposed Project Phase 3 Conceptual Site Plan** depicts the Project at full buildout, if undertaken.

Table 1: Proposed Development Phases provides a breakdown of the building area square footage for the three phases, excluding parking structures. **Table 2: Proposed Project Phasing Summary** breaks down the proposed Project's phasing.

Table 1: Proposed Development Phases	
Development Scenarios	**Total Square Footage (Retained + Added)**
Phase 1	698,800
Phase 2	1,353,800
Phase 3	1,000,000
Source: Perkins & Will, 2022.	

Table 2: Proposed Project Buildout Summary					
Use	**Size (square feet)**	**Demolition (square feet)**	**Total (square feet)**	**Licensed Beds**	**Bed Change Btwn Phases**
Existing Conditions					
Main Hospital Building A	336,000	-	336,000	314	-
Main Hospital Building A (emergency room)	23,000	-	23,000	0	-
Main Hospital Building B (women's and children's services wing)	85,000	-	85,000	90	-
Day Care Center	6,700	-	6,700	0	-
Total			450,700	404	-
Phase 1					
Main Hospital Building A	336,000	-5,200	330,800	183	-131
Main Hospital Building A (emergency room)	23,000	-	23,000	0	-
Main Hospital Building B (women's and children's services wing)	85,000	-	85,000	90	-
Demolition of Day Care Center	6,700	-6,700	0	0	-
New Hospital Building C[1]	+260,000	-	260,000	140	+140
Total Demolition/Removal			-11,900	-	-
Total Construction/Addition			+260,000	-	+9
Total			698,800	413	-
Phase 2					
Main Hospital Building A	330,800	-	330,800	0	-183
Main Hospital Building A (emergency room)	23,000	-	23,000	0	-
Main Hospital Building B (women's and children's services wing)	85,000	-	85,000	90	-
Hospital Building C	260,000	-	260,000	175	+35
New Hospital Building D	+426,000	-	426,000	154	+154
New Hospital Building D (emergency room)	+29,000	-	29,000	0	-

Table 2: Proposed Project Buildout Summary					
Use	**Size (square feet)**	**Demolition (square feet)**	**Total (square feet)**	**Licensed Beds**	**Bed Change Btwn Phases**
New Hospital Building E (medical office building)	+200,000	-	200,000	0	-
Total Demolition/Removal			0	-	-
Total Construction/Addition			+655,000		+6
Total[1]			1,353,800	419	-
Phase 3					
Main Hospital Building A	330,800	-330,800	0	0	-
Main Hospital Building A (emergency room)	23,000	-23,000	0	0	-
Main Hospital Building B (women's and children's services wing)	85,000	-	85,000	90	-
Hospital Building C	260,000	-	260,000	175	-
New Hospital Building D	426,000	-	426,000	154	-
New Hospital Building D (emergency room)	29,000	-	29,000	0	-
New Hospital Building E (medical office building)	200,000	-	200,000	0	-
Total Demolition/Removal			-353,800	-	-
Total Construction/Addition			0		-
Total[1]			1,000,000	419	-

Notes:
(1) The hospital's existing bed license would be updated to accommodate the additional beds that are a result of the Project.

Source: Perkins & Will - ReZone Application Plan Set, 2022.

PROPOSED PROJECT: PHASE 1

Phase 1 would demolish the 5,200 square foot chapel in Building A, construct a new SPC 5 rated 260,000 square foot Building C, and partially construct Garage East.

Building C - Hospital Wing Expansion

Building C would have an SPC 5 rating, which would be in compliance with the structural provisions of SB 1953 and would be capable of providing services to the public following strong ground motion. The SPC 5 rating would enable Good Samaritan Hospital to continue to operate acute hospital care functions after the January 1, 2030, SB 1953 deadline. Building C would be seven stories including a basement level with a Central Utility Plant. During Phase 1, 131 beds would be relocated from the existing Building A to Building C and nine additional beds would be added to Building C for a total of 140 beds. Building C would likely include Behavioral Health, Intensive Care, Rehabilitation, and Surgical services.

Loading Docks

In Phase 1, the loading docks and services yard would be relocated north of the existing four-story Women's and Children Center hospital wing (Building B), adjacent to the cooling towers toward the northern portion of Building C. The loading area would be accessed from an internal drive aisle from Samaritan Drive, and the northern perimeter drive aisle. Solid waste collection, medical waste collection, and scheduled supply drop-offs would have access to the loading docks.

Parking

Additional patient, staff, and visitor parking would be provided in a new free-standing parking structure (Garage East) located on the eastern edge of the site. Garage East would be partially constructed in Phase 1 and would have approximately 504 parking spaces with four levels of parking above grade. The existing Children Daycare Center at 2333 Samaritan Drive would be demolished to accommodate Garage East. In addition to Garage East, Phase 1 would include 745 existing surface parking spaces. At Phase 1 completion, the Good Samaritan Hospital would have up to 1,249 parking spaces.

Vehicular Access

Vehicular access to the Project site is currently provided via four driveways on Samaritan Drive, although Driveway 3 is restricted to ambulances only. In Phase 1 the Project would keep the existing four driveways and add two new driveways to provide access to Garage East, as shown in **Figure 6**.

PROPOSED PROJECT: PHASE 2

As shown in **Figure 7**, Phase 2 would construct an approximately 455,000 square foot hospital wing (Building D), an approximately 200,000 square foot medical office building (Building E), an approximately 400,000 square foot story garage structure (Garage West), and complete construction of Garage East. During Phase 2, 35 beds would be relocated from Building A to Building C for a total of 175 beds in Building C.

Building D - Hospital Wing Expansion

Building D would be constructed as a seven-story (including basement) SPC 5 rated building with 148 acute beds relocated from the existing Building A to Building D and six additional beds added to Building D for a total of 154 beds. The emergency room would be relocated from Building A to Building D as well. Building D would likely include engineering, housekeeping, and surgery rooms.

During Phase 2 the Project would relocate the existing heliport from the Project site's northwest corner to the Building D rooftop (closer to emergency operations) and add an additional helipad (two helipads total). The Project does not propose to open a trauma facility at the Good Samaritan Hospital and helicopter operations are not anticipated to substantially increase due to the Project, which increases existing bed capacity by only 15 beds. The helicopters would remain at the heliport for limited durations to safely transport patients. The rooftop heliport would not be used to store any helicopters, nor would maintenance or training activities occur.

Building E - Medical Office Building

Building E is proposed to be constructed at the southern edge of the Project site, near the intersection of Samaritan Drive at Samaritan Place. Building E allows for doctor and patient comprehensive care on one campus. Building E would be eight stories tall and have approximately 25,000 square feet of office space per floor with approximately 200,000 square feet total.

Parking

Additional patient, staff, and visitor parking would be provided in a new free-standing parking structure (Garage West) located on the western edge of the site. Garage West would be fully constructed in Phase 2 and would have up to 1,154 parking spaces with five levels of parking above grade. Additionally, the remaining two levels of Garage East would be constructed during Phase 2, which would result in a six-story parking structure with 757 parking spaces. In addition to Garages East and West, Phase 2 would maintain 146 of the 745 existing surface parking spaces as noted in Phase 1. At Phase 2 completion the Good Samaritan Hospital would have up to 2,057 parking spaces.

Vehicular Access

Vehicular access to the Project site is currently provided via four driveways on Samaritan Drive, although Driveway 3 is restricted to ambulances only. Phase 2 would maintain the driveways and movements described in Phase 1 and add an additional driveway at the Samaritan Place Cul-De-Sac, as shown in **Figure 6**. Driveway 7 would be restricted to ambulance and supply truck traffic only. Driveway 7 leads to the relocated ambulance entry at the rear of Building D, adjacent to the Project site boundary with SR-85. As depicted in **Figure 6**, a perimeter fire lane around the Project site is proposed along the northern and western edges, connecting Driveway 7 at Samaritan Place to Driveway 1 at Samaritan Drive.

PROPOSED PROJECT: PHASE 3

At full buildout, if Phase 3 is undertaken, the Project would demolish the remaining portions of Building A (the chapel would be demolished in Phase 1), replace it with approximately 555 surface and subterranean parking stalls (Subterranean Garage), and relocate Driveway 3 approximately 330 feet east and reconfigure that driveway to provide full access. The subterranean garage would only have one level. If Phase 3 is not completed, Building A would remain intact and would be used for administration (conference center, meeting rooms, break rooms, etc.), maintenance and operations (biomed, public cafeteria, housekeeping, etc.), medical services (clinics, clinical lab, day surgery for procedures with less than 24-hour stay, diagnostic and treatment units, etc.), as allowed by the City of San José Municipal Code and SB 1953. Further, the additional surface parking and subterranean levels would not be built.

LANDSCAPE PLAN

The Project Landscaping Plan and Plant Palette is provided in **Figure 9**. The Project Landscape Plan shows mature landscape vegetation including trees and shrubs along the site boundary. There is existing landscaping around the existing main hospital building, including interior courtyards and entrances. A majority of the existing perimeter and parking lot landscaping would be removed as part of Project implementation. Tree removals would be in accordance with San José Municipal Code Section 13.32 which requires project applicants to obtain and comply with a Tree Removal Permit. The Project Landscape Plan would be required to meet the City of San José's Water Efficient Landscape Requirements. Proposed features would include but not limited to a low-flow, point source irrigation system equipped with a weather based smart controller. On-site landscaping would meet State water efficient landscape standards and stage 2 drought restrictions.

ARCHITECTURE AND LIGHTING

Architecture. Buildings C, D, and E, and Garage East and West, are designed to be architecturally consistent with the existing structures at the Good Samaritan Hospital campus. The proposed buildings

would consist of concrete masonry blocks, metal panels, and Exterior Insulation and Finish Systems (EIFS) paneling. Conceptual architectural elevations are provided in **Figure 10** through **Figure 11**.

Specifically, the buildings would consist of EIFS paneling and glass windows with a color palette largely consisting of greys as well as accented use of whites and blues. Buildings C, D, and E would include articulation and roof line modulation to reduce building massing. Further, Garage East and West would have metal screening along the exteriors to further articulate the elevation and provide visual interest.

Lighting. The Project lighting would provide additional exterior building and site lights for safety and security purposes along building facades, walls, and pole-mounted lights in parking areas around the medical buildings, walkways, and surface parking lots. All light sources would be shielded so that the light is directed away from streets and adjoining properties.

OFF-SITE IMPROVEMENTS

Off-site improvements include new curb cuts for the proposed driveway access, as well as rehabilitation of the existing pedestrian sidewalks.

UTILITY INFRASTRUCTURE

Utilities for the Project would connect to the existing utility infrastructure in adjacent roadways via laterals, with the final sizing and design occurring during final building design and plan review.

Water and Sewer. The Project site is within the San José Water Company's jurisdictional boundaries. Although the site's existing use has connections to the utility system, the Project would provide new connections to the municipal water system. A Water Supply Assessment would be prepared for this Project.

Stormwater Management. The Project would have different drainage management areas throughout the site containing unlined bioretention basins with underdrains for treatment. The Project would treat onsite flows prior to discharging into the City storm drain system.

Anticipated Project Approvals

Planned Development Rezoning (File No. PDC22-132): Project implementation would require a new Planned Development Zoning District to authorize the uses proposed by the Project; therefore a rezone would be required. Specifically, a rezone from the existing A(PD) (see **Figure 5**) Planned Development Zoning District (File No. PDC01-063) to the CG(PD) Planned Development Zoning District (File No. PDC22-132) would be required. The new CG(PD) Planned Development Zoning District would authorize the new hospital wing components and additional uses (cafeterias and retail shops), as well as updated standards to address the modernization of the hospital's healthcare system and operations.

Planned Development Permit(s): A Planned Development Permit application to allow for the Project improvements at the site, such as site buildings and landscaping.

Tree Removal Permit: A majority of the existing perimeter and parking lot landscaping would be removed as part of Project implementation. Tree removals would be in accordance with San José Municipal Code Section 13.32 which requires project applicants to obtain and comply with a Tree Removal Permit.

Bay Area Air Quality Management District (BAAQMD) Permits for Generators: The Project would require a BAAQMD Authority to Construct Permit and Permit to Operate for the proposed two generators.

HCAI Building Permit: The Department of Health Care Access and Information (HCAI), formerly the Office

of Statewide Health Planning and Development (OSHPD), regulates the design and construction of healthcare facilities to ensure safety and operations of providing services to the public, and provides finance tools for capital projects. HCAI provides plan review and construction observation of the design and specifications for the architectural, structural, mechanical, plumbing, electrical and fire and life safety components of these health facilities.

Potential Environmental Impacts of the Project

The EIR will describe the existing environmental conditions on the Project site, discuss and analyze the impacts of the Project, and identify the significant environmental effects anticipated to result from development of the Project. Mitigation measures will be identified for potentially significant environmental impacts, as warranted. The analysis in the EIR will include the following specific categories of environmental impacts related to the Project.

1. Aesthetics & Visual Resources

The Project site is located in an urban area with a mix of medical office and clinics, single-family, and multi-family residential developments. The EIR will describe the existing visual setting of the area and discuss the visual changes that are anticipated to occur as a result of the Project. The EIR will assess whether the Project would conflict with applicable zoning and other regulations governing scenic resources. The EIR will also discuss possible light and glare impacts from the development. If significant impacts related to visual resources and aesthetics are found, mitigation measures will be identified.

2. Agricultural and Forestry Resources

The Project site and surrounding areas are not designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance on the State of California Important Farmland Map.[3] Further, the Project site is not currently under a Williamson Act contract or within an agricultural, forest land, or timberland zoning district.[4] Finally, the Project site is fully developed and does not contain any forest land. Therefore, the Project would result in no impact concerning mapped farmlands, Williamson Act contracts, agricultural, forest, or timberland zoning, or the conversion or loss of Farmland, forest land or timberland. Since no impacts would occur, these issues will not be further analyzed in the EIR.

3. Air Quality

The EIR will address the regional air quality conditions in the San Francisco Bay Area and discuss the Project's impacts to local and regional air quality based on the Bay Area Air Quality Management District (BAAQMD) CEQA guidelines and thresholds. The EIR will discuss sensitive receptors (including patients and adjacent residences), temporary construction impacts to air quality, and operational air quality impacts. Mitigation measures, if found to be required, will be discussed.

4. Biological Resources

The Project site is located in a developed and urbanized area of San José, more than 2,000 feet south of Los Gatos Creek, more than 5,000 feet east of Vasona Reservoir, and more than 3,000 feet north of Ross Creek. Habitats in the area are low in species diversity and include predominately urban adapted species. The Project site is currently developed as the Good Samaritan Hospital campus and associated parking, but contains trees and other landscaped vegetation. The EIR will address any removal of trees onsite and any need for replacement trees per City standard conditions. The EIR will identify and discuss potential biological impacts resulting from Project construction and operation and the Project's consistency with the Santa Clara County Habitat Conservation Plan. Mitigation measures, if found to be required, will be discussed.

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[3] California Department of Conservation. (2016). California Important Farmland Finer. https://maps.conservation.ca.gov/dlrp/ciff/.

[4] California Department of Conservation. (2016). Williamson Act/Land Conservation Act. https://maps.conservation.ca.gov/dlrp/WilliamsonAct/App/index.html

5. Cultural Resources

No buildings on-site or within the immediate vicinity of the Project site have been listed in the City's Historic Resources Inventory. One or more of the buildings on site are 45 years old or older and will be evaluated in the EIR. The EIR will address potential impacts to buried archaeological resources on site, as well as impacts to potential historic structures on and/or near the site. The EIR will address the potential to encounter human and or archaeological remains at the Project site. If impacts to cultural resources are found to be significant, mitigation measures will be identified.

6. Energy

Implementation of the Project may result in an increased demand for energy on site. The EIR will address the potential for the project to have an environmental impact due to wasteful, inefficient, or unnecessary consumption of energy or obstruct or conflict with a State or local plan for renewable energy or energy efficiency. Mitigation measures, if found to be required, will be discussed.

7. Geology and Soils

The Project site is in a seismically active region dominated by the San Andreas Fault, located about 6 miles southwest of the site, and the Hayward Fault, located approximately 12 miles northeast of the site.[5] Other major faults within the vicinity of the site include the northern portion of the Calaveras Fault, located approximately 14 miles northeast of the Project site. The Project site is not mapped within an Alquist-Priolo Earthquake Fault Zone.[6] The EIR will discuss the possible geological impacts associated with existing soils, groundwater conditions on the Project site, and seismicity activity. The EIR will also evaluate potential impacts to paleontological resources. Mitigation measures, if found to be required, will be discussed.

8. Greenhouse Gas Emissions

The EIR will address the Project's contribution to global greenhouse gas emissions impacts in compliance with SB 32 and based on the City of San José's 2030 GHG Reduction Strategy for consistency with policies for reducing GHG emissions adopted by the City of San José. Proposed design features to reduce energy consumption, which in turn will reduce greenhouse gas emissions, will be analyzed. Mitigation measures, if found to be required, will be discussed.

9. Hazards and Hazardous Materials

The Project site is not listed as a Hazardous Waste and Substances Site (Cortese) List.[7] The EIR will summarize known hazardous materials conditions on and adjacent to the Project site and will address the potential for hazardous materials impacts to result from construction and operation of the Project. The EIR also will address whether the Project would interfere with an emergency response plan. Mitigation measures, if found to be required, will be discussed.

10. Hydrology and Water Quality

Based on Flood Insurance Rate Maps from the Federal Emergency management Agency, the Project site is

[5] Geo-Engineering Solutions, Inc. Feasibility Level Geotechnical Engineering and Geologic Hazards Study for 2425 Samaritan Drive, San Jose, CA 95124.

[6] California Department of Conservation. (2021). EQ Zapp: California Earthquake Hazards Zone Application. https://maps.conservation.ca.gov/cgs/EQZApp/app/

[7] Department of Toxic Substances Control Hazardous Waste and Substances Site List – Site Cleanup Cortese List). https://dtsc.ca.gov/dtscs-cortese-list/

located in Zone D- an area of undetermined flood hazard.[8] The EIR will address whether the Project would violate any water quality standards, decrease groundwater supplies or interfere with groundwater recharge, alter drainage course in a manner that would cause impacts, risk release of pollutants due to flood, tsunami, or seiche, or conflict with a water quality control plan or sustainable groundwater management plan. Mitigation measures, if found to be required, will be discussed.

11. Land Use

The Project site is located in an urban area with a mix of medical office and clinics, single-family, and multifamily residential developments. The EIR will describe the existing land uses adjacent to and within the Project site. This discussion will evaluate whether the Project will physically divide an established community. The EIR will evaluate whether the Project would have an environmental impact due to a conflict with existing land use regulations including the City's Envision San José 2040 General Plan, zoning and municipal code, and the City's Design Guidelines and Standards adopted for the purpose of avoiding or mitigating an environmental effect. Mitigation measures, if found to be required, will be discussed.

12. Mineral Resources

The Project site is currently developed as the Good Samaritan Hospital. The Project site does not currently support mineral resource extraction activities. Furthermore, the City of San José General Plan notes that the State Geologist nor the State Mining and Geology Board has classified any other areas in San José as containing mineral deposits which are either of statewide significance or the significance of which requires further evaluation. The Project would remain a hospital use and would not impact mineral resources. Since no impacts would occur, these issues will not be further analyzed in the EIR.

13. Noise and Vibration

The EIR will identify existing ambient noise and analyze potential noise and vibration impacts of Project operation and construction on the existing environment and nearby sensitive receptors. Noise levels will be evaluated for consistency with applicable standards and guidelines from the City of San José's Municipal Code and General Plan. If noise and vibration impacts are found to be significant, mitigation measures will be identified.

14. Population and Housing

The EIR will examine whether the Project would induce substantial unplanned population growth or displace a substantial number of existing people or housing. The EIR will evaluate the applicable regional and City plans, policies and regulations to the development. Mitigation measures, if found to be required, will be discussed.

15. Public Services

The EIR will address the availability of public services including fire and police protection, schools, and parks. Mitigation measures, if found to be required, will be discussed.

16. Recreation

The Project proposes to construct two new hospital wings totaling approximately 715,000 square feet and an approximately 200,000 square foot medical office building that would increase the hospital's existing

[8] Geo-Engineering Solutions, Inc. Feasibility Level Geotechnical Engineering and Geologic Hazards Study for 2425 Samaritan Drive, San Jose, CA 95124.

bed capacity by only 15 beds. Accordingly, visitors to the Project site would not substantially increase as compared to existing conditions.

The Project's primary purpose is to comply with SB 1953 requirements for acute care hospitals and is not intended to significantly expand the patient population. Additionally, since the Project is a non-residential hospital use the Project would not generate a substantial increase in employees or visitors to the Project site that would result in increased use of parks or recreational facilities. While on-site employees could visit nearby park facilities, Project implementation would result in approximately 63 more employees as compared to existing conditions, which is an insufficient number of new jobs to result in recreation resource use to the point of degradation. Additionally, the Project would contribute to the City's on-going park operation and maintenance plans by way of property taxes. Since the Project is a non-residential hospital use that would not substantially increase visitors or employees on the Project site, the Project would not increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial deterioration of the facility would occur.

Further, the Project does not include development of any recreational facilities, nor would the Project result in direct or substantial indirect population growth within the City. Therefore, the Project would not require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment and no impact would occur. Since no impacts would occur, these issues will not be further analyzed in the EIR.

17. Transportation and Circulation

The EIR will evaluate the Project's transportation impacts pursuant to Senate Bill 743 and the City's Transportation Analysis Policy (Council Policy 5-1). The Project's consistency with programs, plans, ordinances, or policies addressing the circulation system (including transit, roadway, bicycle, and pedestrian facilities) will be discussed in the EIR. The Project's impact on Vehicle Miles Traveled (VMT) will be discussed. The EIR also will discuss any increase in hazards due to geometric design features impacts to emergency access. Mitigation measures, if found to be required, will be discussed.

18. Tribal Cultural Resources

The EIR will address the impacts to tribal cultural resources on site. If impacts to tribal cultural resources are found to be significant, mitigation measures will be identified.

19. Utilities and Service Systems

Implementation of the Project may result in an increased demand on utilities compared to existing conditions. The EIR will examine the impacts of the Project on wastewater system, storm drains, water supply and demand (based on the Water Supply Assessment), solid waste management, energy, and telecommunications facilities. The EIR will analyze the Project's consistency with applicable State, regional, and local plans and policies related to utilities. Mitigation measures, if found to be required, will be discussed.

20. Wildfire

According to the California Department of Forestry and Fire Protection (CAL FIRE) State Responsibility Area Fire Hazard Severity Zones Map for Santa Clara County, the Project site is not within a State Responsibility

Area.[9] The Project site is in a Non-Very High Fire Hazard Severity Zone (Non-VHFHSZ) within a local responsibility area.[10] Project design and site access would adhere to San José Fire Department (SJFD) regulations and design. Further, Project construction would not require the complete closure of any public or private streets during construction. Temporary construction activities would not impede use of the streets for emergencies or access for emergency response vehicles, as the hospital would remain operational during Project construction. Project implementation would not result in the construction, installation, or maintenance of new infrastructure that would exacerbate fire risk. Additionally, there are no landslides near the site nor is the site in the path of any known or potential landslides.[11] Therefore no impacts related to wildfire would occur. These issues will not be further analyzed in the EIR.

21. Alternatives

Pursuant to CEQA Guidelines Section 15126.6, the EIR will examine a range of reasonable alternatives to the Project. Alternatives discussed will be chosen based on their ability to reduce or avoid identified significant impacts of the Project while achieving most of the identified objectives of the Project. The environmentally superior alternative(s) will be identified based on the number and degree of associated environmental impacts.

22. Significant Unavoidable Impacts

The EIR will identify those significant impacts that cannot be avoided if the Project is implemented as proposed.

23. Cumulative Impacts

Pursuant to CEQA Guidelines Section 15130, the EIR will include a cumulative impacts section that will address the potentially significant cumulative impacts of the Project when considered with other past, present, and reasonably foreseeable future projects in the area.

24. Other Sections

In conformance with the CEQA Guidelines, the EIR will also include the following sections: 1) growth inducing impacts, 2) significant irreversible environmental changes, 3) areas of known controversy, 4) references, 5) organizations/ persons consulted, 6) EIR author and consultants, and 7) appendices.

[9] CAL FIRE. Fire Hazard Severity Zones (FHSZ) Viewer. https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/wildfire-preparedness/fire-hazard-severity-zones/

[10] CAL FIRE. (2008). San Jose Very High Fire Hazard Severity Zones in Local Responsibility Area Map. https://osfm.fire.ca.gov/media/5935/san_jose.pdf

[11] California Department of Conservation. (2021). EQ Zapp: California Earthquake Hazards Zone Application. https://maps.conservation.ca.gov/cgs/EQZApp/app/



Figure 1 - Project Regional Map
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

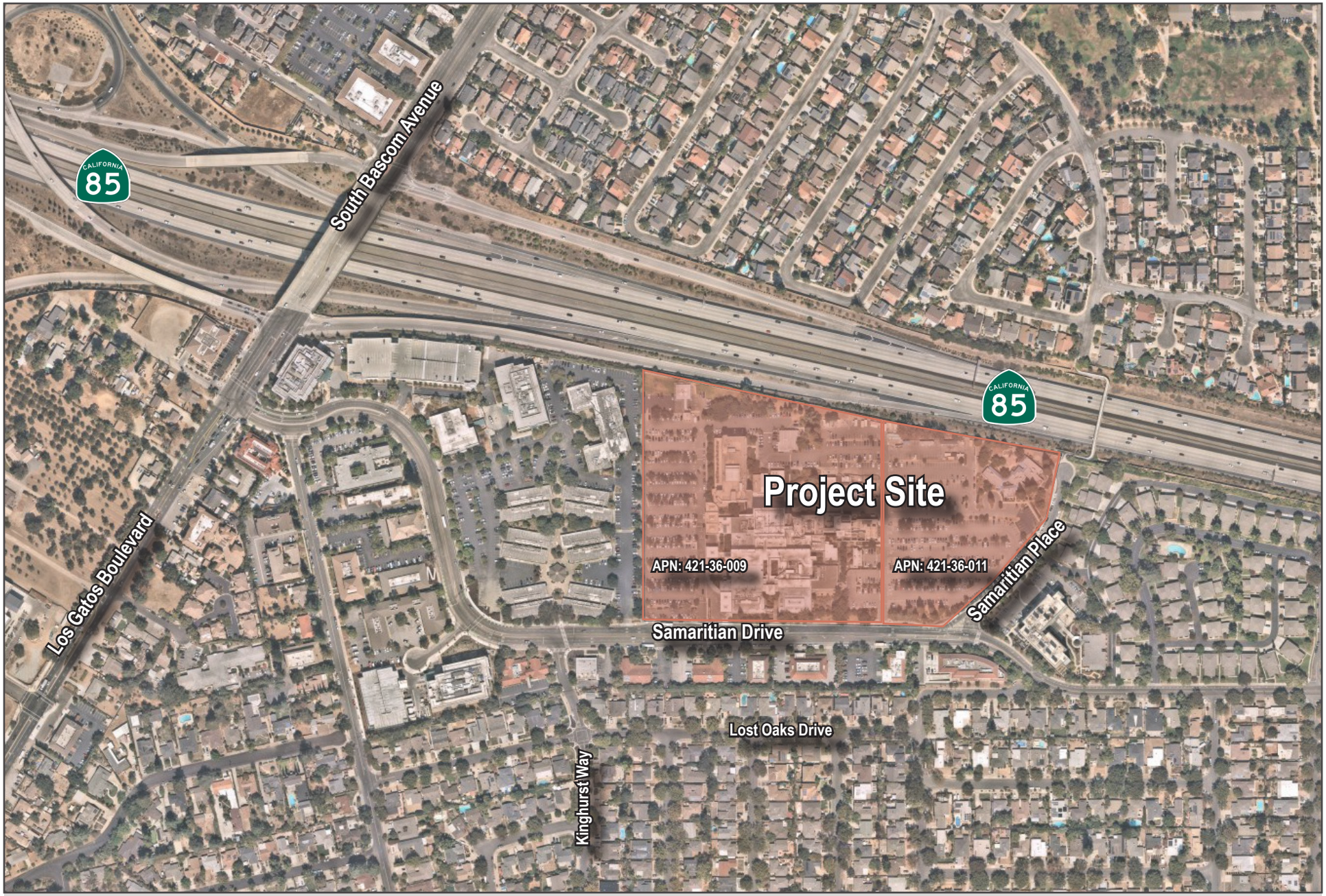


Figure 2: Project Vicinity Map
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

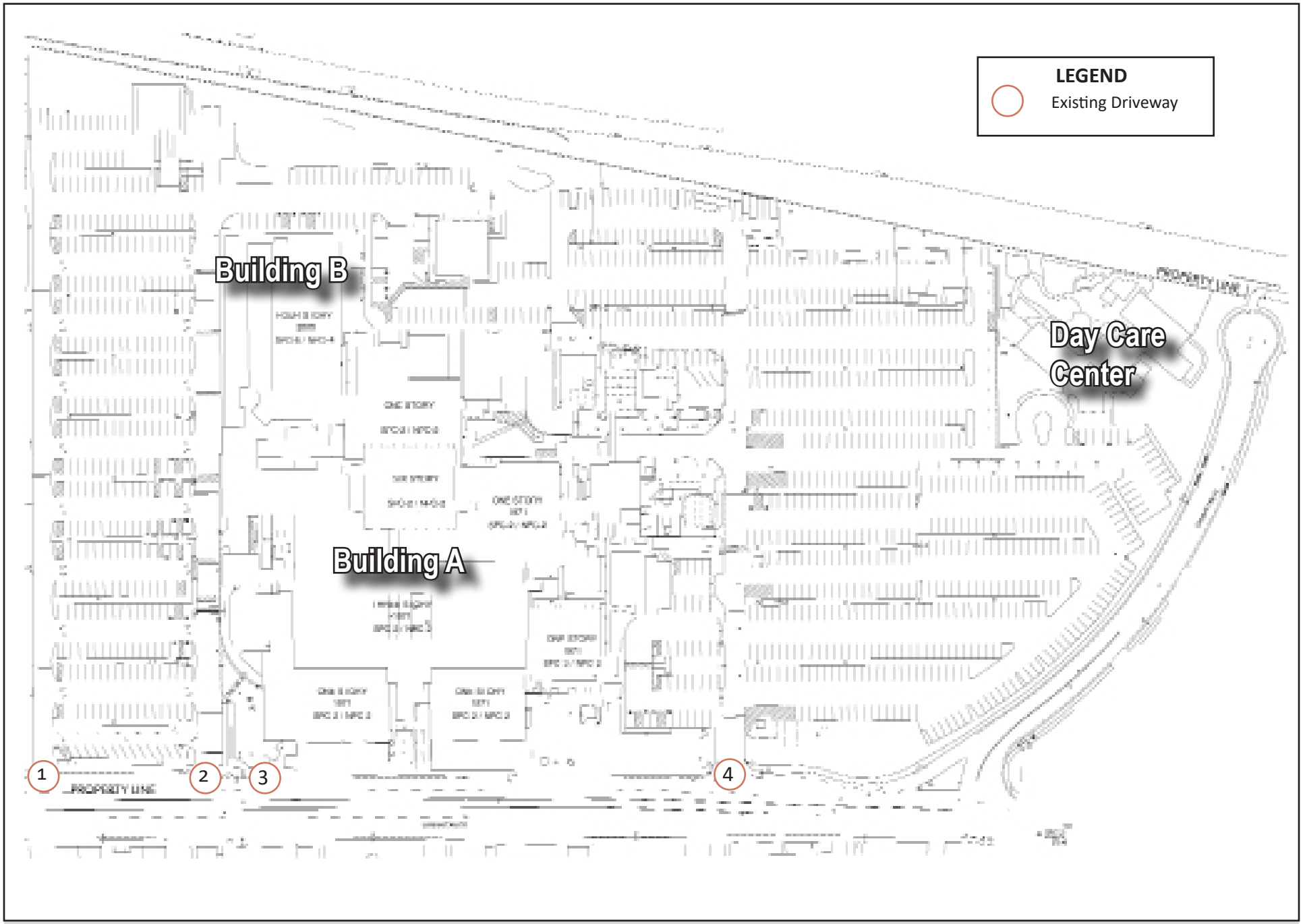


Figure 3 - Proposed Project Existing Conditions
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

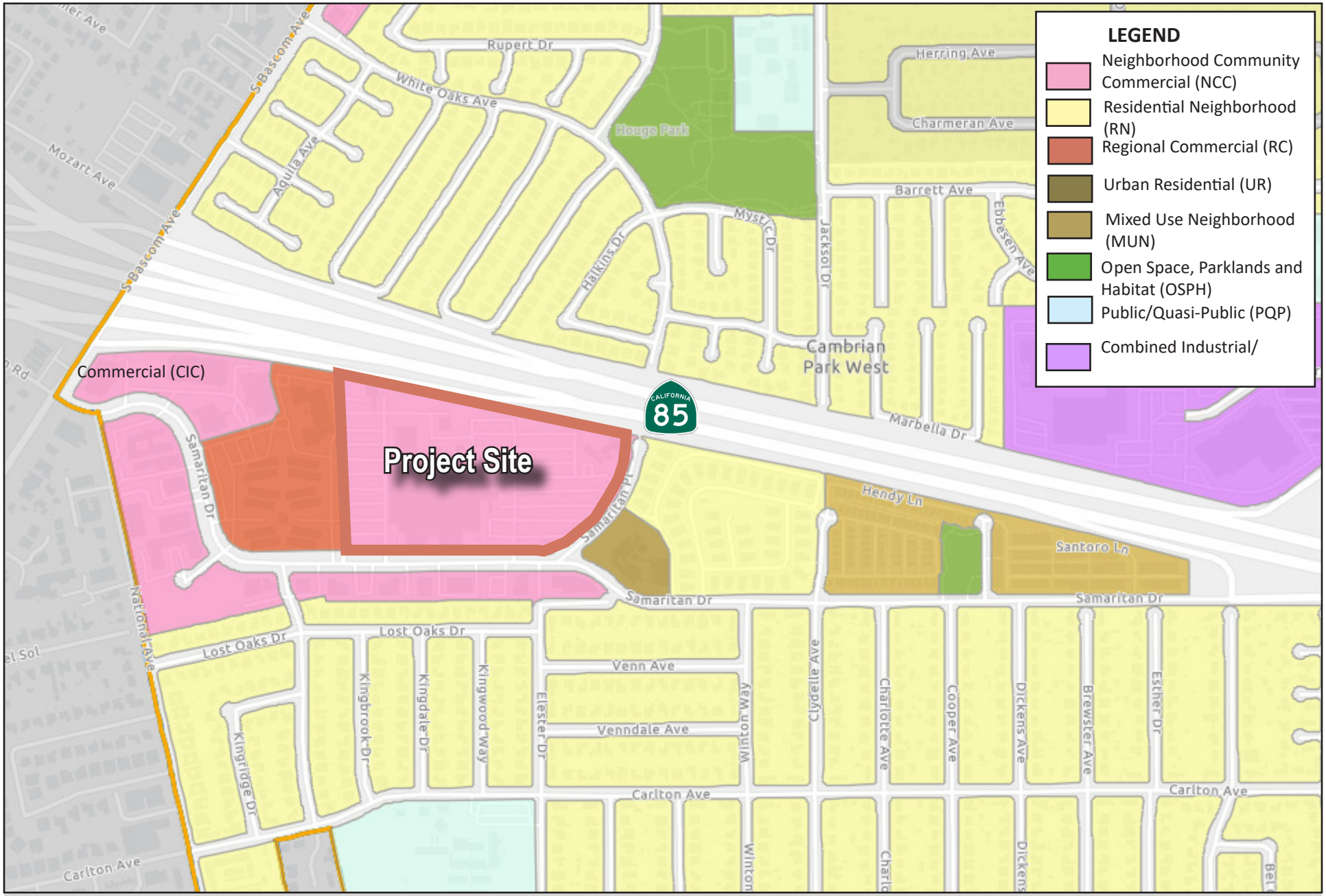


Figure 4- General Plan Land Use Designation
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

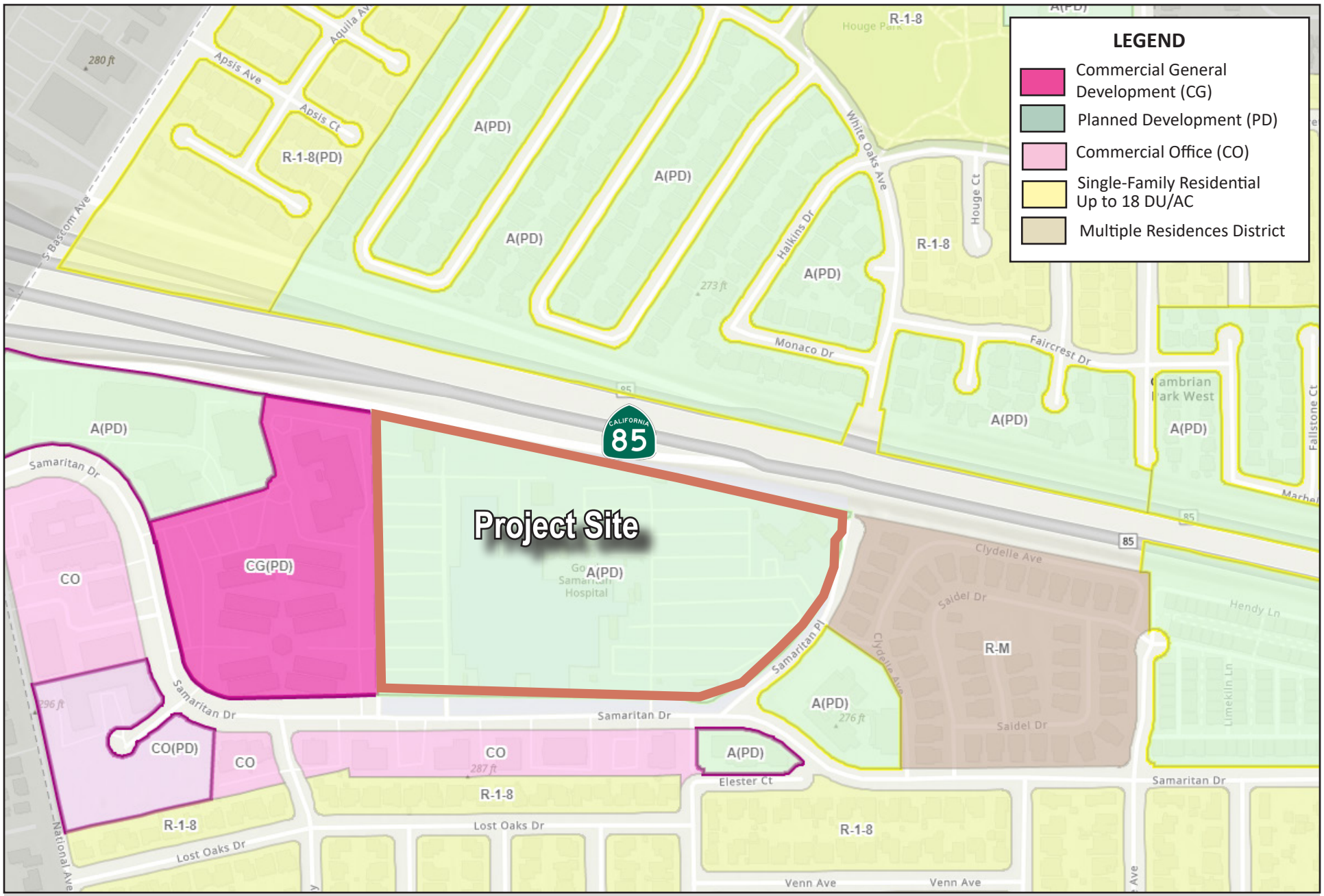


Figure 5 - Zoning Districts
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

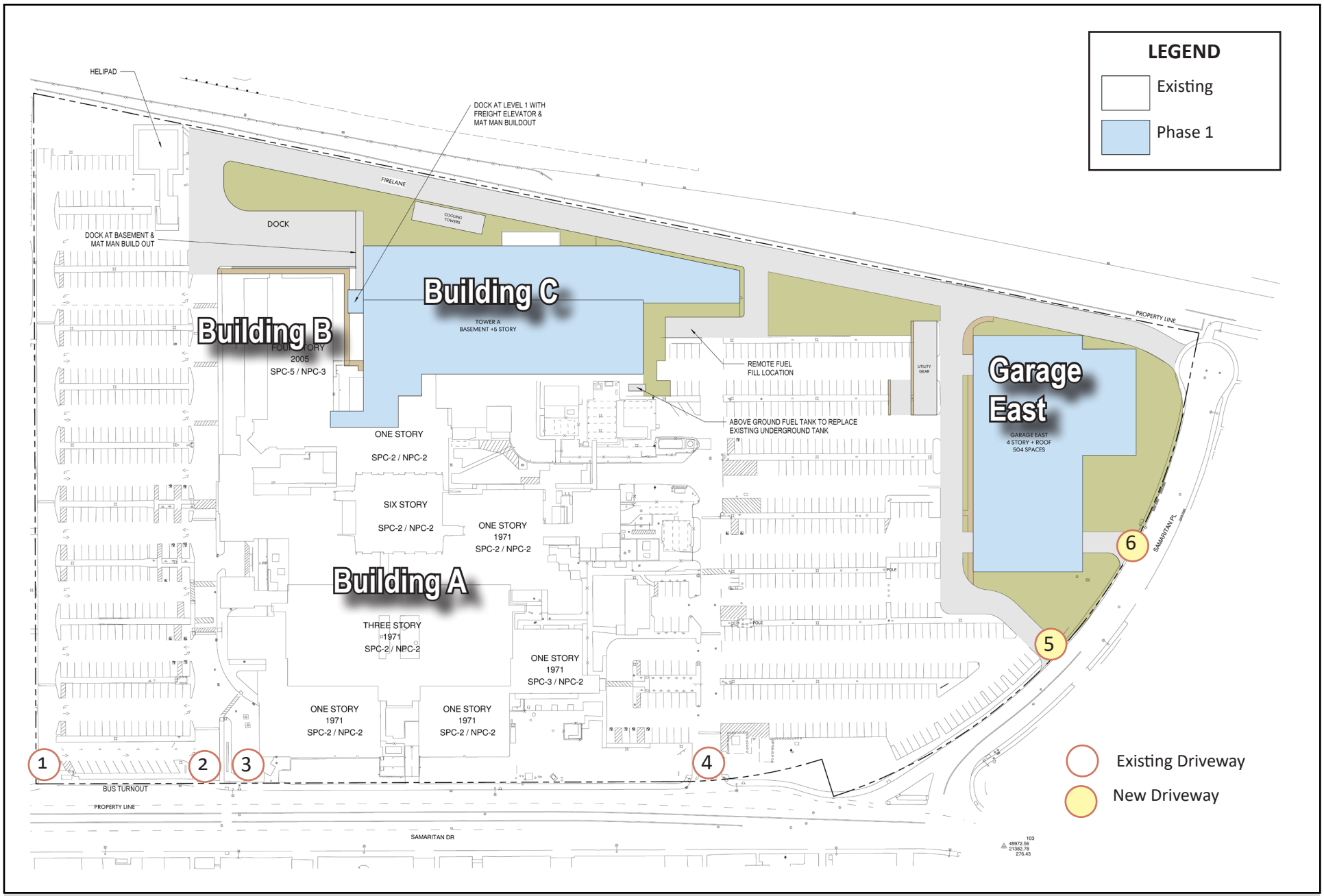


Figure 6: Proposed Project Phase 1 Conceptual Site Plan
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

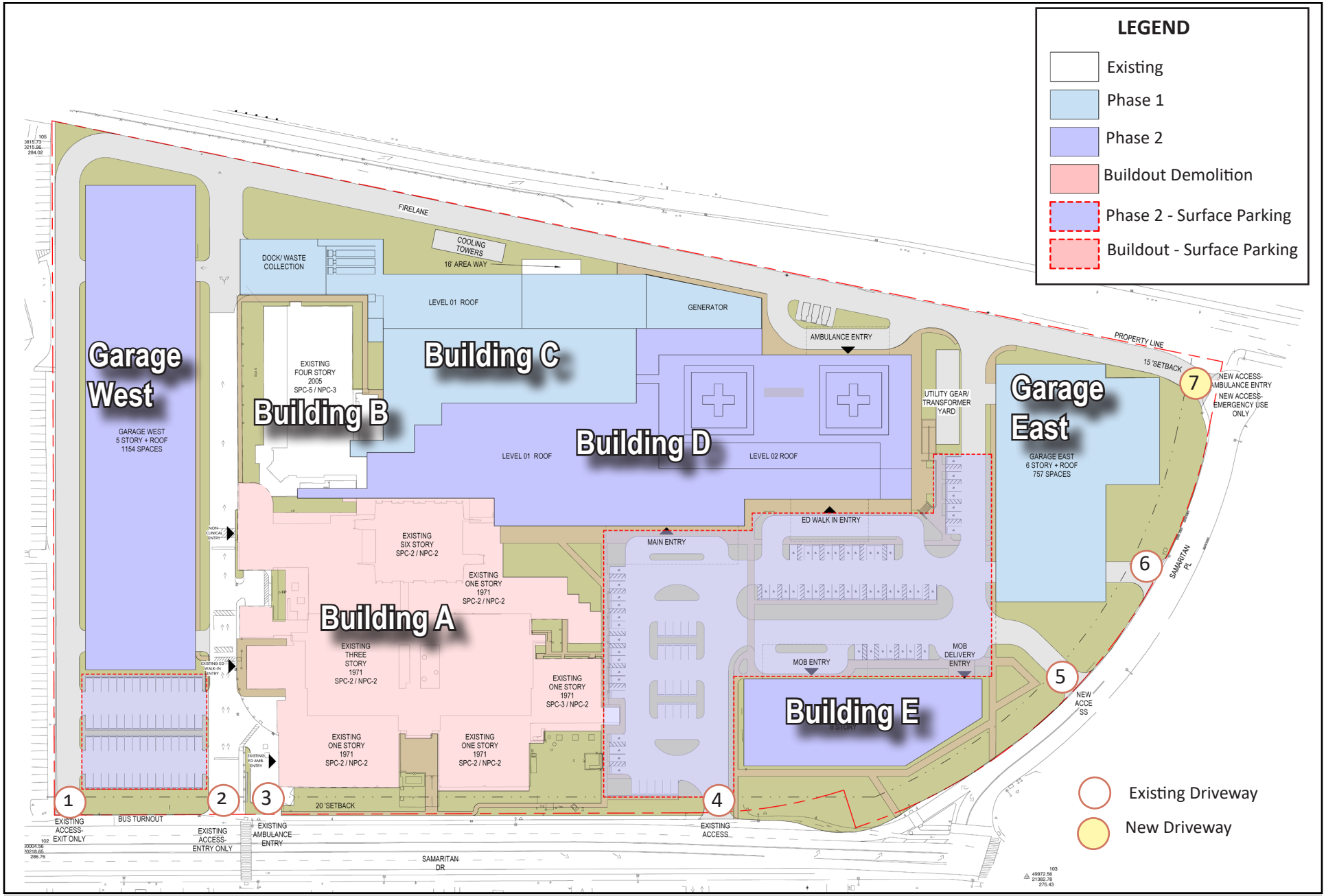


Figure 7: Proposed Project Phase 2 Conceptual Site Plan
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

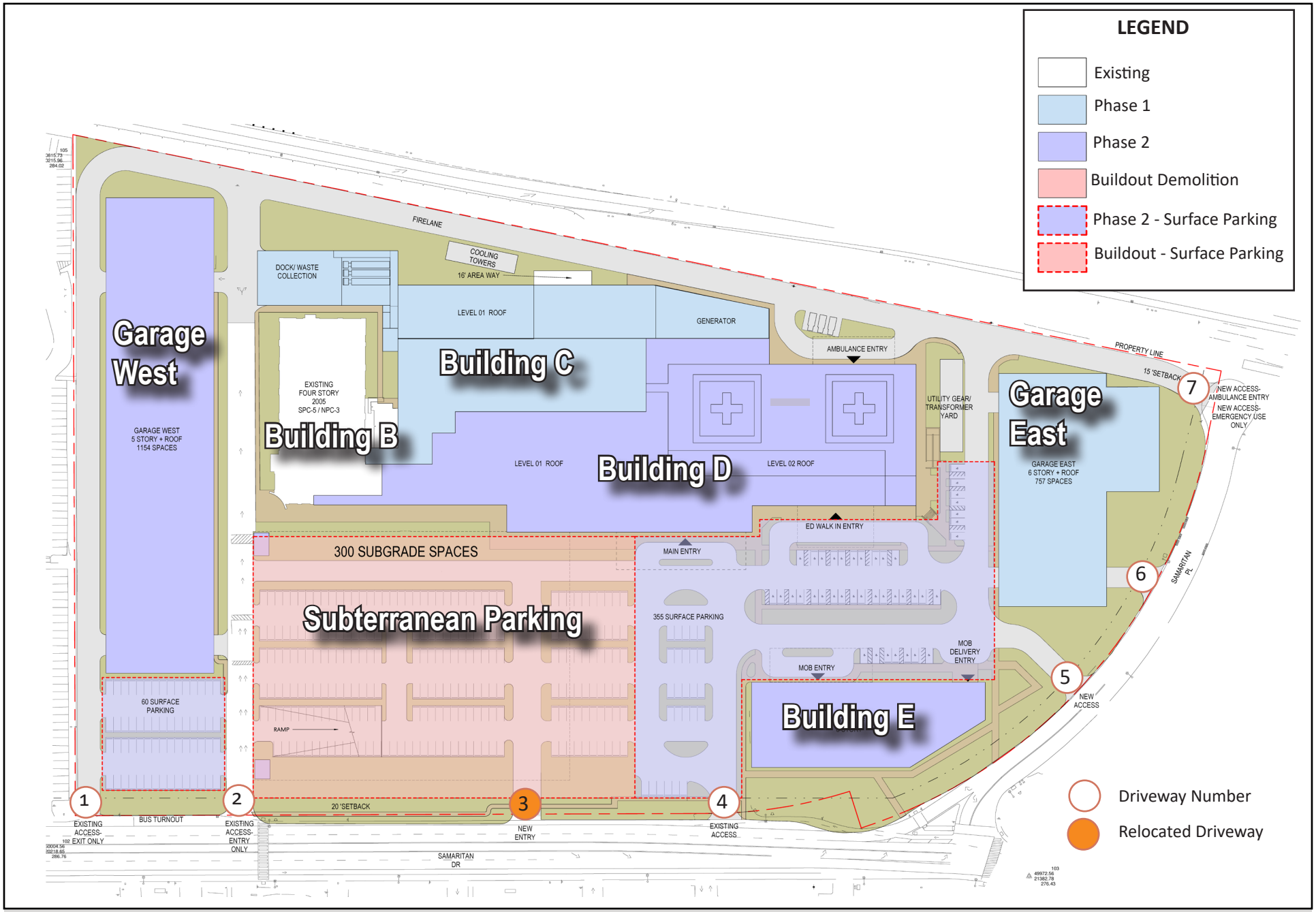


Figure 8: Proposed Project Phase 3 Conceptual Site Plan
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn



Figure 9: Proposed Project Phase 2 Landscape Plan

Good Samaritan Hospital Project

City of San Jose

Kimley»Horn

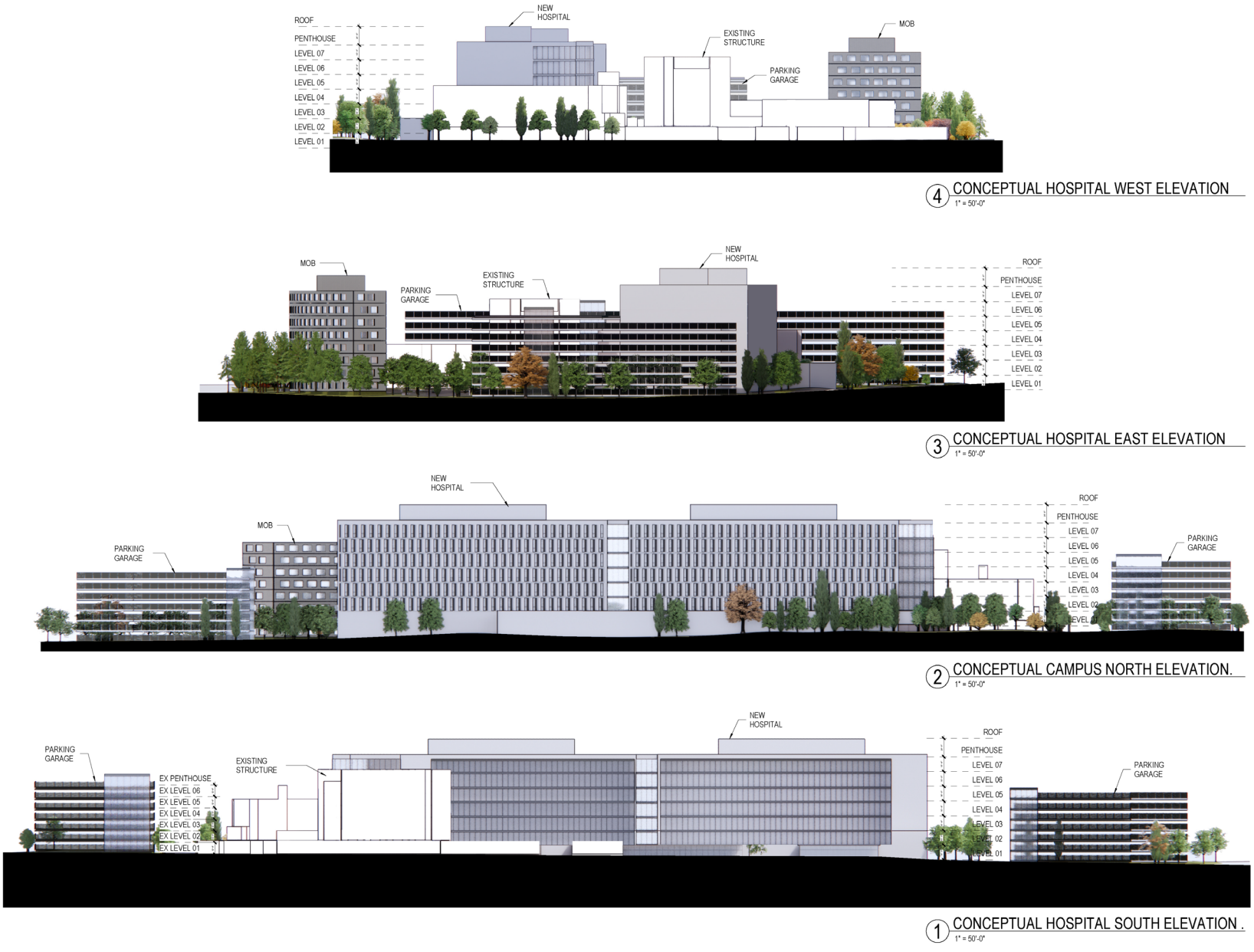


Figure 10: Proposed Project Conceptual Elevations
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

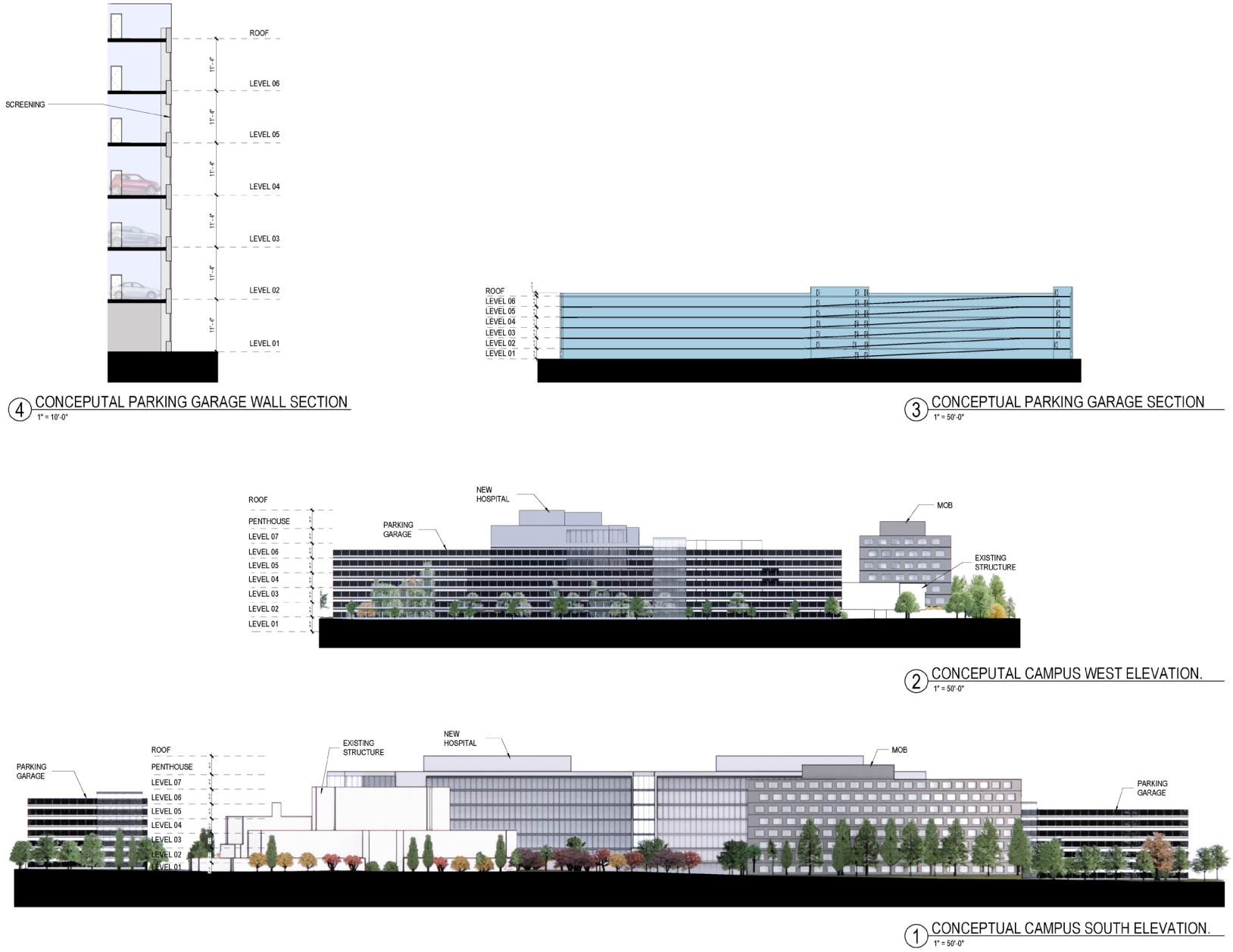


Figure 11: Proposed Project Conceptual Elevations
Good Samaritan Hospital Project
City of San Jose

Kimley»Horn

Telahun, Bethelhem

From: Michael Vroman <MVroman@losgatosca.gov>
Sent: Wednesday, June 21, 2023 4:11 PM
To: Telahun, Bethelhem
Cc: Nicolle Burnham; Gary Heap; Joel Paulson
Subject: FW: Public Review Notice of Preparation: Good Samaritan Hospital Project
Attachments: Notice of Preparation of DEIR-2023.pdf

You don't often get email from mvroman@losgatosca.gov. Learn why this is important

[External Email]

Dear Ms. Telahun,

Thank you for providing the Town of Los Gatos an opportunity to comment on the attached Notice of Preparation of a Draft Environmental Report for the GOOD SAMARITAN HOSPITAL PROJECT at 2425 Samaritan Drive and 2333 Samaritan Place. Thanks too for hosting the community meeting last Thursday, June 15th, and informing those at the meeting that the Draft EIR should be ready to circulate early in 2024.

The Town's comments for the NOP of a Draft EIR for the Good Samaritan Hospital Project are as follows:

- Please have the EIR also evaluate the Project's transportation impacts pursuant to the standards and methodologies set forth by the Town of Los Gatos' Transportation Analysis Policy at the following link: 1-08-Transportation-Impact-Policy (losgatosca.gov) , the Town's VMT policies at Vehicle Miles Traveled - VMT | The Los Gatos CA Official Site! and the Town's 2040 General Plan.

- If all three proposed phases are completed the proposed project buildout will total 1,000,000 SF with 419 licensed beds. However, Phase 3 is also described as "optional third phase" and "if Phase 3 is undertaken". If Phase 3, which includes demolition of an existing building and additional parking, is not completed, the proposed project buildout will be 1,353,800 SF with 419 licensed beds and fewer available parking spaces. What if Phase 3 is not undertaken? Please confirm the EIR will address this possibility.

- Pgs 7 & 8, please add a column to Table 2: Proposed Project Buildout Summary showing total parking spaces for existing conditions and each phase or provide a separate Table for parking.

- Pg 11, Off-site Improvements- please add: "Other off-site improvements may also include infrastructure improvements, such as roadway improvements, improved access to pedestrian and bicycle facilities and traffic calming, to mitigate potential traffic impacts."

Thanks again for your consideration. We look forward to reviewing the Draft EIR when it is ready for circulation.

Best regards,

Mike Vroman, T.E. ● Senior Traffic Engineer
Parks & Public Works Department ● 41 Miles Avenue, Los Gatos CA 95030
Ph: 408.399.5777 ● mvroman@losgatosca.gov
www.losgatosca.gov ● https://www.facebook.com/losgatosca

Engineering Office Counter Hours: Monday-Friday 8:00am to 1:00pm
Please note the upcoming Town closure: July 3, 2023

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From: City of San José <webrequests@sanjoseca.gov>
Sent: Monday, June 5, 2023 11:03 AM
To: Laurel Prevetti <LPrevetti@losgatosca.gov>
Subject: Public Review Notice of Preparation: Good Samaritan Hospital Project

[EXTERNAL SENDER]

Public Review Notice of Preparation: Good Samaritan Hospital Project

The Notice of Preparation for the Good Samaritan Hospital is available online. Public review period will start June 5, 2023 and end on July 5, 2023.

Post Date: 06/05/2023 11:00 AM

NOTICE OF PREPARATION OF A

DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE

GOOD SAMARITAN HOSPITAL PROJECT

FILE NO: PDC22-132

PROJECT APPLICANT: HCA Healthcare (Attn: Nicholas Paul)

APNs: 421-36-009 and 421-36-011

Project Description: The project proposes to rezone the project site to a Commercial General Planned Development CG(PD) Zoning District to allow for the expansion of the existing Good Samaritan Hospital. The anticipated project would result in the construction of two new hospital wings totaling approximately 715,000 square feet, an approximately 200,000 square foot medical office building, a new heliport, two new parking garage structures totaling approximately 720,000 square feet, and one level of subterranean parking.

Location: The approximately 20-acre site is comprised of two parcels located in southwestern portion San José. The site is located at 2425 Samaritan Drive and 2333 Samaritan Place near the borders to the Town of Los Gatos and the City of Campbell.

As the Lead Agency, the City of San José will prepare an Environmental Impact Report (EIR) for the project summarized above. The City welcomes your input regarding the scope and content of the environmental information that is relevant to your area of interest, or to your agency's statutory responsibilities in connection with the proposed project. If you are affiliated with a public agency, this EIR may be used by your agency when considering subsequent approvals related to the project.

A **joint community and environmental public scoping meeting** for this project will be held:

When: Thursday, June 15, 2023 from 6:00 to 7:30 p.m.

Where: Via Zoom (see instructions below and on www.sanjoseca.gov/activeeirs)

The project description, location, and probable environmental effects to be analyzed in the EIR for the project can be found on the City's Active EIRs website at www.sanjoseca.gov/activeeirs, including the EIR Scoping Meeting information. According to State law, the deadline for your response is 30 days after receipt of this notice, and responses provided before the 30-day deadline are always welcome. The City will accept comments on the scope of the EIR until **5:00 p.m. on Wednesday, July 5, 2023**. If you have comments on this Notice of Preparation (NOP), please identify a contact person from your organization, and send your response via mail or email to:

City of San José, Department of Planning, Building and Code Enforcement
Attn: Bethelhem Telahun, Environmental Project Manager

200 East Santa Clara Street, 3rd Floor Tower
San José, CA 95113-1905
E-mail: Bethelhem.Telahun@sanjoseca.gov

Christopher Burton, Director

Planning, Building and Code Enforcement

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Pacific Gas and Electric Company

Plan Review Team
Land Management

PGEPlanReview@pge.com

June 12, 2023

Bethelhem Telahun
City of San Jose
200 East Santa Clara St, 3rd Floor Tower
San Jose, CA 95113

Re: PDC22-132
HCA Helathcare

Dear Bethelhem Telahun,

Thank you for providing PG&E the opportunity to review the proposed plans for PDC22-132 dated 6/5/2023. Our review indicates the proposed improvements do not appear to directly interfere with existing PG&E facilities or impact our easement rights.

Please note this is our preliminary review and PG&E reserves the right for additional future review as needed. This letter shall not in any way alter, modify, or terminate any provision of any existing easement rights. If there are subsequent modifications made to the design, we ask that you resubmit the plans to the email address listed below.

If the project requires PG&E gas or electrical service in the future, please continue to work with PG&E's Service Planning department: https://www.pge.com/cco/.

As a reminder, before any digging or excavation occurs, please contact Underground Service Alert (USA) by dialing 811 a minimum of 2 working days prior to commencing any work. This free and independent service will ensure that all existing underground utilities are identified and marked on-site.

If you have any questions regarding our response, please contact the PG&E Plan Review Team at pgeplanreview@pge.com.

Sincerely,

PG&E Plan Review Team
Land Management

Telahun, Bethelhem

From: Andrew Quan <AQuan@valleywater.org>
Sent: Thursday, June 29, 2023 2:02 PM
To: Telahun, Bethelhem
Cc: Lisa Brancatelli; Colleen Haggerty
Subject: Comments for NOP of the DEIR for the Good Samaritan Hospital Project, City of San Jose

Follow Up Flag: Follow up
Flag Status: Flagged

You don't often get email from aquan@valleywater.org. Learn why this is important

[External Email]

Dear Bethelhem Telahun:

The Santa Clara Valley Water District (Valley Water) has received the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) for the proposed Good Samaritan Hospital Project, located at 2425 Samaritan Drive and 2333 Samaritan Place in the City of San Jose, received by Valley Water on June 5, 2023.

Valley Water has the following comments regarding the project:

1. According to the Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) 06085C0239H, effective May 18, 2009, the entire site is located within Zone D, representing areas of undetermined flood hazard.

2. Much of the southern half of San Jose is within the recharge area of the Santa Clara Plain Groundwater Basin, including the subject property. Natural groundwater recharge is an important component of the region's water supply. Although the loss of a small amount of pervious surface is minor compared to the total amount of natural recharge, Valley Water encourages the City to require low impact development features in the project design to retain as much recharge of treated stormwater capacity on site as possible.

3. Santa Clara Valley Water District (District) records indicate that 3 active wells are located on the subject property (APN:421-36-009). If the wells will continue to be used following permitted activity, they must be protected so that they do not become lost or damaged during completion of permitted activity. If the wells will not be used following permitted activity, they must be properly destroyed under permit from the District.

   While the District has records for most wells located in the County, it is always possible that a well exists that is not in the District's records. If previously unknown wells are found on the subject property during development, they must be properly destroyed under permit from the District or registered with the District and protected from damage. For more information, please call the District's Well Ordinance Program Hotline at 408-630-2660.

4. There is no Valley Water right of way or facilities at the project site; therefore, in accordance with Valley Water's Water Resources Protection Ordinance, a Valley Water encroachment permit is not required for the proposed improvements.

We appreciate the opportunity to comment on the NOP and would also appreciate the opportunity to review the DEIR document when it becomes available. If you have any questions, or need further information, you can reach me at (408) 630-1667, or by e-mail at AQuan@valleywater.org. Please reference Valley Water File No. 29104 on future correspondence regarding this project.

Thank you,

ANDREW QUAN
ASSISTANT ENGINEER II - CIVIL
Community Projects Review Unit
Tel. (408) 630-1667

Santa Clara Valley Water District is now known as:

Valley Water

Clean Water • Healthy Environment • Flood Protection

VALLEY WATER
5750 Almaden Expressway, San Jose CA 95118
www.valleywater.org

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County of Santa Clara

Roads and Airports Department

101 Skyport Drive
San Jose, CA 95110-1302
(408) 573-2460 FAX 441-0276

June 30, 2023

Bethlehem Telahun,
Planning, Building & Code Enforcement
City of San José
200 East Santa Clara Street
bethelhem.telahun@sanjoseca.gov

SUBJECT: Public Notice of Preparation of a Draft Environmental Impact Report for the Good Samaritan Hospital Project (PDC22-132)

The County of Santa Clara Roads and Airports Department (The County) appreciates the opportunity to review the Public Notice of Preparation of a Draft Environmental Impact Report for the Good Samaritan Hospital Project (PDC22-132). We submit the following comments:

- The Transportation Impact Analysis (TIA) should include Local Transportation Analysis (LTA).
- LTA study intersections should include the following:
  - Union Avenue and Charmeran Avenue
  - San Tomas Expressway & Hwy 17
  - Camden Avenue & White Oaks Road/Curtner Avenue
- Please provide queuing analysis at turn pockets and freeway on/off ramp where project trips will be added.

Thank you again for your continued outreach and coordination with the County. If you have any questions or concerns about these comments, please feel free to contact me at ben.aghegnehu@rda.sccgov.org

Thank you,

Board of Supervisors: Sylvia Arenas, Otto Lee, Susan Ellenberg, S. Joseph Simitian, Cindy Chavez
County Executive: Jeffrey V. Smith

CARPENTERS LOCAL UNION 405

SERVING SANTA CLARA & SAN BENITO COUNTIES

By Email

July 5, 2023

Attn: Bethelhem Telahun, Environmental Project Manager

200 East Santa Clara Street,
3rd Floor Tower
San José, CA 95113-1905

E-mail: Bethelhem.Telahun@sanjoseca.gov

Re: Notice of Preparation of a Draft Environmental Impact Report for the Good Samaritan Hospital Project

Dear Ms. Bethelhem Telahun,

The members and officers of Carpenters Union Local 405 ("Local 405") appreciate the opportunity to comment regarding the Notice of Preparation of a Draft Environmental Impact Report for the Good Samaritan Hospital Project.

Our members have a direct interest in securing high-road job opportunities and investment in their local communities. Local 405 is proud to count many San Jose and surrounding area residents among its membership ranks, including those who live and/or work in the vicinity of the project. This project will create sustainable work for our members, whose skills will contribute towards robust, interconnected development.

We request that we be put on the list of interested parties who receive notices regarding the issuance of environmental review documents or project-related public hearings.

The proposed project, if guided with proper guardrails, contains tremendous economic opportunities for the City of San Jose. To maximize the benefits to the local community while mitigating environmental harms, Local 405 strongly advocates that **future construction activity related to this development comply with local hire and responsible bidder requirements** that should be incorporated in the City's EIR.

Local 405 intends to participate in the CEQA process and beyond to ensure that the City complies with CEQA's mandate to minimize the proposed project's avoidable environmental impacts while maximizing benefits for the community and skilled trades workers. Illustratively, Local 405 requests that the City analyze all impacts required by CEQA, including, but not limited to, the following:

2102 ALMADEN ROAD, SUITE 115 • SAN JOSE, CA 95125 • (408) 269-7316 FAX: (408) 264-7650

- Emission Impacts resulting from construction-related employment
- Environmental impacts on the proposed project's construction workers

1. Emission impacts resulting from construction-related employment

The Notice of Preparation (NOP) identifies environmental impacts related to greenhouse gas emissions will be one area of focus for the eventual EIR. To account for greenhouse gas emissions during the construction phase of this project, the EIR should analyze how employers will manage and mitigate the environmental impact of the construction workforce's commuting patterns. One way to meet this objective is to introduce a *local hire policy* for construction activity associated with the proposed project.

A local employment preference requirement for construction activity linked to the proposed project will *reduce vehicle emissions* from worker commutes to and from project sites, while providing economic benefits to workers from the local community. Unfortunately, Local 405 is aware that many projects in Santa Clara County have been constructed by low-wage, out-of-area workers. This compromises meaningful training opportunities for the local community's future construction workforce, while also unnecessarily increasing inbound transportation emissions into the community.

The scope of the City's eventual EIR should compare the economic and environmental impacts of the proposed project with and without legal measures that encourage a local hiring preference, commit to utilizing local apprentices, or demonstrate other mechanisms that increase the likelihood of hiring workers from the local community. Doing so ensures economically beneficial local employment and training for skilled craft workers, while upholding the City of San Jose's environmental goals.

2. Environmental Impacts on the proposed project's construction workers

The proposed project will likely necessitate mitigation steps to mitigate the construction workforce's exposure to hazards and hazardous materials. The NOP identifies the presence of hazards and hazardous materials as one environmental impact area within the EIR. To fully account for the harms associated with potential hazards/hazardous conditions on the project site, the EIR should examine both direct harms to workers and indirect costs associated with this topic area.

Hazards that prevent a safe jobsite, impose a clear burden on taxpayers when factoring in injury-related calls for funds from the State's workers' compensation system. Recent research cited by the Department of Labor has advocated for **responsible bidder provisions**[1] as an "insurance" policy for taxpayers. This same research demonstrates that construction projects with responsible

[1] The Impact of Unions On Construction Worksite Health and Safety: Evidence From OSHA Inspections, Illinois Economic Policy Institute and Illinois Labor and Employment, November, 2023.

contractors were 19% less likely to have OSHA violations when compared to projects that failed to require responsible contractors.

A lack of a clear policy on these issues jeopardizes the City's ability to enforce adherence to the entire EIR. To facilitate the necessary cooperation between the City and contractors regarding worker exposure to environmental hazards, having clear provisions for responsible contractors are necessary.

Conclusion

Local 405 hopes that the City uses the CEQA process to minimize the proposed project's negative environmental impacts while maximizing the economic benefits presented to the City, workers, and region. We look forward to reviewing the Draft Environmental Impact Report, including its acknowledgement of the issues we have raised in this letter.

Sincerely,



Samuel Munoz
Senior Field Representative
Carpenters Local 405

NATIVE AMERICAN HERITAGE COMMISSION

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CITY OF SAN JOSE
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June 13, 2023

Bethelhem Telahun
City of San Jose
200 E Santa Clara St.
San Jose, CA 95113

Re: 2023060108, Good Samaritan Hospital Project, Santa Clara County

Dear Ms. Telahun:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov

Sincerely,

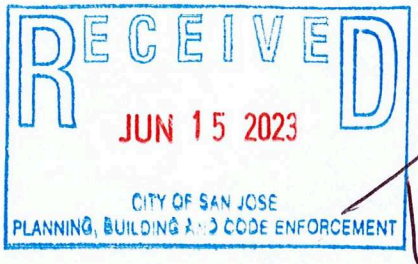
Cody Campagne

Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

State of California
Native American Heritage Commission
1550 Harbor Blvd., Ste. 100
West Sacramento, CA 95691







1-3 please

PBCE Planning

ACTING CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY

Bethelhem Telahun
City of San Jose
200 E Santa Clara St.
San Jose, CA 95113

Re: 2023060108, Good Samaritan Hospital Pr

95113$1905 C055

CITY OF CAMPBELL
Community Development Department

July 5, 2023

City of San Jose
Planning, Building, and Code Enforcement Department
Attn: Bethelhem Telahun
200 East Santa Clara Street, 3rd Floor Tower
San José, CA 95113

Re: Comments on Good Samaritan Hospital Project (File No: ER23-41)

To Whom It May Concern:

The City of Campbell staff has received and reviewed the Notice of Preparation (dated June 5, 2023) for the Good Samaritan Hospital Project (File No.: ER23-41). The project proposes to rezone the project site to a Commercial General Planned Development CG(PD) Zoning District to allow for the expansion of the existing Good Samaritan Hospital. We understand the anticipated project would result in the construction of two new hospital wings totaling approximately 715,000 square feet, an approximately 200,000 square foot medical office building, a new heliport, two new parking garage structures totaling approximately 720,000 square feet, and one level of subterranean parking.

The City of Campbell submits the following comments for consideration:

Transportation and Circulation:

With the understanding that Level of Service (LOS) analysis is not a consideration under CEQA, these comments relate to the review of the project as part of the Local Transportation Analysis (LTA).

Per the project description, the net trip generation is likely to exceed approximately 560 AM peak hour trips and 670 PM peak hour trips. Our concern is the impact the additional peak hour traffic will have on traffic coming out of East Mozart Avenue. Therefore, we request that the TIA Local Transportation Analysis (LTA) include the intersection of Bascom Avenue and East Mozart Avenue (unsignalized) in Campbell.

Campbell residents who live on East Mozart Avenue and Beethoven Lane have voiced their frustration that it is difficult to access Bascom Avenue to the north without having to cut across three lanes of heavy traffic on southbound Bascom Avenue to make a southbound U-turn to go north on Bascom Avenue. We would like the TIA to analyze the delay impacts on eastbound East Mozart Avenue traffic to 1) make an eastbound right-turn onto southbound Bascom Avenue, 2) head southbound through the Bascom Avenue/Highway 85 Northbound Ramps intersection, 3) make a U-turn at the Bascom Avenue/Highway 85 Southbound Ramps intersection, and 4) travel northbound through the Bascom Avenue/Highway 85 Northbound Ramps intersection. See the yellow arrows in the aerial snapshots below. We would like to know how long it takes to make this series of turning movements under Existing Conditions and under Proposed Conditions.

Eventually, we would like the TIA to evaluate the attached proposed concept to create a median island opening and modify the Bascom Avenue/Highway 85 Northbound Ramps signal to include East Mozart Avenue as a signalized leg of this intersection. A southbound overlap with green extension would help to clear the queues between East Mozart Avenue and the Highway 85 Northbound Ramps.



Please see the additional attached document.

Construction Impacts:

The Environmental Impact Report should analyze noise, vibration, and dust control impacts on City of Campbell residents during construction. The analysis should consider impacts associated with specific construction equipment and methods of mitigating impacts. The closest Campbell neighborhood is roughly bounded by the 85 and 17 interchanges, the west side of South Bascom Avenue, and Camden Avenue.

Operational Impacts:

The Environmental Impact Report should also analyze any and all impacts associated with the three heliports, generators (temporary and permanent), and ambulatory services including but not limited to noise and air quality impacts. The analysis should include the closest Campbell neighborhood, roughly bounded by the 85 and 17 interchanges, the west side of South Bascom Avenue, and Camden Avenue.

The City of Campbell appreciates the opportunity to provide comment on this Notice of Preparation and requests to be notified of when the Environmental Impact Report is available for public review and comment. You may email the Planning Division at planning@campbellca.gov for all future notices.

Sincerely,

Rob Eastwood
Community Development Director

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCl	85			

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — D. A. LAVELLE — No. 33227 — Exp. 6-30-98 — CIVIL — STATE OF CALIFORNIA

SANTA CLARA COUNTY
TRAFFIC AUTHORITY
1754 TECHNOLOGY DRIVE, SUIT 224
SAN JOSE, CA. 95110

BRIAN KANGAS FOULK
981 RIDDER PARK DRIVE, SUITE 100
SAN JOSE, CA.. 95131

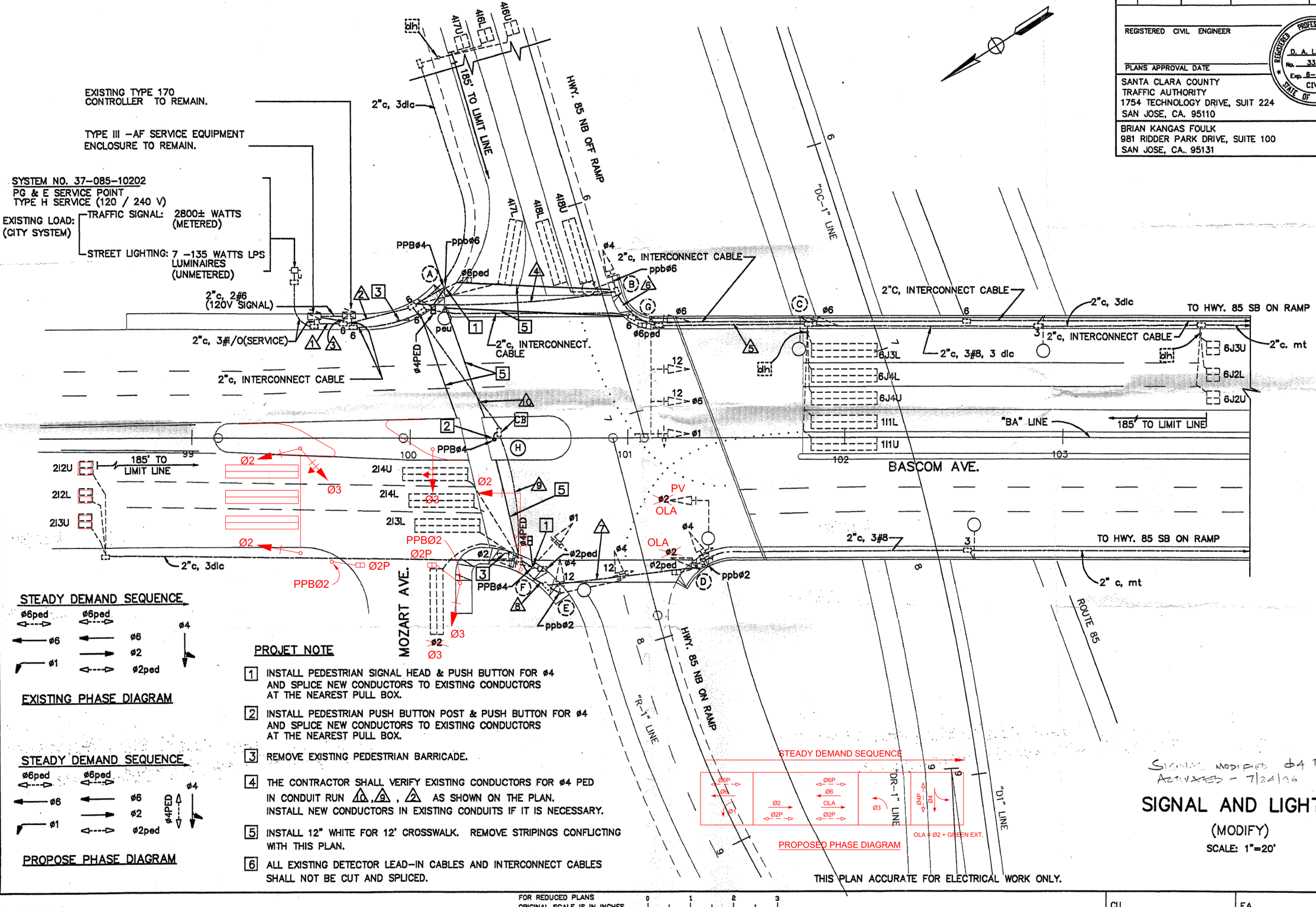
DATE | REVISED BY | DATE REVISED
CALCULATED/ DESIGNED BY
CHECKED BY
DESIGN OVERSIGHT

STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION — Caltrans

EXISTING TYPE 170 CONTROLLER TO REMAIN.

TYPE III –AF SERVICE EQUIPMENT ENCLOSURE TO REMAIN.

SYSTEM NO. 37–085–10202
PG & E SERVICE POINT
TYPE H SERVICE (120 / 240 V)
EXISTING LOAD: (CITY SYSTEM)
- TRAFFIC SIGNAL: 2800± WATTS (METERED)
- STREET LIGHTING: 7 –135 WATTS LPS LUMINAIRES (UNMETERED)



STEADY DEMAND SEQUENCE

ø6ped ø6ped ø4
ø6 ø6
ø1 ø2 ø2ped

EXISTING PHASE DIAGRAM

STEADY DEMAND SEQUENCE

ø6ped ø6ped ø4
ø6 ø6
ø4PED
ø1 ø2 ø2ped

PROPOSE PHASE DIAGRAM

PROJET NOTE

1. INSTALL PEDESTRIAN SIGNAL HEAD & PUSH BUTTON FOR ø4 AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS AT THE NEAREST PULL BOX.
2. INSTALL PEDESTRIAN PUSH BUTTON POST & PUSH BUTTON FOR ø4 AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS AT THE NEAREST PULL BOX.
3. REMOVE EXISTING PEDESTRIAN BARRICADE.
4. THE CONTRACTOR SHALL VERIFY EXISTING CONDUCTORS FOR ø4 PED IN CONDUIT RUN 10, 9, 2 AS SHOWN ON THE PLAN. INSTALL NEW CONDUCTORS IN EXISTING CONDUITS IF IT IS NECESSARY.
5. INSTALL 12" WHITE FOR 12' CROSSWALK. REMOVE STRIPINGS CONFLICTING WITH THIS PLAN.
6. ALL EXISTING DETECTOR LEAD–IN CABLES AND INTERCONNECT CABLES SHALL NOT BE CUT AND SPLICED.

Signals modified ø4 Ped Actuated – 7/24/96

SIGNAL AND LIGHTING

(MODIFY)

SCALE: 1"=20'

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

E–1

FORM DC–OE–91–PF (REV. 3/88)

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

CU | EA

California Department of Transportation

DISTRICT 4
OFFICE OF REGIONAL AND COMMUNITY PLANNING
P.O. BOX 23660, MS–10D | OAKLAND, CA 94623-0660
www.dot.ca.gov

July 5, 2023

SCH #: 2023060108
GTS #: 04-SCL-2022-01207
GTS ID: 27481
Co/Rt/Pm: SCL/85/10.07

Bethelhem Telahun, Environmental Project Manager
City of San Jose
200 East Santa Clara Street
San Jose, CA 95113

Re: Good Samaritan Hospital Project – Notice of Preparation (NOP) for a Draft Environmental Impact Report (DEIR)

Dear Bethelhem Telahun:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the Good Samaritan Hospital Project. We are committed to ensuring that impacts to the State's multimodal transportation system and to our natural environment are identified and mitigated to support a safe, sustainable, integrated and efficient transportation system.

The Local Development Review Program reviews land use projects and plans to ensure consistency with our mission and state planning priorities. The following comments are based on our review of the June 2023 NOP.

Project Understanding

HCA Healthcare, the project applicant, proposes to demolish the existing 359,000 square foot hospital and construct two new hospital wings totaling approximately 715,000 square feet, an approximately 200,000 square foot medical office building, two new parking garage structures totaling approximately 720,000 square feet, and one level of subterranean parking. Project implementation would require a new Planned Development Zoning District to authorize the uses proposed by the project. This project site is adjacent to State Route (SR)-85.

Construction-Related Impacts
Potential impacts to Caltrans' Right-of-Way (ROW) from project-related temporary access points should be analyzed. Mitigation for significant impacts due to construction and noise should be identified. Project work that requires movement of oversized or excessive load vehicles on State roadways requires a transportation permit that is issued by Caltrans. To apply, please visit Caltrans Transportation Permits (*link*).

Prior to construction, coordination may be required with Caltrans to develop a Transportation Management Plan (TMP) to reduce construction traffic impacts to the State Transportation Network (STN).

Equitable Access
If any Caltrans facilities are impacted by the project, those facilities must meet American Disabilities Act (ADA) Standards after project completion. As well, the project must maintain bicycle and pedestrian access during construction. These access considerations support Caltrans' equity mission to provide a safe, sustainable, and equitable transportation network for all users.

Encroachment Permit
Please be advised that any permanent work or temporary traffic control that encroaches onto Caltrans' ROW requires a Caltrans-issued encroachment permit. As part of the encroachment permit submittal process, you may be asked by the Office of Encroachment Permits to submit a completed encroachment permit application package, digital set of plans clearly delineating Caltrans' ROW, digital copy of signed, dated and stamped (include stamp expiration date) traffic control plans, this comment letter, your response to the comment letter, and where applicable, the following items: new or amended Maintenance Agreement (MA), approved Design Standard Decision Document (DSDD), approved encroachment exception request, and/or airspace lease agreement. Your application package may be emailed to D4Permits@dot.ca.gov.

To obtain information about the most current encroachment permit process and to download the permit application, please visit Caltrans Encroachment Permits (*link*).

Thank you again for including Caltrans in the environmental review process. Should you have any questions regarding this letter, please contact Llisel Ayon, Associate Transportation Planner, via LDR-D4@dot.ca.gov.

For future early coordination opportunities or project referrals, please contact LDR-D4@dot.ca.gov.

Sincerely,

YUNSHENG LUO
Acting District Branch Chief
Local Development Review

c: State Clearinghouse

APPENDIX B

AIR QUALITY ASSESSMENT

Air Quality Assessment
Good Samaritan Hospital Project
City of San José, California

Prepared by:
Kimley-Horn and Associates, Inc.
10 South Almaden Boulevard, Suite 1250
San José, California 95113
Contact: Noemi Wyss, AICP

Kimley»Horn
Expect More. Experience Better.

May 2024

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Appendix A: Air Quality Modeling Data

LIST OF ABBREVIATED TERMS

AQMP	air quality management plan
ATCM	Air Toxic Control Measure
AB	Assembly Bill
APN	Assessor's Parcel Number
ABAG	Association of Bay Area Governments
BAAQMD	Bay Area Air Quality Management District
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAAQS	California Ambient Air Quality Standards
CCAA	California Clean Air Act
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CO	carbon monoxide
cy	cubic yards
DPM	diesel particulate matter
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
GHG	Greenhouse Gas
H_2S	hydrogen sulfide
Pb	Lead
MEI	Maximally Exposed Individual
MTC	Metropolitan Transportation Commission
$\mu g/m^3$	micrograms per cubic meter
mg/m^3	milligrams per cubic meter
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide
NO_x	nitrogen oxide
O_3	Ozone
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
ppm	parts per million
ROG	reactive organic gases
SFBAAB	San Francisco Bay Area Air Basin
SB	Senate Bill
SF	square foot
SIP	State Implementation Plan
SO_{4-2}	Sulfates
SO_2	sulfur dioxide
TAC	toxic air contaminant
TOG	Total Organic Gases
TDM	Transportation Demand Measures
C_2H_3Cl	vinyl chloride
VOC	volatile organic compound

1 INTRODUCTION

This section describes effects on air quality conditions from the Project. The current condition and quality of air quality was used as the baseline against which to compare potential impacts of the Project. The purpose of this Air Quality Assessment is to evaluate potential short- and long-term air quality impacts resulting from implementation of the proposed Good Samaritan Hospital Project in the City of San José.

1.1 PROJECT LOCATION

The approximately 20-acre Project site is located at 2425 Samaritan Drive and 2333 Samaritan Place (Assessor's Parcel Number [APNs]: 421-36-009 and 421-36-011). Regionally, Good Samaritan Hospital is in the southwestern region of San José within an urban area that contains a mix of medical offices and clinics as well as single and multi-family residential developments. The northern boundary of the Project site abuts the eastbound on-ramp to SR-65. To the south of the Project site are various medical office buildings. Along the eastern boundary of the Project site is the Cambrian Center, a multi-family residential complex along with existing single-family residences. Along the western boundary of the Project site is the Samaritan Medical Center, a medical office complex with surface parking. Figure 1: Regional Vicinity and Figure 2: Site Vicinity, depict the Project site in a regional and local context.

1.2 PROJECT DESCRIPTION

Located in an urban area with a mix of commercial uses, single-family, and multi-family residential developments, the Project site is currently the Good Samaritan Hospital campus. The campus contains a day care center, two building structures (Building A and Building B), a helipad in the northwest corner of the site, and surface parking. The existing hospital building is divided into two different wings. Building A is the main building with emergency operations totaling approximately 359,000 square feet (sf), and Building B operates as a women's and children's services wing totaling approximately 85,000 sf. With the day care center totaling approximately 6,700 sf, the existing hospital campus is approximately 450,700 sf. Figure 3: Existing Conditions depict the Project site along with the current existing uses.

The proposed Project's existing land use designation is Neighborhood/Community Commercial (NCC), and the existing zoning designation is Planned Development (Agriculture Base District) (A(PD)). Project implementation would require a new Planned Development District to authorize the Project's uses, therefore a zone change would be required. Specifically, a rezone (File No. PDC22-132) from the existing (A(PD)) Planned Development Zoning District to the Commercial General Planned Development (CG(PD)) Zoning District would be required.[1] The new (CG(PD)) Planned Development Zoning District would authorize the new hospital wing components and additional uses (i.e., cafeterias and retail shops), as well as updated standards to address the modernization of the hospital's healthcare system and operations. In addition, a new planned development permit(s) would be required to implement the new PD Zoning.

Although the Project would be constructed in phases, the hospital would plan and stage operations throughout the expansion in order to allow for continuous uninterrupted operation of the hospital. Construction for all phases would follow a conventional construction sequence of demolition, site

[1] The file number that refers to the rezone from the existing A(PD) to the CGCG(PD) is PDC22-132. Available at https://www.sanjoseca.gov/home/showpublisheddocument/98866/638212178270430000, accessed July 11, 2023.

preparation, grading/earthwork, paving, building construction, and architectural coating. See Figure 4: Project Site Plan for more details.

Phase 1

Phase 1 would include demolition of 20,946 square feet in Building A and demolition of the 6,700 sf daycare center to construct a new 253,000-square –foot, five-story parking garage (Garage East), a 23,750-square-foot detached central utility plant and underground water and sewer tanks, and an approximately 548,444-square-foot, eight-story hospital building (Building C).

Garage East would be in the northeastern region of the Project site and would provide 653 parking spaces. Additionally, a new loading dock and accompanying dock canopy is proposed at grade-level on the west side of Building C, north of the existing four-story Women's and Children Center hospital wing (existing Building B). The loading area would be accessed from an internal drive aisle from Samaritan Drive, and the northern perimeter drive aisle.

In Phase 1, a Health Care Access and Information (HCAI) compliant two-story approximately 23,750 sf Central Utility Plant, Mechanical Yard, and Oxygen (O_2) Yard is proposed to the east of proposed Building C and west of Garage East to provide power and utility infrastructure to support the hospital operations.

Phase 1 would result in approximately 40,000 cubic yards (cy) of soil export from the Project site and approximately 10,000 cy of soil import. Construction Phase 1 would occur over approximately 5.8 years (i.e., 69 months), anticipated to begin in March 2024. See Figure 5: Proposed Project Phase 1 Conceptual Site Plan for more details.

Phase 2

In Phase 2 the existing non-seismically-compliant hospital building (Building A) would be demolished totaling approximately 338,054 sf of demolition. The basement of the demolished hospital would be infilled with approximately 16 feet of fill and then approximately 421 surface parking stalls would be constructed.

Phase 2 would result in approximately 1,000 cy of soil export and 70,000 cy of soil import. Phase 2 is anticipated to begin in 2029 and occur over approximately two years. See Figure 6: Proposed Project Phase 2 Conceptual Site Plan for more details.

Phase 3

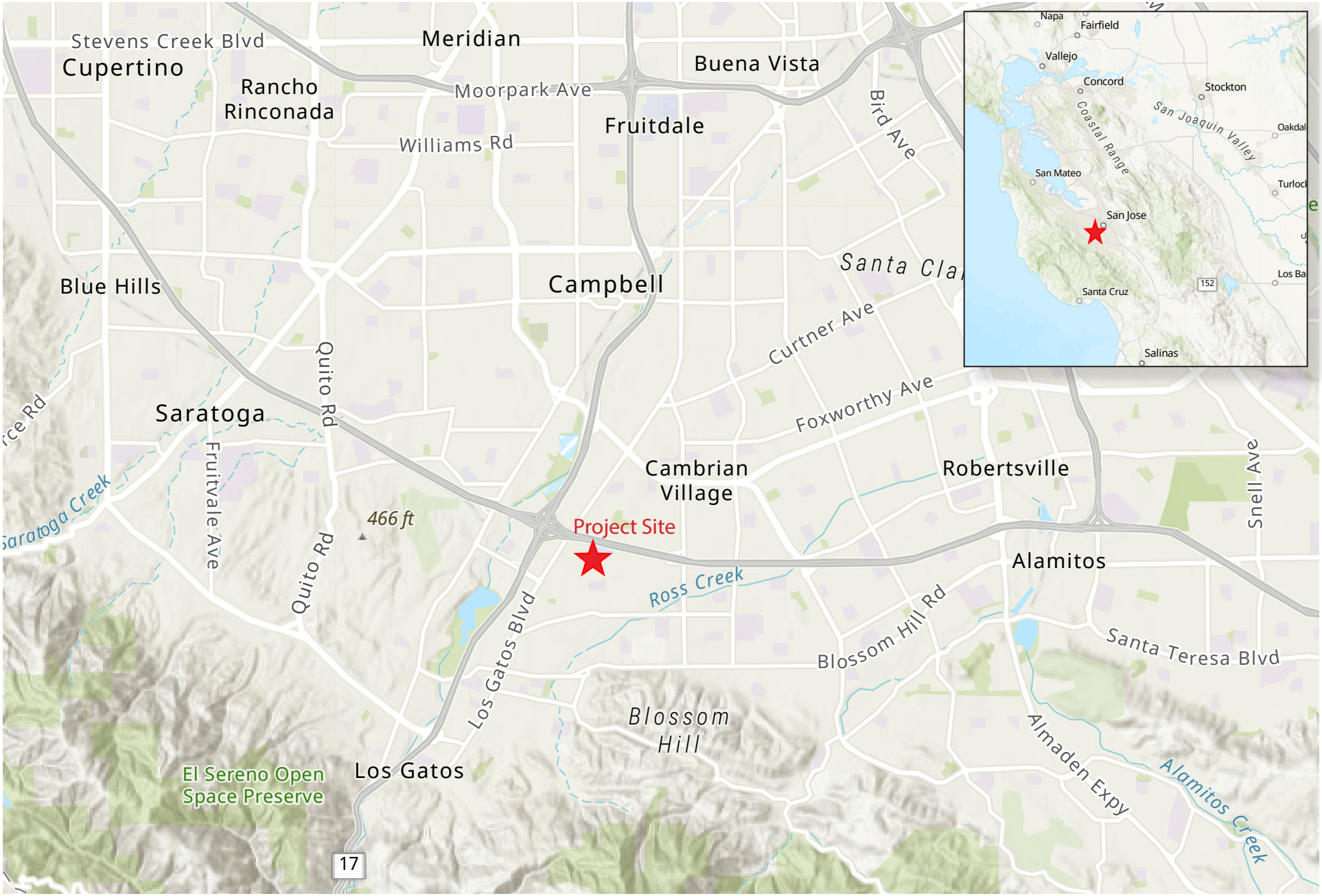
Phase 3 would construct an approximately 202,000 sf hospital wing (Building D), an approximately 200,000 sf medical office building (Building E), and an approximately 425,208 sf six-story garage structure (Garage West) with up to 1,154 parking stalls.

Building E is proposed to be constructed at the southern edge of the Project site, near the intersection of Samaritan Drive at Samaritan Place and would be seven stories tall with a basement (eight stories) and have approximately 25,000 sf of office space per floor, for a total of approximately 200,000 sf.

Additional patient, staff, and visitor parking would be provided in a new free-standing parking structure (Garage West) located on the western edge of the site. Garage West would be fully constructed in Phase 3 and would have approximately 1,154 parking spaces with five levels of parking, including basement. At

Phase 3 completion the Good Samaritan Hospital would have up to 2,179 parking spaces. See Figure 7: Proposed Buildout Conceptual Site Plan for more details.

Phase 3 would result in approximately 21,000 CY of soil export and 5,000 CY of soil import. Phase 3 would be constructed over approximately 2.8 years (i.e., 34 months) starting in 2032. The schedule for construction in all phases would typically occur six days a week (Monday through Saturday) from 7:00 a.m. to 7:00 p.m. since the Project is within 500 feet of a residence. More detail on Project proximity to sensitive receptors is discussed in **Section 2.4**.



Source: USGS, 2023

Figure 1: Regional Vicinity

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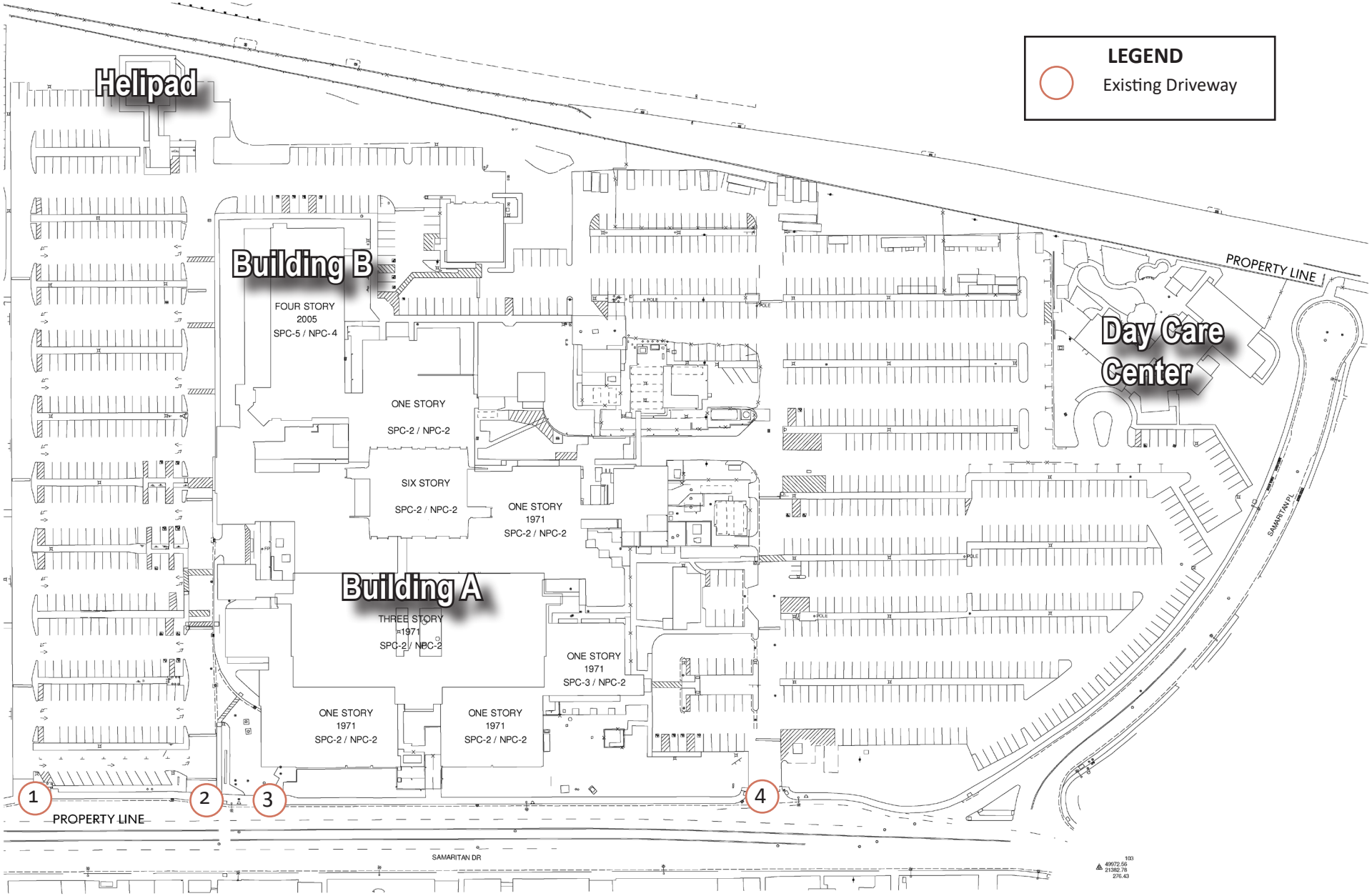
Source: Nearmap, 2023

Figure 2: Site Vicinity

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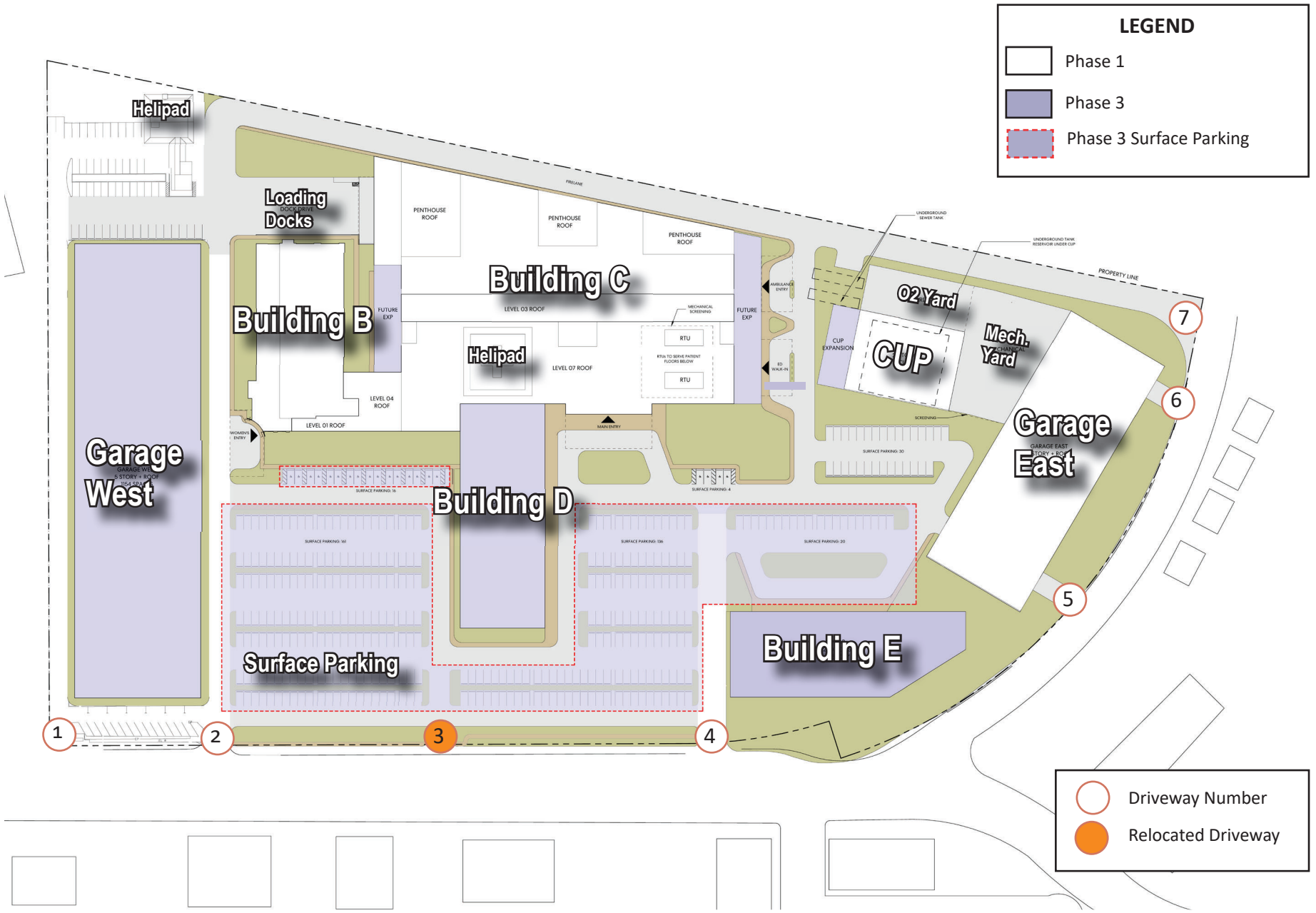
Source: Kimley-Horn, 2023

Figure 3: Existing Conditions

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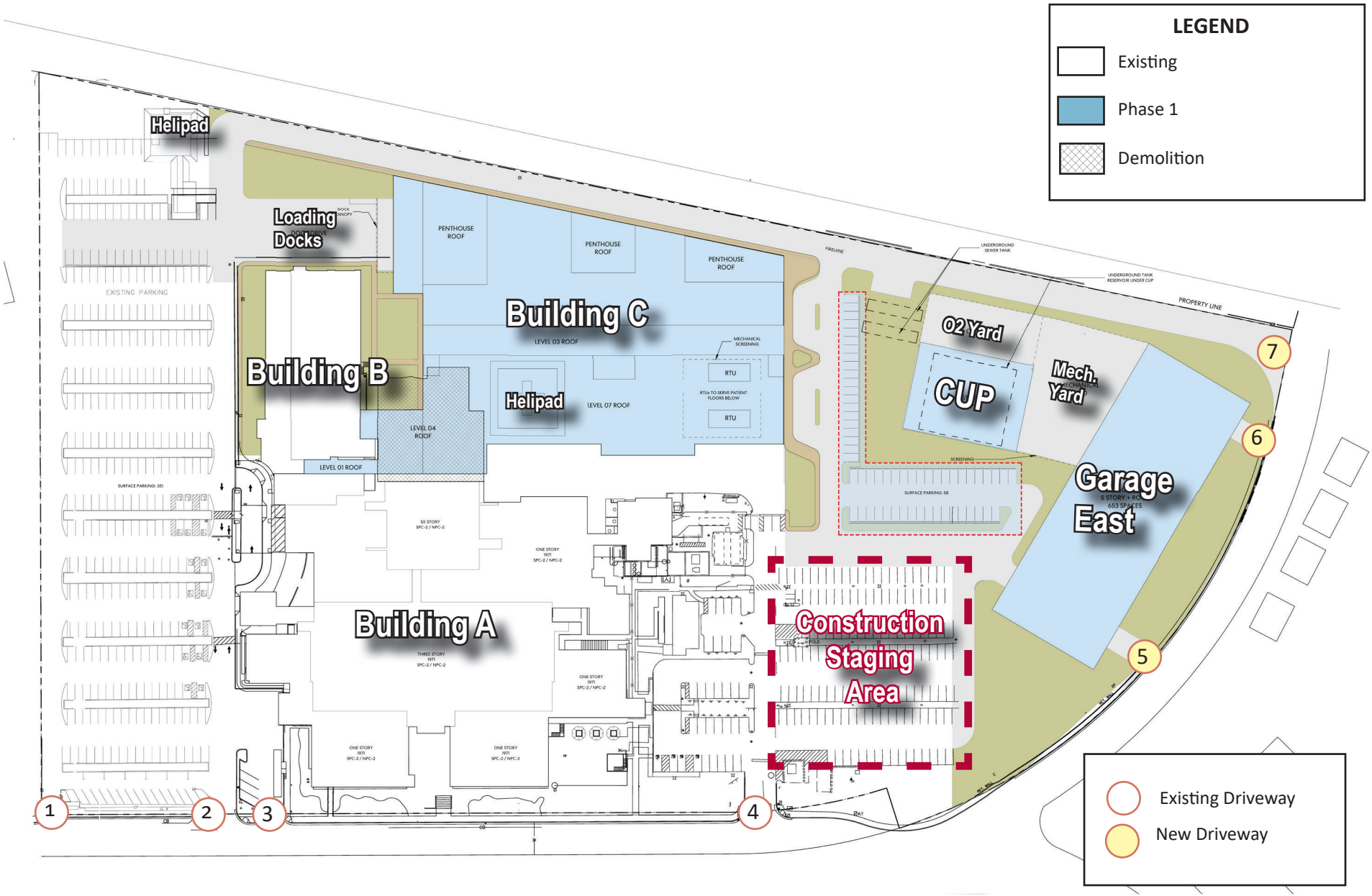
Source: Perkins and Will, 2023

Figure 4: Project Site Plan

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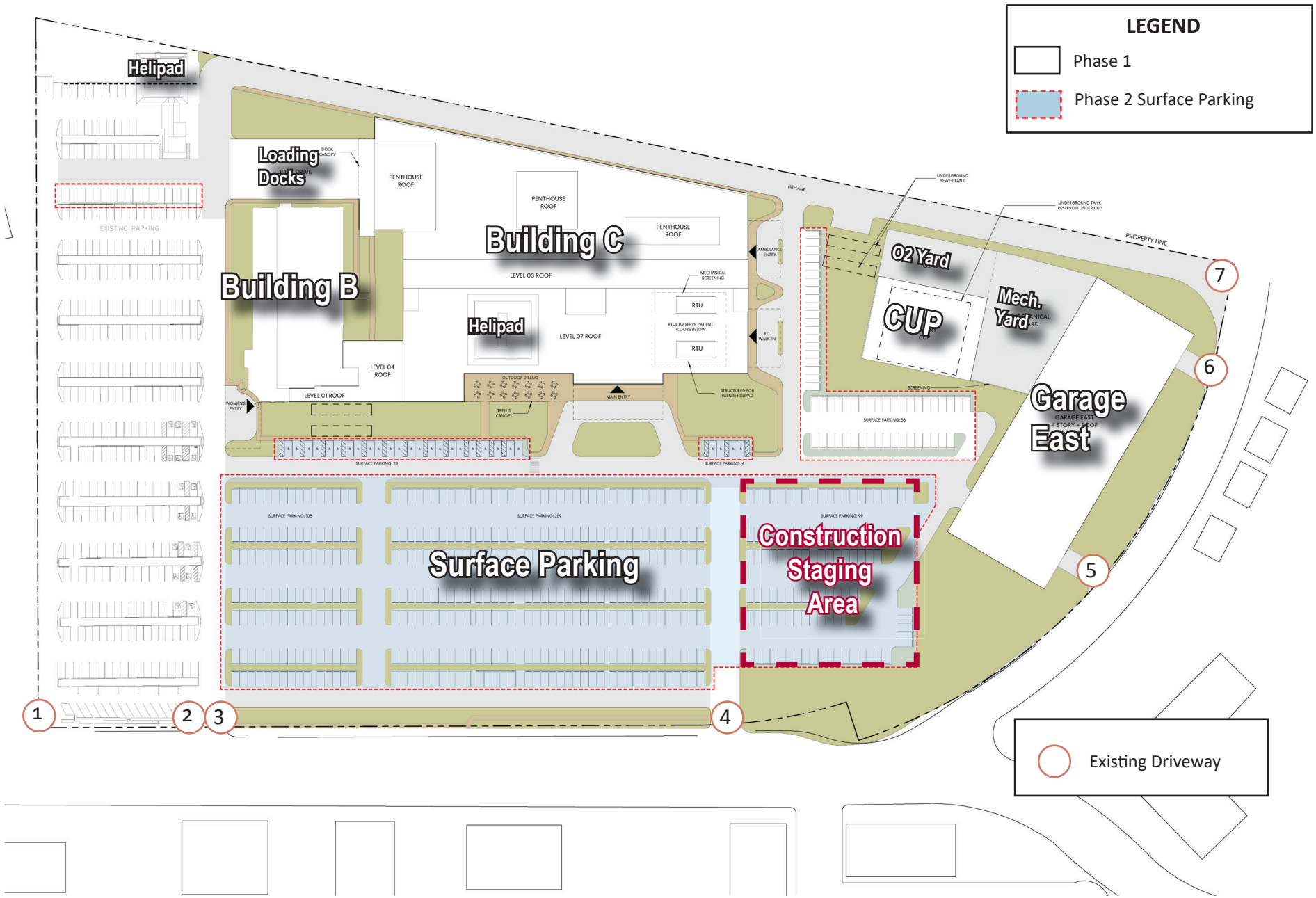
Source: Perkins and Will, 2023

Figure 5: Proposed Project Phase 1 Conceptual Site Plan

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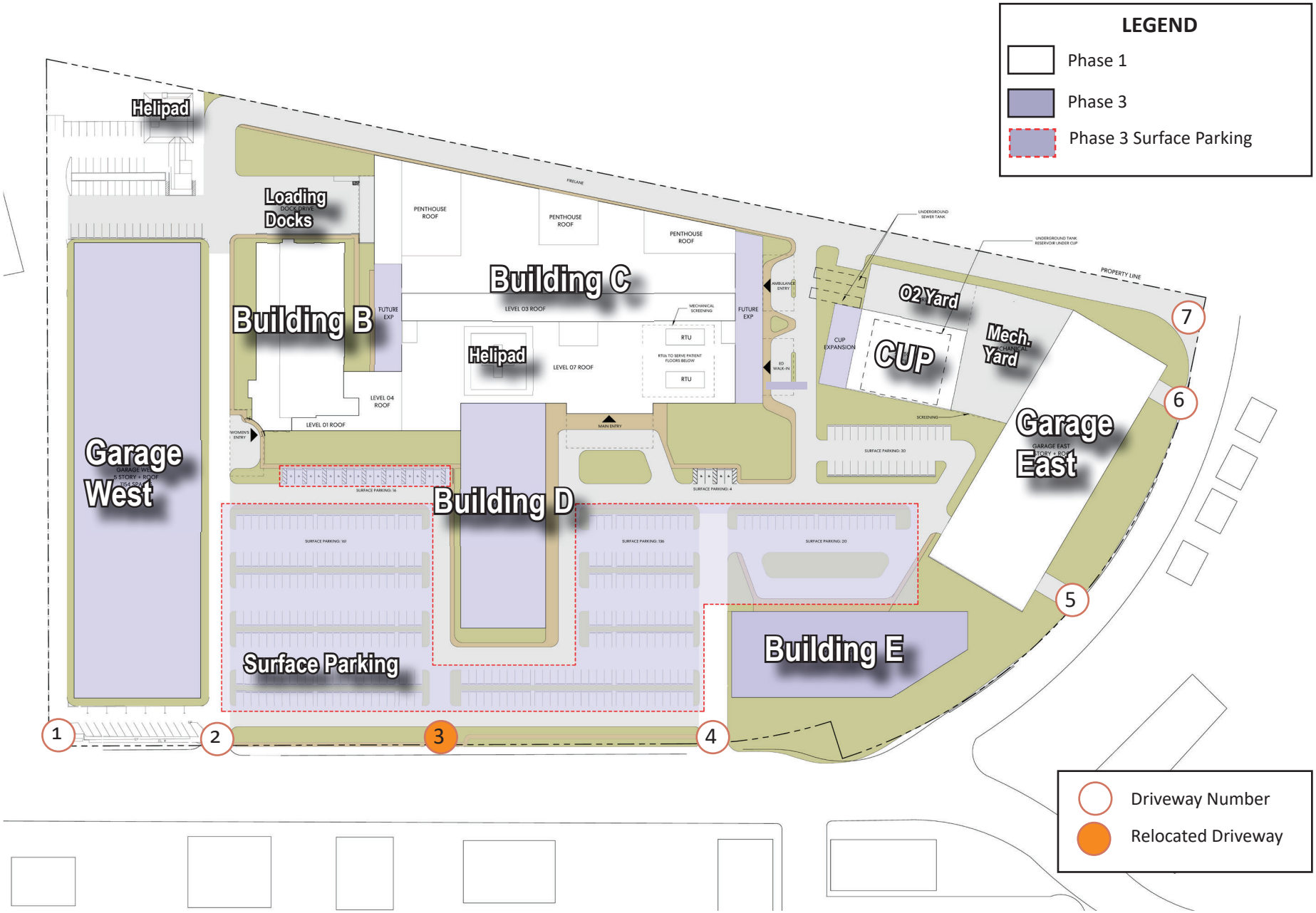
Source: Perkins and Will, 2023

Figure 6: Proposed Project Phase 2 Conceptual Site Plan

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Source: Perkins and Will, 2023

Figure 7: Proposed Buildout Conceptual Site Plan

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2 ENVIRONMENTAL SETTING

2.1 CLIMATE AND METEOROLOGY

The California Air Resources Board (CARB) divides the State into 15 air basins that share similar meteorological and topographical features. The Project is located within the San Francisco Bay Area Air Basin (SFBAAB, Air Basin, or Basin). This Basin comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara counties, the southern portion of Sonoma County, and the southwestern portion of Solano County. Air quality in this area is determined by natural factors such as topography, meteorology, and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors along with applicable regulations are discussed below. The Bay Area Air Quality Management District (BAAQMD) is responsible for local control and monitoring of criteria air pollutants throughout the Basin.

Climate, or the average weather condition, affects air quality in several ways. Wind patterns can remove or add air pollutants emitted by stationary or mobile sources. Inversion, a condition where warm air traps cooler air underneath it, can hold pollutants near the ground by limiting upward mixing (dilution). Topography also affects the local climate, as valleys often trap emissions by limiting lateral dispersal.
The inversions typical of winter, called radiation inversions, are formed as heat quickly radiates from the earth's surface after sunset, causing the air in contact with it to rapidly cool. Radiation inversions are strongest on clear, low-wind, cold winter nights, allowing the build-up of such pollutants as carbon monoxide (CO) and particulate matter. When wind speeds are low, there is little mechanical turbulence to mix the air, resulting in a layer of warm air over a layer of cooler air next to the ground. During radiation inversions downwind transport is slow, the mixing depths are shallow, and turbulence is minimal, all factors which contribute to ozone (O_3) formation.

The frequency of hot, sunny days during the summer months in the Basin is another important factor that affects air pollution potential. It is at the higher temperatures that O_3 is formed. In the presence of ultraviolet sunlight and warm temperatures, reactive organic gases (ROG) and oxides of nitrogen react to form secondary photochemical pollutants, including O_3.

The climate is dominated by the location and strength of a semi-permanent, subtropical high-pressure cell. In the summer, the Pacific cell is centered over the northeastern Pacific Ocean, resulting in stable meteorological conditions and a steady northwesterly wind flow. Upwelling of cold ocean water from below the surface because of the northwesterly flow produces a band of cold water off the coast which results in condensation and the presence of fog and stratus clouds along the coast. In the winter, the high-pressure cell weakens and shifts southward, resulting in increased wind flow offshore, the absence of upwelling, and the occurrence of storms.

The Basin is characterized by moderately wet winters (November through March) and dry summers. The rainfall in the mountains reaches 40 inches while the valley sees less than 16 inches. Generally, coastal temperatures can be 35 degrees Fahrenheit cooler than temperatures 15 to 20 miles inland. At night, this contrast usually decreases to less than 10 degrees Fahrenheit. In the winter, the relationship of minimum and maximum temperatures is reversed.

The Project site is located in the City of San José and Santa Clara County, on the southern perimeter of the San Francisco Bay. The City of San José has a generally mild climate, with average temperatures in the low

80's Fahrenheit in the summer and high 50's Fahrenheit in the winter. The annual rainfall is approximately 19 inches in the City, primarily between November and April. The regulatory section below discusses the regulations in place to reduce adverse health and nuisance impacts from air emissions on nearby receptors.

2.2 AIR POLLUTANTS OF PRIMARY CONCERN

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state laws. These regulated air pollutants are known as "criteria air pollutants" and are categorized into primary and secondary pollutants. Primary air pollutants are those that are emitted directly from sources. CO, ROG, nitrogen oxide (NO_X), sulfur dioxide (SO_2), particulate matter 10 microns or less in diameter (PM_{10}), particulate matter 2.5 microns or less in diameter ($PM_{2.5}$), and lead (Pb) are primary air pollutants. Of these, CO, NO_X, SO_2, PM_{10}, and $PM_{2.5}$ are primary criteria pollutants. ROG and NO_X are criteria pollutant precursors and go on to form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. For example, the criteria pollutant O_3 is formed by a chemical reaction between ROG and NO_X in the presence of sunlight. O_3 and nitrogen dioxide (NO_2) are the principal secondary pollutants. Sources and health effects commonly associated with criteria pollutants are summarized in Table 1: Air Contaminants and Associated Public Health Concerns.

O_3, or smog, is not emitted directly into the environment, but is formed in the atmosphere by complex chemical reactions between ROG and NO_X in the presence of sunlight. O_3 formation is greatest on warm, windless, sunny days. The main sources of NO_X and ROG, often referred to as O_3 precursors, are combustion processes (including motor vehicle engines) the evaporation of solvents, paints, and fuels, and biogenic sources. Automobiles are the single largest source of O_3 precursors in the Basin. Tailpipe emissions of ROG are highest during cold starts, hard acceleration, stop-and-go conditions, and slow speeds. They decline as speeds increase up to about 50 miles per hour (mph), then increase again at high speeds and high engine loads. ROG emissions associated with evaporation of unburned fuel depend on vehicle and ambient temperature cycles. NO_x emissions exhibit a different curve; emissions decrease as the vehicle approaches 30 mph and then begin to increase with increasing speeds.

O_3 levels usually build up during the day and peak in the afternoon hours. Short-term exposure can irritate the eyes and cause constriction of the airways. Besides causing shortness of breath, it can aggravate existing respiratory diseases such as asthma, bronchitis, and emphysema. Chronic exposure to high O_3 levels can permanently damage lung tissue. O_3 can also damage plants and trees, and materials such as rubber and fabrics.

Table 1: Air Contaminants and Associated Public Health Concerns

Pollutant	Major Man-Made Sources	Human Health Effects
Particulate Matter (PM_{10} and $PM_{2.5}$)	Power plants, steel mills, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; asthma; chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility.
Ozone (O_3)	Formed by a chemical reaction between reactive organic gases/volatile organic compounds (ROG or VOC)[1] and nitrogen oxides (NO_X) in the presence of sunlight. Motor vehicle exhaust industrial emissions,	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing, and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.

Pollutant	Major Man-Made Sources	Human Health Effects
	gasoline storage and transport, solvents, paints and landfills.	
Sulfur Dioxide (SO_2)	A colorless gas formed when fuel containing sulfur is burned and when gasoline is extracted from oil. Examples are petroleum refineries, cement manufacturing, metal processing facilities, locomotives, and ships.	Respiratory irritant. Aggravates lung and heart problems. In the presence of moisture and oxygen, sulfur dioxide converts to sulfuric acid which can damage marble, iron, and steel. Damages crops and natural vegetation. Impairs visibility. Precursor to acid rain.
Carbon Monoxide (CO)	An odorless, colorless gas formed when carbon in fuel is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.
Nitrogen Dioxide (NO_2)	A reddish-brown gas formed during fuel combustion for motor vehicles and industrial sources. Sources include motor vehicles, electric utilities, and other sources that burn fuel.	Respiratory irritant; aggravates lung and heart problems. Precursor to ozone. Contributes to global warming and nutrient overloading which deteriorates water quality. Causes brown discoloration of the atmosphere.
Lead (Pb)	Lead is a metal found naturally in the environment as well as in manufactured products. The major sources of lead emissions have historically been motor vehicles (such as cars and trucks) and industrial sources. Due to the phase out of leaded gasoline, metals processing is the major source of lead emissions to the air today. The highest levels of lead in air are generally found near lead smelters. Other stationary sources are waste incinerators, utilities, and lead-acid battery manufacturers.	Exposure to lead occurs mainly through inhalation of air and ingestion of lead in food, water, soil, or dust. It accumulates in the blood, bones, and soft tissues and can adversely affect the kidneys, liver, nervous system, and other organs. Excessive exposure to lead may cause neurological impairments such as seizures, mental retardation, and behavioral disorders. Even at low doses, lead exposure is associated with damage to the nervous systems of fetuses and young children, resulting in learning deficits and lowered IQ.

[1] Volatile Organic Compounds (VOCs or Reactive Organic Gases [ROG]) are hydrocarbons/organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including ROGs and VOCs. Both ROGs and VOCs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. The major sources of hydrocarbons are combustion engine exhaust, oil refineries, and oil-fueled power plants; other common sources are petroleum fuels, solvents, dry cleaning solutions, and paint (via evaporation).

Source: California Air Pollution Control Officers Association (CAPCOA), *Health Effects*, https://evogov.s3.amazonaws.com/media/17/media/119598.pdf, accessed July 11, 2023.

Toxic Air Contaminants

Toxic air contaminants (TACs) are airborne substances that can cause short-term (acute) or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes more than 200 compounds, including particulate emissions from diesel-fueled engines.

CARB identified diesel particulate matter (DPM) as a toxic air contaminant. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. Diesel exhaust is a complex mixture of particles and gases produced when an engine burns diesel fuel. DPM is a concern because it causes lung cancer; many compounds found in diesel exhaust are carcinogenic. DPM includes the particle-phase constituents in diesel exhaust. The chemical composition and particle sizes of DPM vary between different engine types (heavy-duty, light-duty), engine operating conditions (idle, accelerate, decelerate), fuel formulations (high/low sulfur fuel), and the year of the engine. Some short-term (acute)

effects of diesel exhaust include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

Odors

Although offensive odors rarely cause physical harm, they can be unpleasant and lead to considerable distress among the public. This distress often generates citizen complaints to local governments and air districts. According to BAAQMD's California Environmental Quality Act (CEQA) Guidelines and CARB's Air Quality and Land Use Handbook, land uses associated with odor complaints typically include wastewater treatment plants, landfills, confined animal facilities, composting stations, food manufacturing plants, refineries, chemical plants, petroleum refineries, auto body shops, coating operations, fiberglass manufacturing plants, foundries, rendering plants, and livestock operations. BAAQMD provides recommended screening distances for citing new receptors near existing odor sources.

2.3 AMBIENT AIR QUALITY

CARB monitors ambient air quality at approximately 250 air monitoring stations across the state. Air quality monitoring stations usually measure pollutant concentrations ten feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. Existing ambient air quality levels, historical trends, and projections near the Project site are documented by measurements made by BAAQMD's air pollution regulatory agency that maintains air quality monitoring stations, which process ambient air quality measurements.

O_3 and particulate matter (PM_{10} and $PM_{2.5}$) are pollutants of concern in the Basin. The closest air monitoring station to the Project site that monitors ambient concentrations of these pollutants is the Los Gatos Monitoring Station (located approximately 3.4 miles southwest of the Project site). The second closest is the San José-Jackson Street Monitoring Station located approximately 12.7 miles northeast of the Project site. Local air quality data from 2019 to 2021 is provided in Table 2: Ambient Air Quality Data lists the monitored maximum concentrations and number of exceedances of federal or state air quality standards for each year. State particulate matter standards (PM_{10} and $PM_{2.5}$) were exceeded in 2020, 2021 and 2022 at one of the closest monitoring stations.

Table 2: Ambient Air Quality Data

Pollutant	Los Gatos[1]			San José- Jackson Street[2]		
	2020	2021	2022	2020	2021	2022
Ozone (O_3)						
1-hour Maximum Concentration (ppm)	0.107	0.090	0.080	0.106	0.098	0.090
8-hour Maximum Concentration (ppm)	0.085	0.083	0.069	0.085	0.084	0.074
Number of Days Standard Exceeded						
CAAQS 1-hour (>0.09 ppm)	1	0	0	1	3	0
NAAQS 8-hour (>0.070 ppm)	3	3	0	2	4	1
Nitrogen Dioxide (NO_2)						
1-hour Maximum Concentration (ppm)	--	--		51.9	47.8	46.8
Number of Days Standard Exceeded						
NAAQS 1-hour (>100 ppm)	--	--		0	0	0
CAAQS 1-hour (>0.18 ppm)	--	--		0	0	0

Pollutant	Los Gatos [1]			San José- Jackson Street[2]		
	2020	2021	2022	2020	2021	2022
Particulate Matter 2.5 Microns or Less ($PM_{2.5}$)						
National 24-hour Maximum Concentration	--	--		120.5	38.1	36.2
State 24-hour Maximum Concentration	--	--		120.5	38.1	36.2
Number of Days Standard Exceeded						
NAAQS 24-hour (>150 µg/m³)	--	--		12	1	2
CAAQS 24-hour (>50 µg/m³)	--	--		13	12	12
Particulate Matter 10 Microns or Less (PM_{10})						
National 24-hour Maximum Concentration	--	--		134.9	42.8	41.1
State 24-hour Maximum Concentration	--	--		137.1	45.1	44.5
Number of Days Standard Exceeded						
NAAQS 24-hour (>150 µg/m³)	--	--		0	0	0
CAAQS 24-hour (>50 µg/m³)	--	--		10	0	0

NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million; µg/m³ = micrograms per cubic meter; NM = not measured

1. Measurements taken at the Los Gatos Monitoring Station located at 306 University Avenue, Los Gatos, California 95030 (CARB# 43380).
2. Measurements taken at the San José-Jackson Street Monitoring Station located at 156B Jackson Street, San José, California 95112 (CARB# 43383).

Source: All pollutant measurements are from the CARB Aerometric Data Analysis and Management system database, arb.ca.gov/adam, accessed October 31, 2023.

2.4 SENSITIVE RECEPTORS

Sensitive populations are more susceptible to the effects of air pollution than the general population. Sensitive receptors in proximity to localized sources of toxics are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.

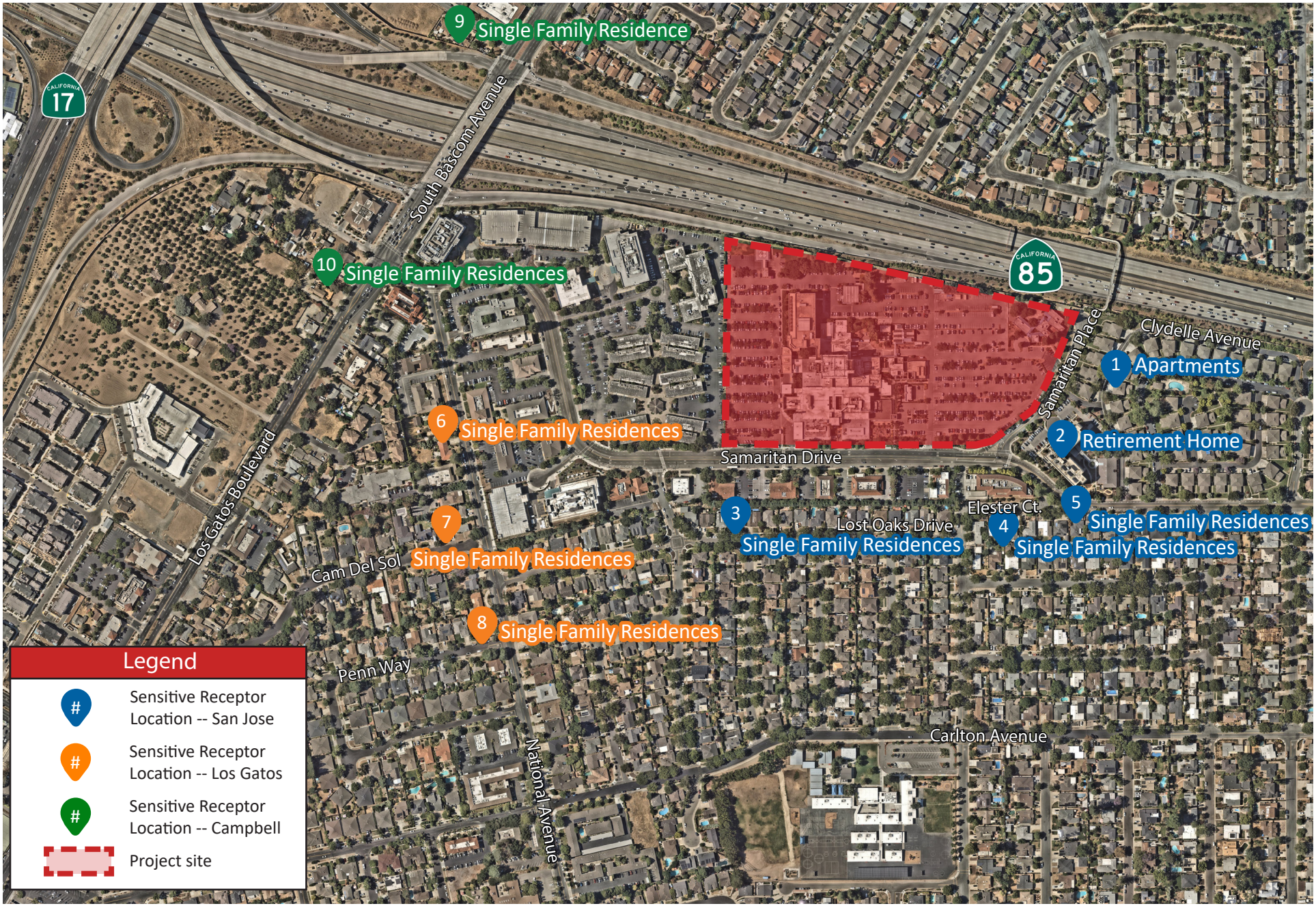
The Project site is located in an urban area in City of San José. As shown in Figure 8: Sensitive Receptors, the surrounding land uses are predominantly residential to the east and southeast of the Project site. The eastern boundary of the site includes apartments across Samaritan Place. Table 3: Sensitive Receptors, lists the distances and locations of nearby sensitive receptors, which primarily include single- family and multi-family residences. These distances are from the Project site to the sensitive receptor property line.

Table 3: Sensitive Receptors

Receptor Description	Distance and Direction from the Project Site
Multi-family residences along Samaritan Place	45 feet east
Cambrian Center Retirement Home	50 feet southeast
Residences along Lost Oaks Drive	200 feet south
Residences along Elester Court	230 feet southeast
Residences along Samaritan Drive	480 feet southeast

1. Distances are measured from the Project site boundary to the property line.

Source: Google Earth, 2023.



Source: Nearmap, 2023

Figure 8: Sensitive Receptors

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Technical Report

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3 REGULATORY SETTING

3.1 FEDERAL

Federal Clean Air Act

Air quality is federally protected by the Federal Clean Air Act (FCAA) and its amendments. Under the FCAA, the EPA developed the primary and secondary National Ambient Air Quality Standards (NAAQS) for the criteria air pollutants including O_3, NO_2, CO, SO_2, PM_{10}, $PM_{2.5}$, and lead. The standards are set at levels protective of human health. Depending on whether the standards are met or exceeded, the local air basin is classified as in "attainment" or "nonattainment." Some areas are unclassified, which means no monitoring data are available. Unclassified areas are considered to be in attainment. Proposed projects in or near nonattainment areas could be subject to more stringent air-permitting requirements. The FCAA requires that each state prepare a State Implementation Plan (SIP) to demonstrate how it will attain the NAAQS within the federally imposed deadlines. The U.S. Environmental Protection Agency (EPA) has designated enforcement of air pollution control regulations to the individual states. Applicable federal standards are summarized in Table 4: State of California.

Corporate Average Fuel Economy Standards

In October 2012, the EPA and the National Highway Traffic Safety Administration (NHSTA), on behalf of the Department of Transportation, issued final rules to further reduce greenhouse gas (GHG) emissions and improve corporate average fuel economy (CAFE) standards for light-duty vehicles for model years 2017 and beyond (77 Federal Register [FR] 62624). NHTSA's CAFE standards have been enacted under the Energy Policy and Conservation Act since 1978. This national program requires automobile manufacturers to build a single light-duty national fleet that meets all requirements under both federal programs and the standards of California and other states. This program would increase fuel economy to the equivalent of 54.5 miles per gallon (mpg) limiting vehicle emissions to 163 grams of carbon dioxide (CO_2) per mile for the fleet of cars and light-duty trucks by model year 2025. In August 2022, NHTSA announced that it intends to prepare an environmental impact statement to analyze the potential environmental impacts of new CAFE standards for model years 2027 and beyond for passenger cars and light trucks, and new fuel efficiency standards for model years 2029 and beyond for heavy-duty pickup trucks and vans. In July 2023, the NHTSA officially proposed the new CAFÉ standards and invited public comments.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[2] The PM emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the nitrogen oxide (NOX) and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. In December 2022, the EPA final rule set new, more stringent standards to reduce NO_X pollution from heavy-duty vehicles and engines starting in model year 2027. The

[2] United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

rule will reduce NO_X emissions from heavy-duty trucks by almost 50 percent by 2045, producing significant health-related benefits.[3]

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 1 through Tier 3 standards are to be increasingly more stringent, respectively, and vary by pollutant and engine size. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4 standards require that emissions of PM and NO_X be further reduced by about 90% from Tier 3 standards. CARB currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce oxides of nitrogen (NO_X) and particulate matter (PM) emissions from new, off-road compression-ignition (CI) engines, by an additional 50% to 90%, compared to what is allowed by today's Tier 4 final emission standards.

3.2 STATE

California Air Resources Board

CARB administers California's air quality policy. The California Ambient Air Quality Standards (CAAQS) were established in 1969 pursuant to the Mulford-Carrell Act. These standards, included with the NAAQS in Table 4, are generally more stringent and apply to more pollutants than the NAAQS, and also are set at levels the state has determined to be protective of human health. In addition to the criteria pollutants, CAAQS have been established for visibility reducing particulates, hydrogen sulfide (H_2S), and sulfates (SO_{4-2}). In general, the Bay Area experiences low concentrations of most pollutants when compared to federal standards, except for O_3 and PM, for which standards are exceeded periodically. With respect to federal standards, the Bay Area's attainment status for 8-hour O_3 is classified as "marginal nonattainment" and "nonattainment" for $PM_{2.5.}$ The region is also considered to be in nonattainment with the CAAQS for PM_{10} and $PM_{2.5}$. Area sources generate the majority of these airborne particulate emissions. The Basin is considered in attainment or unclassified with respect to the CO, NO_2 and SO_2 NAAQS and CAAQS.

The California Clean Air Act (CCAA) requires that each local air district prepare and maintain an Air Quality Management Plan (AQMP) to achieve compliance with CAAQS. These AQMPs also serve as the basis for the preparation of the SIP for meeting federal clean air standards for the State of California. Like the EPA, CARB also designates areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data shows that a state standard for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events such as wildfires, volcanoes, etc. are not considered violations of a State standard, and are not used as a basis for designating areas as nonattainment. The applicable State standards are summarized in Table 4.

[3] United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.

Table 4: State and Federal Ambient Air Quality Standards

Pollutant	Averaging Time	State Standards[1]		Federal Standards[2]	
		Concentration	Attainment Status	Concentration[3]	Attainment Status
Ozone (O_3)	1 Hour	0.09 ppm (180 µg/m³)	N	NA	N/A[4]
	8 Hour	0.070 ppm (137 µg/m³)	N[9]	0.070 ppm	N[5]
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m³)	A	35 ppm (40 mg/m³)	A
	8 Hour	9.0 ppm (10 mg/m³)	A	9 ppm (10 mg/m³)	A[6]
Nitrogen Dioxide (NO_2)	1 Hour	0.18 ppm (339 µg/m³)	A	0.100 ppm (188 µg/m³)[11]	U
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	-	0.053 ppm (100 µg/m³)	A
Sulfur Dioxide[12] (SO_2)	1 Hour	0.25 ppm (655 µg/m³)	A	0.075 ppm (196 µg/m³)	A
	24 Hour	0.04 ppm (105 µg/m³)	A	0.14 ppm (365 µg/m³)	A
	Annual Arithmetic Mean	NA	-	0.030 ppm (80 µg/m³)	A
Particulate Matter (PM_{10})	24-Hour	50 µg/m³	N	150 µg/m³	U
	Annual Arithmetic Mean	20 µg/m³	N[7]	NA	-
Fine Particulate Matter ($PM_{2.5}$) [15]	24-Hour	NA	-	35 µg/m³	U/A[10]
	Annual Arithmetic Mean	12 µg/m³	N[7]	12 µg/m³	N
Sulfates (SO_{4-2})	24 Hour	25 µg/m³	A	NA	-
Lead (Pb)[13, 14]	30-Day Average	1.5 µg/m³	-	NA	A
	Calendar Quarter	NA	-	1.5 µg/m³	A
	Rolling 3-Month Average	NA	-	0.15 µg/m³	-
Hydrogen Sulfide (H_2S)	1 Hour	0.03 ppm (42 µg/m³)	U	NA	-
Vinyl Chloride (C_2H_3Cl)	24 Hour	0.01 ppm (26 µg/m³)	-	NA	-
Visibility Reducing Particles[8]	8 Hour (10:00 to 18:00 PST)	-	U	-	-

A = attainment; N = nonattainment; U = unclassified; N/A = not applicable or no applicable standard; ppm = parts per million; µg/m³ = micrograms per cubic meter; mg/m³ = milligrams per cubic meter; – = not indicated or no information available.

1. California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, suspended particulate matter - PM_{10}, and visibility reducing particles are values that are not to be exceeded. The standards for sulfates, Lake Tahoe carbon monoxide, lead, hydrogen sulfide, and vinyl chloride are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e., all standards except for lead and the PM_{10} annual standard), then some measurements may be excluded. In particular, measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe CO standard is 6.0 ppm, a level one-half the national standard and two-thirds the state standard.
2. National standards shown are the "primary standards" designed to protect public health. National standards other than for ozone, particulates and those based on annual averages are not to be exceeded more than once a year. The 1-hour ozone standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour ozone standard is attained when the 3-year average of the 4th highest daily concentrations is 0.070 ppm (70 ppb) or less. The 24-hour PM_{10} standard is attained when the 3-year average of the 99th percentile of monitored concentrations is less than 150 µg/m_3. The 24-hour $PM_{2.5}$ standard is attained when the 3-year average of 98th percentiles is less than 35 µg/m³.
   Except for the national particulate standards, annual standards are met if the annual average falls below the standard at every site. The national annual particulate standard for PM_{10} is met if the 3-year average falls below the standard at every site. The annual $PM_{2.5}$ standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard.
3. National air quality standards are set by the EPA at levels determined to be protective of public health with an adequate margin of safety.
4. The national 1-hour ozone standard was revoked by U.S. EPA on June 15, 2005.
5. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour ozone concentration per year, averaged over three years, is equal to or less than 0.070 ppm. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the ozone level in the area.
6. In April 1998, the Bay Area was redesignated to attainment for the national 8-hour carbon monoxide standard.
7 In June 2002, CARB established new annual standards for $PM_{2.5}$ and PM_{10}.
8 Statewide VRP Standard (except Lake Tahoe Air Basin): Particles in sufficient amount to produce an extinction coefficient of 0.23 per kilometer when the relative humidity is less than 70 percent. This standard is intended to limit the frequency and severity of visibility impairment due to regional haze and is equivalent to a 10-mile nominal visual range.
9. The 8-hour CA ozone standard was approved by the Air Resources Board on April 28, 2005, and became effective on May 17, 2006.

10. On January 9, 2013, EPA issued a final rule to determine that the Bay Area attains the 24-hour $PM_{2.5}$ national standard. This EPA rule suspends key SIP requirements as long as monitoring data continues to show that the Bay Area attains the standard. Despite this EPA action, the Bay Area will continue to be designated as "nonattainment" for the national 24-hour $PM_{2.5}$ standard until such time as the Air District submits a "redesignation request" and a "maintenance plan" to EPA, and EPA approves the proposed redesignation.
11. To attain this standard, the 3-year average of the 98th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 0.100ppm (effective January 22, 2010). The US Environmental Protection Agency (EPA) expects to make a designation for the Bay Area by the end of 2017.
12. On June 2, 2010, the U.S. EPA established a new 1-hour SO_2 standard, effective August 23, 2010, which is based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO_2 NAAQS however must continue to be used until one year following U.S. EPA initial designations of the new 1-hour SO_2 NAAQS.
13. CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure below which there are no adverse health effects determined.
14. National lead standard, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.
15. In December 2012, EPA strengthened the annual $PM_{2.5}$ National Ambient Air Quality Standards (NAAQS) from 15.0 to 12.0 micrograms per cubic meter ($\mu g/m^3$). In December 2014, EPA issued final area designations for the 2012 primary annual $PM_{2.5}$ NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.

Source: Bay Area Air Quality Management District, *Air Quality Standards and Attainment Status*, http://www.baaqmd.gov/research-and-data/air-quality-standards-and-attainment-status, accessed July 11, 2023.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline[4]. CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[5] The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and NO_X emissions from existing diesel vehicles operating in California. The regulation requires PM retrofits on all diesel trucks and buses that operate in California (i.e., existing vehicles are required to be upgraded to reduce emissions). Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses would need to have 2010 model year engines or equivalent.

The regulation applies to most diesel-fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and

[4] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[5] California Air Resources Board, *Overview: Diesel Exhaust & Health*, available at: https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed August 2023.

is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero-emission technology in the off-road sector. The 2022 Amendments will help meet the State's multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CARB Advanced Clean Truck Regulation

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission "last-mile" delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.
- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

Advanced Clean Cars I and II.

Advanced Clean Cars combines several regulations into one package including the Low-Emission Vehicle (LEV) criteria and greenhouse gas regulations and the zero-emission vehicle (ZEV) regulation. Advanced Clean Cars I was adopted in 2012 and Advanced Clean Cars II was adopted in 2022. These regulations

rapidly scale down emissions of light-duty passenger cars, pickup trucks and SUVs and require an increased number of zero-emission vehicles to meet air quality and climate change emissions goals. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions. The Advanced Clean Cars II regulations take the state's already growing zero-emission vehicle market and robust motor vehicle emission control rules and augments them to meet more aggressive tailpipe emissions standards and ramp up to 100% zero-emission vehicles.

CARB Advanced Clean Fleets Regulation.

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, requires fleet owners to begin transitioning toward ZEVs starting in 2024. Due to the impact that truck traffic has on residents living near heavily trafficked corridors, drayage trucks will need to be zero-emissions by 2035. All other fleet owners have the option to transition a percentage of their vehicles to meet expected zero-emission milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

California Energy Commission – Title 24 Building Energy Efficiency Standards

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in California Code of Regulations (CCR) Title 24 Part 6, were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated every three years to allow consideration and possible incorporation of new energy efficiency technologies and methods. The 2019 Energy Standards include requirements for mandatory mechanical ventilation intended to improve indoor air quality in homes, and requirements for Minimum Efficiency Reporting Value (MERV) 13 air filtration on space conditioning systems, and ventilation systems that provide outside air to a dwelling's occupiable space. The Residential Compliance Manual for the 2019 Building Energy Efficiency Standards notes that air filter efficiencies of at least MERV 13 protect occupants from exposure to the smaller airborne particles (i.e., $PM_{2.5}$) that are known to adversely affect respiratory health. CCR Title 24 Part 6 requires a particle size efficiency rating equal to or greater than 85 percent in the 1.0 to 0.3 micrometer (µm) range. The California Energy Commission (CEC) adopted the 2022 Energy Code on August 11, 2021, which was subsequently approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Title 24 standards will result in less energy use, thereby reducing air pollutant emissions associated with energy consumption across California. For example, the 2022 Title 24 standards will require efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, and strengthens ventilation standards.

CalEnviroScreen

OEHHA has developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the Project site is located within Census Tract 6085502702, which is within the 34th percentile.[6] It should be noted that the CalEnviroScreen scores are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

Senate Bill 535

Senate Bill (SB) 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the closest SB 535 designated disadvantaged community is located approximately six miles northeast of the Project site (Census Tract 6085503122).[7] SB 535 does not include project specific requirements or prohibit developments in proximity to the designated communities.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

3.3 REGIONAL

Bay Area Air Quality Management District

BAAQMD is the regional agency with jurisdiction over the nine-county region located in the Basin. The Association of Bay Area Governments (ABAG), Metropolitan Transportation Commission (MTC), county transportation agencies, cities and counties, and various nongovernmental organizations also join in the efforts to improve air quality through a variety of programs. These programs include the adoption of regulations and policies, as well as implementation of extensive education and public outreach programs.

Clean Air Plan

Air quality plans developed to meet federal requirements are referred to as State Implementation Plans (SIPs). The federal and State Clean Air Acts require plans to be developed for areas designated as

[6] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0*, https://experience.arcgis.com/experience/11d2f52282a54ceebcac7428e6184203/page/CalEnviroScreen-4_0/, accessed October 2023.

[7] California Office of Environmental Health Hazard Assessment, *SB 535 Disadvantaged Communities (2022 Update)*, https://oehha.ca.gov/calenviroscreen/sb535, accessed October 2023.

nonattainment (with the exception of areas designated as nonattainment for the State PM_{10} standard). BAAQMD is responsible for developing a Clean Air Plan, which guides the region's air quality planning efforts to attain the CAAQS. BAAQMD adopted the 2017 Clean Air Plan: Spare the Air, Cool the Climate on April 19, 2017.

BAAQMD periodically develops air quality plans that outline the regional strategy to improve air quality and protect the climate. The most recent plan, 2017 Bay Area Clean Air Plan, includes a wide range of control measures designed to reduce emissions of air pollutants and greenhouse gases (GHG)s, including the following examples that may be relevant to this Project: reduce emissions of TACs by adopting more stringent limits and methods for evaluating toxic risks; implement pricing measures to reduce travel demand; accelerate the widespread adoption of electric vehicles; promote the use of clean fuels and low or zero carbon technologies in trucks and heavy-duty vehicles; promote energy efficiency in both new and existing buildings; and promote the switch from natural gas to electricity for space and water heating in Bay Area buildings.

The 2017 Clean Air Plan provides a regional strategy to protect public health and protect the climate. To protect public health, the plan describes how BAAQMD will continue progress toward attaining all state and federal air quality standards and eliminating health risk disparities from exposure to air pollution among Bay Area communities. To protect the climate, the 2017 Clean Air Plan defines a vision for transitioning the region to a post-carbon economy needed to achieve ambitious GHG reduction targets for 2030 and 2050 and provides a regional climate protection strategy that will put the Bay Area on a pathway to achieve those GHG reduction targets. The 2017 Clean Air Plan contains district-wide control measures to reduce O_3 precursor emissions (i.e., ROG and NO_X), particulate matter, TACs, and greenhouse gas emissions. The Bay Area 2017 Clean Air Plan updates the Bay Area 2010 Clean Air Plan in accordance with the requirements of the CCAA to implement "all feasible measures" to reduce O_3; provides a control strategy to reduce O_3, PM, TACs, and greenhouse gases in a single, integrated plan; reviews progress in improving air quality in recent years; and establishes emission control measures to be adopted or implemented in both the short term and through 2050.

The 2017 Clean Air Plan includes a wide range of control measures designed to decrease emissions of the air pollutants that are most harmful to Bay Area residents, such as particulate matter, O_3, and TACs to reduce emissions of methane and other "super-GHGs" that are potent climate pollutants in the near-term; and to decrease emissions of carbon dioxide by reducing fossil fuel combustion.

The following BAAQMD rules would limit emissions of air pollutants from construction and operation of the Project:

- Regulation 6, Rule 1 – General Requirements. The purpose of this Regulation is to limit the quantity of particulate matter in the atmosphere through the establishment of limitations on emissions rates, emission concentrations, visible emissions, and opacity.

- Regulation 8, Rule 1 – General Provisions 2021 Amendment. The purpose of this Regulation is to limit the emission of organic compounds to the atmosphere. Certain organic compounds may also be subject to the requirements of Regulations 11 or 12.

- Regulation 8, Rule 3 – Architectural Coatings. The purpose of this Rule is to limit the quantity of volatile organic compounds in architectural coatings supplied, sold, offered for sale, applied,

solicited for application, or manufactured for use within BAAQMD's jurisdiction. Although this rule does not directly apply to the Project, it does dictate the ROG content of paint available for use during the construction.

- Regulation 8, Rule 15 – Emulsified and Liquid Asphalts. The purpose of this Rule is to limit the emissions of volatile organic compounds caused by the use of Emulsified and Liquid asphalt in paving materials and paving and maintenance operations. Although this rule does not directly apply to the Project, it does dictate the ROG content of asphalt for use during the construction.

- Regulation 9, Rule 8 – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines. This rule limits the emissions of nitrogen oxides and CO from stationary internal combustion engines with an output rated by the manufacturer at more than 50 brake horsepower.

- Regulation 11, Rule 1 – Asbestos Demolition, Renovation, and Manufacturing. The purpose of this Rule is to control emissions of asbestos to the atmosphere during demolition, renovation, milling, and manufacturing, and establish appropriate waste disposal procedures. Although this rule may not apply to the Project, since the facility was constructed in the 1960s, asbestos may be present.

- Regulation 11, Rule 18 – Reduction of risk from air toxic emissions at existing facilities. The purpose of this rule is to ensure that facilities that emit toxic air contaminants do not pose an unacceptable health risk to nearby residents, workers, or students.

BAAQMD prepared an Ozone Attainment Demonstration Plan to satisfy the federal 1-hour O_3 planning requirement because of the Air Basin's nonattainment for federal and State O_3 standards. The U.S. EPA revoked the 1-hour O_3 standard and adopted an 8-hour O_3 standard. BAAQMD will address the new federal 8-hour O_3 planning requirements once they are established.

Community Air Risk Evaluation Program

BAAQMD began its Community Air Risk Evaluation (CARE) program in 2004 to evaluate and reduce health risks associated with exposures to outdoor TACs in the Bay Area. The program examines TAC emissions from point sources, area sources, and on-road and off-road mobile sources with an emphasis on diesel exhaust, which is a major contributor to airborne health risk in California. The CARE program is an on-going program that encourages community involvement and input. The technical analysis portion of the CARE program is implemented in three phases that includes an assessment of the sources of TAC emissions, modeling and measurement programs to estimate concentrations of TAC, and an assessment of exposures and health risks. Throughout the program, information derived from the technical analyses is used to focus emission reduction measures in areas with high TAC exposures and high density of sensitive populations.

Risk reduction activities associated with the CARE program are focused on the most at-risk communities in the Bay Area. BAAQMD has identified six communities as impacted as part of the CARE program: Concord, Richmond/San Pablo, Western Alameda County, San José, Redwood City/East Palo Alto, and Eastern San Francisco. Overburdened communities are areas located (i) within a census tract identified by the California Communities Environmental Health Screening Tool (CalEnviroScreen), Version 4.0 implemented by OEHHA, as having an overall score at or above the 70th percentile, or (ii) within 1,000 feet of any such census tract. The project site is not located in the San José CARE area or within an

overburdened area as identified by CalEnviroScreen as the Project site is scored at the 9th percentile and is not within 1,000 feet of a census tract at or above the 70th percentile.

CEQA Air Quality Guidelines

BAAQMD prepared its California Environmental Quality Act (CEQA) Air Quality Guidelines to assist in the evaluation of air quality impacts of projects and plans proposed within the Bay Area. The guidelines provide recommended procedures for evaluating potential air impacts during the environmental review process consistent with CEQA requirements including thresholds of significance, mitigation measures, and background air quality information. They also include assessment methodologies for TACs, odors, and GHG emissions. BAAQMD most recently updated its guidelines in April 2023, after revising its climate impact threshold on April 20, 2022.

3.4 LOCAL

City of San José Municipal Code

The City's Municipal Code includes the following regulations that addresses air quality standards for future development:

- Transportation Demand Management (Chapter 11.105)
- Green Building Regulations for Private Development (Chapter 17.84)

City of San José General Plan

The San José General Plan includes the following policies intended to control or reduce air pollution impacts:

Goal MS – 10: Minimize air pollutant emissions from new and existing development.

Policy MS-10.1: Assess projected air emissions from new development in conformance with the BAAQMD CEQA Guidelines and relative to state and federal standards. Identify and implement feasible air emissions reduction measures.

Policy MS – 10.2: Consider the cumulative air quality impacts from proposed developments for proposed land use designation changes and new development, consistent with the region's Clean Air Plan and State law.

Policy MS – 10.4: Encourage effective regulation of mobile and stationary sources of air pollution, both inside and outside of San José. In particular, support federal and State regulations to improve automobile emission controls.

Policy MS – 10.6: Encourage mixed land use development near transit lines and provide retail and other types of service-oriented uses within walking distance to minimize automobile dependent development.

Policy MS – 10.7: Encourage regional and statewide air pollutant emission reduction through energy conservation to improve air quality.

Policy MS – 10.11: Enforce the City's wood-burning appliance ordinance to limit air pollutant emissions from residential and commercial buildings.

Policy MS – 10.13: As a part of City of San José Sustainable City efforts, educate the public about air polluting household consumer products and activities that generate air pollution. Increase public awareness about the alternative products and activities that reduce air pollutant emissions.

Goal MS – 11: Minimize exposure of people to air pollution and toxic air contaminants such as ozone, carbon monoxide, lead, and particulate matter.

Policy MS – 11.1: Require completion of air quality modeling for sensitive land uses such as new residential developments that are located near sources of pollution such as freeways and industrial uses. Require new residential development projects and projects categorized as sensitive receptors to incorporate effective mitigation into project designs or be located an adequate distance from sources of TACs to avoid significant risks to health and safety.

Policy MS – 11.2: For projects that emit toxic air contaminants, require project proponents to prepare health risk assessments in accordance with BAAQMD-recommended procedures as part of environmental review and employ effective mitigation to reduce possible health risks to a less than significant level. Alternatively, new projects (such as, but not limited to, industrial, manufacturing, and processing facilities) that are sources of TAC's to be located an adequate distance from residential areas and other sensitive receptors.

Policy MS – 11.4: Encourage the installation of appropriate air filtration at existing schools, residences, and other sensitive receptor uses adversely affected by pollution sources.

Policy MS – 10.5: Encourage the use of pollution absorbing trees and vegetation in buffer areas between substantial sources of TACs and sensitive land uses.

Action MS-11.6: Develop and adopt a comprehensive Community Risk Reduction Plan that includes: baseline inventory of TACs and particulate matter smaller than 2.5 microns ($PM_{2.5}$), emissions from all sources, emissions reduction targets, and enforceable emission reduction strategies and performance measures. The Community Risk Reduction Plan will include enforcement and monitoring tools to ensure regular review of progress toward the emission reduction targets, progress reporting to the public and responsible agencies, and periodic updates of the plan, as appropriate.

Action MS-11.7: Consult with BAAQMD to identify stationary and mobile TAC sources and determine the need for and requirements of a health risk assessment for proposed developments.

Action MS-11.8: For new projects that generate truck traffic, require signage which reminds drivers that the State truck idling law limits truck idling to five minutes.

Goal MS – 12: Minimize and avoid exposure of residents to objectionable odors.

Policy MS-12.2: Require new residential development projects and projects categorized as sensitive receptors to be located an adequate distance from facilities that are existing and potential sources of odor. An adequate separation distance will be determined based upon the type, size, and operations of the facility.

Goal MS – 13: Minimize air pollutant emissions during demolition and construction activities.

Policy MS-13.1: Include dust, particulate matter, and construction equipment exhaust control measures as conditions of approval for subdivision maps, site development and planned development permits, grading permits, and demolition permits. At minimum, conditions shall conform to construction mitigation measures recommended in the current BAAQMD CEQA Guidelines for the relevant project size and type.

Policy MS-13.2: Construction and/or demolition projects that have the potential to disturb asbestos (from soil or building material) shall comply with all the requirements of the California Air Resources Board's air toxic control measures (ATCMs) for Construction, Grading, Quarrying, and Surface Mining Operations.

Action MS-13.4: Adopt and periodically update dust, particulate, and exhaust control standard measures for demolition and grading activities to include on project plans as conditions of approval based upon construction mitigation measures in the BAAQMD CEQA Guidelines.

Action MS-13.5: Prevent silt loading on roadways that generates particulate matter air pollution by prohibiting unpaved or unprotected access to public roadways from construction sites.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 AIR QUALITY THRESHOLDS

State CEQA Guidelines Appendix G

Based upon the criteria derived from State CEQA Guidelines Appendix G, a project normally would have a significant effect on the environment if it would:

AQ-1 Conflict with or obstruct implementation of the applicable air quality plan?

AQ-2 Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

AQ-3 Expose sensitive receptors to substantial pollutant concentrations?

AQ-4 Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Air Quality Thresholds for Criteria Air Pollutants and Precursors

Under the California Environmental Quality Act (CEQA), BAAQMD is an expert commenting agency on air quality within its jurisdiction or impacting its jurisdiction. Under the FCAA, BAAQMD has adopted federal attainment plans for O_3 and $PM_{2.5}$. BAAQMD reviews projects to ensure that they would not: (1) cause or contribute to any new violation of any air quality standard; (2) increase the frequency or severity of any existing violation of any air quality standard; or (3) delay timely attainment of any air quality standard or any required interim emission reductions or other milestones of any Federal attainment plan.

The BAAQMD Thresholds of Significance Justification (2022) establishes thresholds based on substantial evidence within the 2022 CEQA Air Quality Guidelines. The thresholds have been developed by BAAQMD to attain State and federal ambient air quality standards, which are set at levels protective of human health. Therefore, projects below these thresholds would not violate an air quality standard and would not make a cumulatively considerable contribution to an existing or projected cumulative air quality violation in the Air Basin.

BAAQMD's CEQA Air Quality Guidelines provides significance thresholds for both construction and operations of project. Ultimately the lead agency determines the thresholds of significance for impacts. However, if a project proposes development in excess of the established thresholds, as outlined below, a significant air quality impact may occur.

Table 5: BAAQMD Emissions Thresholds for Criteria Air Pollutants and Precursors

Criteria Air Pollutants and Precursors (Regional)	Construction-Related	Operational-Related	
	Average Daily Emissions (pounds/day)	Average Daily Emission (pounds/day)	Annual Average Emission (tons/year)
Reactive Organic Gases (ROG)	54	54	10
Nitrogen Oxides (NO_X)	54	54	10
Coarse Particulates (PM_{10})	82 (exhaust)	82	15
Fine Particulates ($PM_{2.5}$)	54 (exhaust)	54	10
PM_{10} / $PM_{2.5}$ (fugitive dust)	Best Management Practices*	None	
Local CO	None	9.0 ppm (8-hour average) 20.0 ppm (1-hour average)	
Source: Bay Area Air Quality Management District, *2022 CEQA Air Quality Guidelines*, April 2023.			

4.2 METHODOLOGY

This air quality impact analysis considers the Project's construction and operational impacts. Where criteria air pollutant quantification was required, emissions were modeled using the California Emissions Estimator Model (CalEEMod). CalEEMod is a statewide land use emissions computer model designed to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. Air quality impacts were assessed according to methodologies recommended by CARB and BAAQMD.

Construction equipment, trucks, worker vehicles, and ground-disturbing activities associated with Project construction would generate emissions of criteria air pollutants and precursors. Air quality impacts were assessed according to CARB and BAAQMD recommended methodologies. Daily regional construction emissions are estimated by assuming construction occurs at the earliest feasible date (i.e., a conservative estimate of construction activities) and applying off-road, fugitive dust, and on-road emissions factors in CalEEMod.

Project operations would result in emissions of area sources (consumer products), energy sources (natural gas usage), and mobile sources (motor vehicles from project generated vehicle trips). Project-generated increases in operational emissions would be predominantly associated with motor vehicle use. The increase of traffic over existing conditions as a result of the Project was obtained from the Project's Transportation Analysis prepared by Kimley-Horn (August 2023). Other operational emissions from area, energy, and stationary sources were quantified in CalEEMod based on land use activity data. In addition, two helipads will be placed on campus to serve the patients at this hospital. The use will include patients being transported to the emergency room due to a trauma incident and used to transport patients to a tertiary medical center. Providing two helipads will allow for redundancy and the ability to aid in accommodating the clinical needs necessary of the patients as demand dictates. The addition of a second helipad to the existing one will not increase helicopter use. Thus, Project operations does not quantitatively examine helicopter use as there is no change from existing.

As discussed above, BAAQMD provides significance thresholds for emissions associated with proposed Project construction and operations. The proposed Project's construction and operational emissions are compared to the daily criteria pollutant emissions significance thresholds in order to determine the significance of the Project's impact on regional air quality. Impacts of the proposed Project on sensitive receptors are determined by analyzing Project impacts on toxic air contaminants, construction diesel

particulate matter, of which those two impacts ae determined within the Human Health Risk Assessment (HRA), and CO hotspots on nearby receptors. The proposed Project's impacts in other emissions (such as those leading to odors) that adversely affecting a substantial number of people are determined by BAAQMD considerations of land uses.

5 POTENTIAL IMPACTS AND MITIGATION

5.1 AIR QUALITY ANALYSIS

Threshold AQ-1: Would the Project conflict with or obstruct implementation of the applicable air quality plan?

BAAQMD's most recently adopted plan, the Clean Air Plan (2017), outlines how the San Francisco area will attain air quality standards, reduce population exposure and protect public health, and reduce GHG emissions. BAAQMD has not established a quantitative threshold of significance for project-level consistency with an air quality plan. However, per BAAQMD guidelines, if a project is consistent with Criterion 1 through Criterion 3 (see analysis below), the project would not conflict with or obstruct the implementation of the applicable air plan.

Criterion 1: Does the Project support the primary goals of the Air Quality Plan?

The Clean Air Plan has two paramount goals: (1) protect air quality and health at the regional and local scale by (a) attaining all state and national air quality standards and (b) eliminating disparities among Bay Area communities in cancer health risk from toxic air contaminants, and (2) protect the climate by keeping the Bay Area region on track to achieve the statewide greenhouse gas emission reduction targets in Senate Bill 32 and 2050 goal in Executive Order S-3-05.

The Project supports these two primary goals. Regarding Goal 1(a), as described below, construction and operational air quality emissions, with mitigation, generated by the proposed Project would not exceed BAAQMD's emissions thresholds for criteria air pollutants. Since the proposed Project would not exceed these thresholds, the proposed Project would not be considered by BAAQMD to be a substantial emitter of criteria air pollutants and would not contribute to any non-attainment areas in the Basin and would be consistent with the goal to attain all state and national air quality standards.

Regarding Goal 1(b), as described below, construction and operational cancer health risk from toxic air contaminants would be below BAAQMD's project-level and cumulative thresholds. Therefore, the Project would not conflict with the Clean Air Plan's goal to eliminate disparities in Bay Area communities in cancer health risk from toxic air contaminants.

Regarding Goal 2, as discussed in the *Good Samaritan Hospital Greenhouse Gas Emissions Assessment* (Kimley-Horn, 2023), the Project would be consistent with the City's Greenhouse Gas Reduction Strategy (GHGRS), which aligns with the targets in SB 32 and is designed to put the City on the path to meet the long-term target of carbon neutrality by 2045. Therefore, the Project would not conflict with the second goal of protecting the climate by being consistent with the SB 32 targets and executive orders related to future greenhouse gas emissions.

Criterion 2: Does the Project include applicable control measures from the Air Quality Plan?

The Project is consistent with the 2017 Clean Air Plan policies that are applicable to the Project site. As shown below, projects are considered consistent with the 2017 Clean Air Plan if they incorporate all applicable and feasible control measures from the 2017 Clean Air Plan and would not disrupt or hinder implementation of any 2017 Clean Air Plan control measures. As discussed in Table 6: Project Consistency with Applicable Clean Air Plan Control Measures, the Project would comply with applicable Clean Air Plan requirements.

Table 6: Project Consistency with Applicable Clean Air Plan Control Measures

Control Measure	Project Consistency
Stationary Source Control Measures	
SS21: New Source Review of Toxic Air Contaminants	**Consistent**. The Project would include uses that would generate new sources of TAC impacts to the nearby sensitive receptors. As such, the Project health risk analysis evaluates TAC impacts consistent with OEHHA risk methodology (see Threshold AQ-3 discussion below). New emissions sources would be subject to BAAQMD Regulation 2, Rule 2 (New Source Review), which requires Best Available Control Technology (BACT).
SS25: Coatings, Solvents, Lubricants, Sealants and Adhesives	**Consistent**. The Project would comply with Regulation 8, Rule 3: Architectural Coatings, which would dictate the ROG content of paint available for use during construction (also required per City of San José Environmental Standard Conditions).
SS26: Surface Prep and Cleaning Solvent	
SS29: Asphaltic Concrete	**Consistent**. Paving activities associated with the Project would be required to utilize asphalt that does not exceed BAAQMD emission standards in Regulation 8, Rule 15.
SS31: General Particulate Matter Emissions Limitation	**Consistent**. This control measure is implemented by BAAQMD through Regulation 6, Rule 1. This rule limits the quantity of particulate matter in the atmosphere through the establishment of limitations on emission rates, emission concentrations, visible emissions, and opacity. The Project would be required to comply with applicable BAAQMD rules.
SS32: Emergency Back-up Generators	**Consistent**. Use of an emergency generator by the Project is anticipated. Therefore, when the emergency generators are installed, it would be required to meet BAAQMD's emissions standards for emergency back-up generators.
SS36: Particulate Matter from Trackout	**Consistent**. As required by the City's Standard Permit Condition, mud and dirt that may be tracked out onto the nearby public roads during construction activities would be removed by the contractor based on BAAQMD's requirements.
SS37: Particulate Matter from Asphalt Operations	**Consistent**. Abatement/control of blue smoke emissions related to asphalt delivery to roadway paving projects would be required based on BAAQMD's requirements.
SS38: Fugitive Dust	**Consistent**. Material stockpiling and track out during grading activities as well as smoke and fumes from paving and roofing asphalt operations would be required to utilize best management practices, such as watering exposed surfaces twice a day, covering haul trucks, keeping vehicle speeds on unpaved roads under 15 mph, to minimize the creation of fugitive dust. See City of San José Standard Permit Conditions for a more detailed list.
SS40: Odors	**Consistent**. The Project would comply with BAAQMD Regulation 7 to strengthen odor standards and enhance enforceability.
Transportation Control Measures	
TR2: Trip Reduction Programs	**Consistent.** The Project would include a number of travel demand measures (TDM) such as a road diet along Samaritan Drive and roundabout improvements at the Samaritan Drive and Samaritan Place intersection. These TDM Programs would help reduce vehicle miles traveled (VMT) and mobile greenhouse gas emissions. Additionally, the Project is located in proximity to transit services (e.g., VTA Bus Routes 27 and 61), where the Clipper® fare payment system can be used. Further, ridesharing services to Project employees are available through the 511 Regional Rideshare Program as well as other private rideshare programs.
TR5: Transit Efficiency and Use	
TR8: Ridesharing and Last-Mile Connections	
TR9: Bicycle and Pedestrian Access Facilities	**Consistent**. There is currently pedestrian access to/from the Project site via sidewalks along Samaritan Drive and Samaritan Place. Existing bicyclist facility includes an area along Samaritan Drive which provides Class II bike lanes with buffered striping to separate vehicle and bike travel. On Samaritan Drive, bicyclists either share the traffic lane or ride on the sidewalk. The proposed

Control Measure	Project Consistency
	Project includes installation of bike parking in accordance with CALGreen Code. According to San Jose Better Bike Plan 2025, there will be a class 3B bike boulevard along Samaritan Place, and a protected Class IV bike lane along Samaritan Drive. The proposed project would include 67 bicycle parking spaces as well as bicycle and pedestrian access on the driveways. This would promote safety and encourage employees to use alternative sources of transportation.
TR10: Land Use Strategies	**Consistent.** The proposed Project is consistent with Plan Bay Area, which considers the general plans of the jurisdictions that it covers. The Project is consistent with the General Plan and thus is within the expected development in Plan Bay Area. The Project site is located within 75 feet of eight transit stops at Samaritan Drive. Therefore, Project employment opportunities would be easily accessible via transit, furthering the City's General Plan goals to support a healthy community, reduce traffic congestion and decrease greenhouse gas emissions and energy consumption. The Project would not conflict with implementation of this measure.
TR19: Medium and Heavy-Duty Trucks	**Not Applicable**. The Project does not involve warehousing or industrial uses that would generate substantial truck trips. However, medium and heavy-duty trucks were modeled as part of the Health Risk Analysis and operational PM and TAC emissions are below BAAQMD thresholds. The Project would not conflict with the implementation of this measure.
TR22: Construction, Freight and Farming Equipment	**Consistent**. The Project would comply through implementation of CARB Tier 4 construction equipment and BAAQMD control measures.
Energy and Climate Control Measures	
EN1: Decarbonize Electricity Generation	**Consistent**. The Project would be constructed in accordance with the latest California Building Code and green building regulations/CalGreen and with the City of San José's California Green Building Standards Code, which include requirements that make new buildings more energy efficient than older buildings. Further, consistent with the City's Standard Permit Condition, the Project would be enrolled in the San José Clean Energy (SJCE) GreenSource Program (approximately 95 percent carbon free power) or TotalGreen (approximately 100 percent carbon free power). SJCE enrollment is required to comply with SB 100 requirements.
EN2: Decrease Electricity Demand	
Buildings Control Measures	
BL1: Green Buildings	**Consistent**. The Project would be constructed in accordance with the latest California Building Code and green building regulations/CalGreen. The proposed development would be constructed in compliance with the City's Council Policy 6-32 and the City's Green Building Ordinance.
BL2: Decarbonize Buildings	
BL4: Urban Heat Island Mitigation	**Consistent**. The Project would demolish the existing hospital main building (Building A) and existing daycare center. Project implementation would remove 370 trees but the Project is planting 530 24-inch box trees that will increase overall shading on the site compared to existing conditions. Additional landscaping is proposed throughout the Project site and would include a mix of grasses, shrubs, and ground cover. Tree and additional landscaping is consistent with the use of cool surface treatments to reduce urban heat island effects. The Project would also comply with the cool roof requirements in California's Title 24, Part 6 Building Energy Efficiency Standards, which would further reduce the urban heat island effect from existing conditions.
Natural and Working Lands Control Measures	
NW2: Urban Tree Planting	**Not Applicable**. The Project site is in an existing hospital. The Project site includes landscaping with a mix of trees, grasses, shrubs, and ground cover. Additional trees will also be planted along the Samaritan Drive frontage, increasing public urban tree access.

Control Measure	Project Consistency
Waste Management Control Measures	
WA3: Green Waste Diversion	**Consistent**. The waste service provider for the Project would be required to meet the AB 341 and SB 939, 1374, and 1383 requirements that require waste service providers to divert and recycle waste. Per Cal Green requirements and the City's Zero Waste strategic plan, which requires diversion of 90 percent of waste aways from landfills, the Project would recycle construction waste.
WA4: Recycling and Waste Reduction	
Water Control Measures	
WR2: Support Water Conservation	**Consistent**. The Project would implement water conservation measures and low flow fixtures as required by Title 24, CalGreen, and the City of San José's Municipal Code Section 15-11 Water Efficient Landscaping Ordinance, which includes various specifications for plant types, water features, and irrigation design etc.
Source: BAAQMD, Clean Air Plan, 2017 and Kimley-Horn & Associates, 2023.	

As discussed above, the Project would include appliable control measures from the Clean Air Plan.

Criterion 3: Does the Project hinder or disrupt the implementation of any Air Quality Control Measures?

The Clean Air Plan assumptions for projected air emissions and pollutants in the City of San José are based on the Envision San José 2040 General Plan Land Use Designation Map which designates the Project site use as Neighborhood/Community Commercial (NCC). The Project land use is consistent with the City's General Plan land use designation. The Project has a floor area ratio (FAR) within the allowable range for the Neighborhood/Community Commercial (NCC) land use designation. The use and FAR are consistent with the permitted uses and density of the NCC designation. Therefore, the Project is consistent with the General Plan assumptions. The proposed Project consists of an expansion of Good Samaritan Hospital consistent with the Envision San José 2040 General Plan land use designation and would not increase the regional population growth or cause changes in vehicle traffic that would obstruct implementation of the Clean Air Plan in the San Francisco Bay Area Basin.

Specifically, the Project is anticipated to generate approximately 89[8] new hospital jobs and 869 new MOB jobs within the City. ABAG predicts that job opportunities in the City of San José will grow from 369,500 in 2019 to 708,980 by 2040. Therefore, the 958 new jobs generated by the Project would be within the ABAG growth projections for the City. As identified in the General Plan Environmental Impact Report (EIR), the City currently has an existing ratio of 0.8 jobs per resident. The General Plan Final EIR identified that at full buildout of the General Plan, the existing ratio of jobs per employed resident would be increased to a job per employed resident ratio of 1.3. Because the Project is consistent with planned land uses for the Project site, the Project would not exceed the level of population or housing in regional planning efforts. Population growth from the Project would be consistent with ABAG's projections for the City and with the City's General Plan and accounted for in BAAQMD's assumptions in its Clean Air Plan. Thus, the jobs associated with the Project would not conflict with the Clean Air Plan.

Further, Table 6 outlines the Project's consistency with the applicable 2017 Clean Air Plan policies. Therefore, the Project would not hinder or disrupt the implementation of any 2017 Clean Air Plan Control Measures and impacts would be less than significant.

[8] The Project would increase the number of licensed acute care beds from 405 to 419 and result in a net increase of 89 new jobs. The proposed 200,000 sf medical office building is anticipated to result in an approximate net increase of 869 jobs. This would result in 958 new jobs.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold AQ-2: Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Unmitigated Construction Emissions

Project construction activities would generate short-term emissions of criteria air pollutants. The criteria pollutants of primary concern within the Project area include O_3-precursor pollutants (i.e., ROG and NO_x) and PM_{10} and $PM_{2.5}$ because the Air Basin is in non-attainment for O_3 and particulate matter Construction-generated emissions are short term and temporary, lasting only while construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds BAAQMD's thresholds of significance.

Construction results in the temporary generation of emissions during demolition, site preparation, site grading, road paving, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities, as well as weather conditions and the appropriate application of water.

The Project's construction-related emissions were calculated using the BAAQMD-approved CalEEMod computer program, which is designed to model emissions for land use development projects, based on typical construction requirements. Three construction phases were modeled for the Project. Phase 1 of construction of the Project was modeled to begin March 2024 with a construction duration of approximately 68 months and would include 392,650 sf of demolition, including existing buildings and pavement. Phase 2 construction was modeled to being in December 2029 for a duration of 24 months and includes 603,600 sf of demolition. Phase 3 was modeled to being in January 2032 for a duration of 29 months and includes 218,000 of demolition. The construction schedules are shown in Table 7: Construction Schedule. The exact construction timeline is unknown; however, to be conservative, earlier dates for the commencement of construction were utilized in the modeling. This approach is conservative given that emissions factors decrease in future years due to regulatory and technological improvements and fleet turnover. See Appendix B: Air Quality Assessment for additional information regarding the construction assumptions used in this analysis.

Table 7: Unmitigated Construction-Related Emissions

Phase type	Start	End	Days
Phase 1			
Site Preparation	3/27/2024	4/23/2024	24
Demolition	4/24/2024	7/16/2024	72
Grading	7/17/2024	8/13/2024	24
Building Construction + Infrastructure Improvements	4/24/2024	12/25/2029	1,776
Paving	4/21/2027	11/2/2027	168
Architectural Coating	1/26/2028	8/8/2028	168
Phase 2			
Site Preparation	12/26/2029	1/22/2030	24
Demolition	1/23/2030	6/10/2031	432
Grading	6/11/2031	7/8/2031	24

Phase type	Start	End	Days
Building Construction + Infrastructure Improvements	1/23/2030	1/20/2032	624
Paving	10/1/2031	11/25/2031	48
Architectural Coating	11/26/2031	1/20/2032	48
Phase 3			
Site Preparation	1/21/2032	2/17/2032	24
Demolition	2/18/2032	5/11/2032	72
Grading	5/12/2032	6/8/2032	24
Building Construction + Infrastructure Improvements	6/9/2032	11/21/2034	768
Paving	7/6/2023	12/20/2023	144
Architectural Coating	1/18/2034	7/4/2034	144
Source: Refer to Appendix A: Modeling Data.			

Additionally, Table 8: Grading Estimates provides the total material imported and exported during each phase of construction.

Table 8: Unmitigated Construction-Related Emissions

Phase	Total Material Imported (cubic yards)	Total Material Exported (cubic yards)
Phase 1	10,000	40,000
Phase 2	70,000	1,000
Phase 3	5,000	21,000
Source: Refer to Appendix A: Modeling Data.		

The Project's predicted maximum daily unmitigated construction-related emissions are summarized in Table 9: Unmitigated Construction-Related Emissions. Unmitigated emissions from project construction would exceed BAAQMD's CEQA thresholds of significance for NO_X.

Table 9: Unmitigated Construction-Related Emissions

Construction Year	Pollutant (maximum pounds per day)[1]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Phase 1						
2024	6.54	76.30	2.36	2.08	43.20	14.20
2025	2.42	17.20	0.50	0.46	3.82	0.94
2026	2.28	16.30	0.44	0.41	3.82	0.94
2027	3.07	22.40	0.70	0.65	3.95	0.97
2028	39.00	15.70	0.38	0.33	4.37	1.07
2029	1.96	14.10	0.34	0.29	3.82	0.94
Maximum Daily Construction	**39.00**	**76.30**	**2.36**	**2.08**	**43.20**	**14.20**
BAAQMD Significance Threshold [2,3]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	**Yes**	No	No	-	-
Phase 2						
2029	3.16	38.30	1.22	1.13	35.90	12.90
2030	3.11	47.00	1.20	1.11	35.90	12.90
2031	3.00	26.40	0.95	0.88	1.12	0.20
2032	1.95	8.64	0.23	0.21	0.00	0.00
Maximum Daily Construction	**3.16**	**47.00**	**1.22**	**1.13**	**35.90**	**12.90**
BAAQMD Significance Threshold [2,3]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	-	-

Phase 3						
2032	2.87	32.10	1.04	0.97	33.80	12.60
2033	1.62	11.60	0.23	0.21	3.49	0.86
2034	32.60	12.20	0.22	0.21	4.00	0.98
Maximum Daily Construction	**32.60**	**32.10**	**1.04**	**0.97**	**33.80**	**12.60**
BAAQMD Significance Threshold [2,3]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	-	-

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Emissions were calculated using CalEEMod. Unmitigated emissions include compliance with BAAQMD's Basic Construction Mitigation Measures Recommended for All Projects and the City of San José Environmental Standard Conditions. These measures include the following: water exposed surfaces two times daily; cover haul trucks; clean track outs with wet powered vacuum street sweepers; limit speeds on unpaved roads to 15 miles per hour; complete paving as soon as possible after grading; limit idle times to 5 minutes; properly maintain mobile and other construction equipment; and post a publicly visible sign with contact information to register dust complaints and take corrective action within 48 hours.
2. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, updated April 2022.
3. BMPs = Best Management Practices. BAAQMD recommends the implementation of all Basic Construction Mitigation Measures, whether or not construction-related emissions exceed applicable significance thresholds. Implementation of Basic Construction Mitigation measures are considered to mitigate fugitive dust emissions to be less than significant.

Source: CalEEMod version 2022.1.1.20 Refer to Appendix A: Air Quality Modeling Data.

Fugitive Dust Emissions. Fugitive dust emissions are associated with land clearing, ground excavation, cut-and-fill operations, demolition, and truck travel on unpaved roadways. Dust emissions also vary substantially from day to day, depending on the level of activity, the specific operations, and weather conditions. Fugitive dust emissions may have a substantial, temporary impact on local air quality. In addition, fugitive dust may be a nuisance to those living and working in the Project vicinity. Uncontrolled dust from construction can become a nuisance and potential health hazard to those living and working nearby. BAAQMD recommends the implementation of all Basic Construction Control Measures, whether or not construction-related emissions exceed applicable significance. The measures would be implemented by the project as they are required by the City's standard permit conditions for construction. With the implementation of the City's standard permit conditions, which includes BAAQMD Basic Construction Control Measures (BMP), to control dust at the Project site during all phases of construction.

Standard Permit Condition (SPC)

These measures would be included on the Project plan documents prior to the issuance of any grading permits for the proposed Project.

i. Water active construction areas at least twice daily or as often as needed to control dust emissions.
ii. Cover trucks hauling soil, sand, and other loose materials and/or ensure that all trucks hauling such materials maintain at least two feet of freeboard.
iii. Remove visible mud or dirt track-out onto adjacent public roads using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
iv. Enclose, cover, water twice daily or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.).
v. Pave new or improved roadways, driveways, and sidewalks as soon as possible.
vi. Lay building pads as soon as possible after grading unless seeding or soil binders are used.
vii. Limit all vehicle speeds on unpaved roads to 15 mph.

viii. Replant vegetation in disturbed areas as quickly as possible.
ix. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.
x. Minimizing idling times either by shutting off equipment when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations). Provide clear signage for construction workers at all access points.
xi. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
xii. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints.

Construction Equipment and Worker Vehicle Exhaust. Exhaust emission factors for typical diesel-powered heavy equipment are based on the CalEEMod program defaults. Variables factored into estimating the total construction emissions include: level of activity, length of construction period, number of pieces/types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported onsite or offsite. Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the Project site, emissions produced on site as the equipment is used, and emissions from trucks transporting materials and workers to and from the site. Emitted pollutants would include ROG, NO_X, PM_{10}, and $PM_{2.5}$. NO_X emissions are primarily generated by engine combustion in construction equipment, haul trucks, and employee commuting, requiring the use of newer construction equipment with better emissions controls would reduce construction-related NO_X emissions. The Project would also include BAAQMD BMPs and City SPC. As detailed in Table 7, Project construction emissions would be above BAAQMD threshold for NO_X during Phase 1 and construction emissions would result in a potentially significant impact.

ROG Emissions. In addition to gaseous and particulate emissions, the application of asphalt and surface coatings creates ROG emissions, which are O_3 precursors. In accordance with the methodology prescribed by BAAQMD, the ROG emissions associated with paving have been quantified with CalEEMod. The highest concentration of ROG emissions would be generated from architectural coating in Phase 1 beginning in Winter 2028 and lasting approximately seven months. This phase includes the interior and exterior painting as well as striping of all paved parking areas and driveways. Paints would be required to comply with BAAQMD Regulation 8, Rule 3: Architectural Coating. Regulation 8, Rule 3 provides specifications on painting practices and regulates the ROG content of paint.

Summary. As shown in Table 9 NO_X would be above the 54 lbs/day during Phase 1 construction, while the rest of the criteria pollutant emissions would remain below their respective thresholds. Further, due to cancer risk exceeding BAAQMD thresholds, the Project would include MM HRA-1 below which requires the Project to include, at a minimum, Tier 4 engines and particulate matter emissions control equivalent to CARB Level 3 verifiable diesel emission control devices for construction equipment greater than 25 horsepower (hp) or obtain written approval by the City to use other equipment meeting the same emission profile.

Mitigated Construction Emissions

The Project's predicted maximum daily mitigated construction-related emissions are summarized in Table 10: Mitigated Construction-Related Emissions.

Table 10: Mitigated Construction-Related Emissions

Construction Year	Pollutant (maximum pounds per day)[1,2]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Phase 1						
2024	2.79	38.10	0.61	0.49	31.30	8.02
2025	1.62	9.61	0.14	0.14	3.82	0.94
2026	1.54	9.27	0.14	0.14	3.82	0.94
2027	1.79	10.90	0.17	0.17	3.95	0.97
2028	38.30	9.46	0.14	0.11	4.37	1.07
2029	1.33	8.34	0.14	0.11	3.82	0.94
Maximum Daily Construction	**38.30**	**38.10**	**0.61**	**0.49**	**31.30**	**8.02**
BAAQMD Significance Threshold [3,4]	*54*	*54*	*82*	*54*	N/A	N/A
Exceed BAAQMD Threshold?	**No**	**No**	**No**	**No**	**N/A**	**N/A**
Phase 2						
2029	0.74	15.00	0.23	0.23	23.90	6.75
2030	1.05	31.60	0.45	0.45	23.90	6.75
2031	1.31	8.06	0.14	0.14	1.12	0.20
2032	1.31	3.45	0.08	0.07	0.00	0.00
Maximum Daily Construction	**1.31**	**31.60**	**0.45**	**0.45**	**23.90**	**6.75**
BAAQMD Significance Threshold [3,4]	*54*	*54*	*82*	*54*	N/A	N/A
Exceed BAAQMD Threshold?	No	No	No	No	**N/A**	**N/A**
Phase 3						
2032	1.49	14.00	0.24	0.24	21.80	6.39
2033	1.07	6.72	0.10	0.10	3.49	0.86
2034	32.00	7.34	0.10	0.10	4.00	0.98
Maximum Daily Construction	**32.00**	**14.00**	**0.24**	**0.24**	**21.80**	**6.39**
BAAQMD Significance Threshold [3,4]	*54*	*54*	*82*	*54*	N/A	N/A
Exceed BAAQMD Threshold?	**No**	**No**	**No**	**No**	**N/A**	**N/A**

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Emissions were calculated using CalEEMod. Unmitigated emissions include compliance with BAAQMD's Basic Construction Mitigation Measures Recommended for All Projects and the City of San José Environmental Standard Conditions. These measures include the following: water exposed surfaces two times daily; cover haul trucks; clean track outs with wet powered vacuum street sweepers; limit speeds on unpaved roads to 15 miles per hour; complete paving as soon as possible after grading; limit idle times to 5 minutes; properly maintain mobile and other construction equipment; and post a publicly visible sign with contact information to register dust complaints and take corrective action within 48 hours.
2. Mitigated construction emissions assume watering control consistent with BAAQMD recommendations and the use of CARB Tier 4 Final construction equipment.
3. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, updated April 2022.
4. BMPs = Best Management Practices. BAAQMD recommends the implementation of all Basic Construction Mitigation Measures, whether or not construction-related emissions exceed applicable significance thresholds. Implementation of Basic Construction Mitigation measures are considered to mitigate fugitive dust emissions to be less than significant.

Source: CalEEMod version 2022.1.1.20 Refer to Appendix A: Air Quality Modeling Data.

As described above, the Project would implement the City's Standard Permit Conditions, which includes BAAQMD Basic Construction Control Measures, whether or not construction-related emissions exceed applicable significance thresholds (see the above listed Standard Permit Condition). With implementation of the Standard Permit Condition and Project condition of approval, listed above, and MM HRA-1, the proposed Project's construction would not worsen ambient air quality, create additional violations of federal and state standards, or delay the Basin's goal for meeting attainment standards. Impacts would be less than significant with mitigation.

Operational Emissions

Operational emissions for hospital developments are typically generated from mobile sources (burning of fossil fuels in cars); energy sources (cooling, heating, and cooking); and area sources (landscape equipment and household products).[9] Table 11 shows that the Project's maximum emissions would not exceed BAAQMD operational thresholds.

Table 11: Maximum Daily Project Operational Emissions: Existing and Buildout

Emissions Source	Pollutant (maximum pounds per day)[1]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Existing (2023)[2]						
Mobile	19.00	14.10	0.22	0.20	28.20	7.14
Area	14.20	0.17	0.03	0.03	0.00	0.00
Energy	0.49	8.87	0.67	0.67	0.00	0.00
Total Project Emissions	**33.69**	**23.14**	**0.92**	**0.90**	**28.20**	**7.14**
Buildout (2032)						
Mobile	35.30	25.60	0.36	0.34	82.60	20.90
Area	39.00	0.67	0.14	0.11	0.00	0.00
Energy	1.00	18.10	1.38	1.38	0.00	0.00
Stationary[2]	6.74	18.69	5.07	4.78	0.00	0.00
Total Project Emissions	**82.04**	**63.06**	**6.95**	**6.61**	**82.60**	**20.90**
Net Emissions						
Existing Project Site	33.69	23.14	0.92	0.90	28.20	7.14
Proposed Project	82.04	63.06	6.95	6.61	82.60	20.90
Net Change	**48.35**	**39.92**	**6.03**	**5.71**	**54.40**	**13.76**
BAAQMD Significance Threshold [4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	**No**	**No**	**No**	**No**	**N/A**	**N/A**

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Emissions were calculated using CalEEMod.
2. This analysis conservatively assumed no existing operational emergency generators. Stationary emissions sources for the buildout scenario include four diesel emergency backup generators, five natural gas boilers, and nine natural gas water heaters.
3. Central Utility Plant Calculated separate from CalEEMod model run and can be found in Appendix B.
4. Bay Area Air Quality Management District, *California Environmental Quality Act Air Quality Guidelines*, 2022.

Source: CalEEMod version 2022.1.1.20 Refer to Appendix A: Air Quality Modeling Data.

[9] It should be noted that helicopter emissions were not calculated for this analysis as there would be no changes to helicopter operations as a result of the Project.

Area Source Emissions Area source emissions would be generated due to an increased demand for consumer products, architectural coating, and landscaping. As shown in Table 11, area source emissions from the Project would not exceed BAAQMD thresholds for ROG, NO_X, PM_{10}, and $PM_{2.5}$.

Energy Source Emissions. Energy source emissions would be generated as a result of electricity usage associated with the Project. The primary use of electricity by the Project would be for space heating and cooling, water heating, ventilation, lighting, appliances, and electronics. As shown in Table 11, energy source emissions from the Project would not exceed BAAQMD thresholds for ROG, NO_X, PM_{10}, and $PM_{2.5}$.

Mobile Sources. Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, ROG, NO_X, PM_{10}, and $PM_{2.5}$ are all pollutants of regional concern (NO_X and ROG react with sunlight to form O_3 [photochemical smog], and wind currents readily transport PM_{10} and $PM_{2.5}$). However, CO tends to be a localized pollutant, dispersing rapidly at the source.

Project-generated vehicle emissions have been estimated using CalEEMod. Trip generation rates associated with the Project were based on the Project Transportation Analysis prepared by Kimley-Horn (2023). Based on the Transportation Analysis, the Project would result in a gross total of 15,724 daily vehicle trips. However, with applicable trip reductions including pass-by trips and location-based mode-share the Project would result in 14,965 new trips. The Transportation Analysis takes further credit for the existing land uses on the Project site which anticipates the proposed Project to generate a net total of 9,861 net daily trips to the roadway network. Table 11 shows the net Project emissions generated by the Project would not exceed established BAAQMD regional thresholds.

Stationary Sources and Emergency Generators. Four diesel emergency generators, five natural gas boilers, and nine natural gas water heaters, which are within the central utility plant, were included in the modeling. Emission factors from the South Coast Air Quality Management District (SCAQMD) *AB 2588 Quadrennial Air Toxics Emissions Inventory Reporting Procedures, Annual Emissions Reporting Program* (June 2020) were used for natural gas combustion associated with the boilers and hot water heater operations as this data is not provided by BAAQMD and is not geographically dependent. Generator emissions were derived from CARB OFFROAD emissions data.

Emergency generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. The reliance on generators to supply the power needed to keep the hospital running during power loss is not expected to be frequent of prolonged, is not a reasonably foreseeable scenario, and therefore is not analyzed under CEQA. Nonetheless, testing and maintenance emissions associated with four emergency generators were included to be conservative. The Applicant would be required to obtain Permits to Operate prior to the installation and operation of the emergency generators. Testing and maintenance includes 50 hours per year per generator. If emergency generators are required, the end user would be required to obtain a permit from the BAAQMD and include the Best Available Control Technology (BACT) prior to installation.

Due to hospital requirements and Project construction Phasing, parts of the Project will be operational during active construction. To assess the maximum daily emissions associated with the Project, interim operational phases, as Phase 1 Interim and Phase 2 Interim, were determined in relation to the construction phases. As indicated in Table 12: Operational Phase 1 and Phase 2 Emissions, Project operational emissions would not exceed BAAQMD thresholds. The federal ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect the public

health. Therefore, the Project would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts would occur. Project operational emissions would be less than significant.

Table 12: Operational Phase 1 and Phase 2 Emissions

Emissions Source	Pollutant (maximum pounds per day)[1]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Phase 1 Interim						
Mobile	16.60	14.50	0.27	0.26	50.70	12.80
Area	19.90	0.30	0.06	0.05	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Stationary[2]	3.14	8.64	4.54	4.25	0.00	0.00
Total Project Emissions	**39.64**	**23.44**	**4.87**	**4.56**	**50.70**	**12.80**
BAAQMD Significance Threshold [4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	-	-
Phase 2 Interim						
Mobile	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.03	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Stationary[2]	-	-	-	-	-	-
Emergency Generators[3]	3.60	9.17	10.05	0.02	0.00	0.00
Total Project Emissions	**3.63**	**9.17**	**10.05**	**0.02**	**0.00**	**0.00**
BAAQMD Significance Threshold [4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	-	-

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Assumes emissions from gas vehicles only. Electric Vehicles would not generate criteria air pollutant emissions.
2. The operation of the CUP (stated as stationary sources) would serve both Phase 1 Interim and Phase 2 Interim operations resulting in shared emissions. Thus, the stationary emissions were only included as part of the Phase 2 Interim to avoid double-counting. Stationary emissions sources include five natural gas boilers and nine natural gas water heaters.
3. The four emergency generators are assumed to be operational during Phase 2 Interim.
4. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, 2022.

Source: CalEEMod version 2022.1.1.20 Refer to Appendix A: Air Quality Modeling Data.

Overlapping Emissions

The Project would be built in phases which would result in operational emissions and construction emissions to overlap. The overlapping emissions would occur with the following scenarios:

- Phase 1 operation and Phase 2 construction.
- Phase 1 operation, Phase 2 operation, and Phase 3 construction.

The overlapping emissions of Phase 1 operations, Phase 2 construction and operation, and Phase 3 construction are shown in Table 13: Unmitigated Project Overlapping Emissions and Table 14: Mitigated Project Overlapping Emissions. Table 13 shows that total overlapping emissions would not exceed BAAQMD thresholds for ROG and NO_X.

Table 13: Unmitigated Project Overlapping Emissions

Emissions Source	Pollutant (maximum pounds per day)[1]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Existing	33.7	23.1	0.9	0.9	28.2	7.1
Unmitigated Emissions (2024 to 2029)						
Phase 1 Operations[1]	36.50	14.80	0.33	0.31	50.70	12.80
Phase 2 Construction[3]	3.16	47.00	1.22	1.13	35.90	12.90
Total Overlapping Emissions	39.66	61.80	1.55	1.44	86.60	25.70
Net Emissions	**5.97**	**38.66**	**0.63**	**0.54**	**58.40**	**18.56**
BAAQMD Significance Threshold[4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	No	No
Unmitigated Emissions (2024-2034)						
Phase 1 Operation[1]	36.50	14.80	0.33	0.31	50.70	12.80
Phase 2 Operation[2]	6.74	18.69	5.07	4.78	0.00	0.00
Phase 3 Construction[3]	32.60	32.10	1.04	0.97	33.80	12.60
Total Overlapping Emissions	75.84	65.59	6.44	6.06	84.50	25.40
Net Emissions	**42.15**	**42.45**	**5.52**	**5.16**	**56.30**	**18.26**
BAAQMD Significance Threshold[4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	No	No

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Assumes emissions from gas vehicles only. Electric Vehicles would not generate criteria air pollutant emissions.
2. The operation of the CUP (stated as stationary sources) would serve both Phase 1 Interim and Phase 2 Interim operations resulting in shared emissions. Thus, the stationary emissions were only included as part of the Phase 2 Interim to avoid double-counting. Stationary emissions sources include five natural gas boilers and nine natural gas water heaters.
3. The four emergency generators are assumed to be operational during Phase 2 Interim.
4. The reduction/credits for construction emissions are based on "mitigation" included in CalEEMod and as typically required by BAAQMD (Basic Control Measures). The mitigation includes the following: replace ground cover on disturbed areas quickly, water exposed surfaces twice daily, and proper loading/unloading of mobile and other construction equipment (BMP). The reduction/credits for construction emissions also includes Tier 4 construction equipment (MM HRA-1).
5. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, 2022.

Source: CalEEMod version 2022.1.1.20 Refer to Appendix A: Air Quality Modeling Data.

Additionally, mitigation measures such as Tier 4 construction equipment (MM HRA-1), and standard BAAQMD basic construction control measures were included to reduce construction emissions (BMP). After mitigation, Table 14 shows that total overlapping emissions would continue to not exceed BAAQMD thresholds.

Table 14: Mitigated Project Overlapping Emissions

Emissions Source	Pollutant (maximum pounds per day)[1]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Existing	33.69	23.14	0.92	0.90	28.20	7.14
Mitigated Emissions (2029 to 2032)						
Phase 1 Operations[1]	36.50	14.80	0.33	0.31	50.70	12.80
Phase 2 Construction[2]	1.31	31.60	0.45	0.45	23.90	6.75
Total Overlapping Emissions	37.81	46.40	0.78	0.76	74.60	19.55
Net Emissions	**4.12**	**23.26**	**-0.14**	**-0.14**	**46.40**	**12.41**
BAAQMD Significance Threshold[4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*

Emissions Source	Pollutant (maximum pounds per day)[1]					
	ROG	NO_x	Exhaust		Fugitive Dust	
			PM_{10}	$PM_{2.5}$	PM_{10}	$PM_{2.5}$
Exceed BAAQMD Threshold?	No	No	No	No	No	No
Mitigated Emissions (2032-2034)						
Phase 1 Operation[1]	36.50	14.80	0.33	0.31	50.70	12.80
Phase 2 Operation[3,4]	6.74	18.69	5.07	4.78	0.00	0.00
Phase 3 Construction[2]	32.00	14.00	0.24	0.24	21.80	6.39
Total Overlapping Emissions	75.24	47.49	5.64	5.33	72.50	19.19
Net Emissions	**41.55**	**24.35**	**4.72**	**4.43**	**44.30**	**12.05**
BAAQMD Significance Threshold[4]	*54*	*54*	*82*	*54*	*N/A*	*N/A*
Exceed BAAQMD Threshold?	No	No	No	No	No	No

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Assumes emissions from gas vehicles only. Electric Vehicles would not generate criteria air pollutant emissions.
2. The reduction/credits for construction emissions are based on "mitigation" included in CalEEMod and as typically required by BAAQMD (Basic Control Measures). The mitigation includes the following: replace ground cover on disturbed areas quickly, water exposed surfaces twice daily, and proper loading/unloading of mobile and other construction equipment (BMP). The reduction/credits for construction emissions also includes Tier 4 construction equipment (MM HRA-1).
3. The operation of the CUP (stated as stationary sources) would serve both Phase 1 Interim and Phase 2 Interim operations resulting in shared emissions. Thus, the stationary emissions were only included as part of the Phase 2 Interim to avoid double-counting. Stationary emissions sources include five natural gas boilers and nine natural gas water heaters.
4. The four emergency backup generators are assumed to be operational during Phase 2 Interim.
5. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, 2022.

Source: CalEEMod version 2022.1.1.20 Refer to Appendix A: Air Quality Modeling Data.

Federal and state ambient air quality standards for criteria air pollutants have been set to protect public health, with an adequate margin of safety, and the climate. The BAAQMD thresholds for criteria air pollutants represent the level of emissions a project can have while allowing the air basin to attain federal and state ambient air quality standards. With mitigation, the Project would not have a significant impact on criterial air pollutants during construction or operation and thus would not have an adverse impact on human health due to criteria air pollutant emissions.

Cumulative Impacts

The geographic scope of the cumulative impacts is the Air Basin. The Basin is designated nonattainment for O_3, PM_{10}, and $PM_{2.5}$ for State standards and nonattainment for O_3 and $PM_{2.5}$ for federal standards.

The analysis of criteria air pollutants is inherently cumulative. No single project is sufficient in size, by itself, to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. BAAQMD developed the criteria air pollutant thresholds of significance based on the level above which a project's individual emissions would result in a cumulatively considerable contribution to the Basin's existing air quality conditions. Therefore, a project that exceeds BAAQMD's project-level criteria air pollutant thresholds also would make a cumulatively considerable contribution to a significant cumulative impact. If a project is considered to have cumulatively significant impacts, the analysis will also determine if the project is a cumulatively considerable contributor.

Construction

As discussed above and shown in Table10, the Project's construction-related emissions, with mitigation, by themselves would not have the potential to exceed BAAQMD significance thresholds for criteria

pollutants. Since these thresholds indicate whether an individual project's emissions have the potential to make a cumulatively considerable contribution to significant cumulative regional air quality impacts, the Project-related construction emissions with mitigation (implementation of MM HRA-1) also would not be cumulatively considerable. BAAQMD recommends Basic Construction Control Measures for all projects whether or not construction-related emissions exceed the thresholds of significance. Compliance with BAAQMD construction-related mitigation requirements is considered to reduce a project's contribution to cumulative impacts at a Basin-wide level to less than cumulatively considerable. As a result, construction emissions associated with the Project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

Operations

As shown in Table 13 and Table 14, the Project's operational emissions would not exceed BAAQMD thresholds for criteria pollutants. As a result, operational emissions associated with the Project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

Mitigation Measures: Mitigation Measure HRA-1.

Level of Significance: Less than significant with mitigation and compliance with standard conditions and City policies.

Threshold AQ-3: Would the Project expose sensitive receptors to substantial pollutant concentrations?

Sensitive land uses are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. Sensitive receptors nearest to the Project site include multi-family approximately 45 feet southeast of the Project site across Samaritan Place, the Cambrian Center Retirement Home approximately 50 feet southeast of the Project site, and single-family residences along Lost Oaks Drive approximately 200 feet south of the Project site. These distances are from the Project site to the sensitive receptor property line.

Carbon Monoxide Hotspots

Intersection Hotspots. The primary mobile-source criteria pollutant of local concern is CO. Concentrations of CO are a direct function of the number of vehicles, length of delay, and traffic flow conditions. Transport of this criteria pollutant is extremely limited; CO disperses rapidly with distance from the source under normal meteorological conditions. Under certain meteorological conditions, however, CO concentrations close to congested intersections that experience high levels of traffic and elevated background concentrations may reach unhealthy levels, affecting nearby sensitive receptors. Areas of high CO concentrations, or "hot spots," are typically associated with intersections that are projected to operate at unacceptable levels of service during the peak commute hours. CO concentration modeling is therefore typically conducted for intersections that are projected to operate at unacceptable levels of service during peak commute hours.

The SFBAAB is designated as in attainment for CO. Emissions and ambient concentrations of CO have decreased dramatically in the Basin with the introduction of the catalytic converter in 1975. No exceedances of the CAAQS or NAAQS for CO have been recorded at nearby monitoring stations since 1991. As a result, the BAAQMD screening criteria notes that CO impacts may be determined to be less

than significant if a project would not increase traffic volumes at local intersections to more than 44,000 vehicles per hour, or 24,000 vehicles per hour for locations in heavily urban areas, where "urban canyons" formed by buildings tend to reduce air circulation. Traffic would increase along surrounding roadways during long-term operational activities.

According to the Traffic Analysis prepared for the Project (2023), the Project would generate 9,861 net daily trips. The Project's effects to existing vehicle distribution and travel speeds would be nominal. Therefore, the project would not involve intersections with more than 24,000 or 44,000 vehicles per hour. As a result, the Project would not have the potential to create a CO hotspot and impacts would be less than significant.

Parking Structure Hotspots. CO concentrations are a function of vehicle idling time, meteorological conditions, and traffic flow. Therefore, parking structures (and particularly subterranean parking structures) tend to be of concern regarding CO hotspots, as they are enclosed spaces with frequent cars operating in cold start mode. The proposed Project includes approximately 2,179 parking spaces which includes surface parking and other construction of spaces within garage east and west. The proposed Project would be required to comply with the ventilation requirements of the International Mechanical Code (Section 404 [Enclosed Parking Garages]), which requires that mechanical ventilation systems for enclosed parking garages operate automatically by means of CO detectors in conjunction with NO_2 detectors. Section 404.2 requires a minimum air flow rate of 0.05 cubic feet per second per SF and the system shall be capable of producing a ventilation airflow rate of 0.75 cubic per second per SF of floor plan area. Impacts in regard to parking structure CO hotspots would be less than significant.

Toxic Air Contaminants

Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known TACs. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. The closest sensitive receptor to the Project site are the residences to the east of the Project site. BAAQMD provides guidance for evaluating impacts from TACs in its CEQA Air Quality Guidelines document. As noted therein, an incremental cancer risk of greater than 10 cases per million at the Maximally Exposed Individual (MEI) will result in a significant impact. BAAQMD considers exposure to annual $PM_{2.5}$ concentrations that exceed 0.3 $\mu g/m^3$ from a single source to be significant. The BAAQMD significance threshold for non-cancer hazards is 1.0.

Stationary sources within a 1,000-foot radius of the Project site were identified using BAAQMD's Stationary Source Screening Analysis Tools and consultation with BAAQMD. BAAQMD confirmed four sources exist within 1,000-feet of the Project site and are further evaluated in the Health Risk Assessment (HRA) prepared by Kimley-Horn 2023.

Construction-Related Diesel Particulate Matter

Project construction would generate DPM emissions from the use of off-road diesel equipment required for grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site poses a

health risk to nearby sensitive receptors. The closest sensitive receptor are single-family residences approximately 45 feet east of the Project site.

The amount to which the receptors are exposed (a function of concentration and duration of exposure) is the primary factor used to determine health risk (i.e., potential exposure to TAC emission levels that exceed applicable standards). On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur in various phases throughout the Project site. Additionally, construction activities would limit idling to no more than five minutes (per City and State standards, see Standard Permit Condition in impact section above), which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense year of construction, emissions of DPM would be generated from different locations on the Project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time.

$PM_{2.5}$ construction emissions rates in grams per second were calculated from the total annual mitigated on-site exhaust emissions reported in CalEEMod total during construction. It shall be noted that although construction would span over several years, the modeling conservatively uses the year with the highest emission for each phase. Annual emissions were converted to grams per second and these emissions rates were input into AERMOD.

As noted above, maximum (worst case) $PM_{2.5}$ exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. Risk levels were calculated based on the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, Air Toxics Hot Spots Program Risk Assessment Guidelines (February 2015). Results of this assessment are summarized in Table 15: Particulate Matter Concentration and Carcinogenic Risk. The reported annual pollutant concentrations in Table 15 are at the closest maximally exposed individual (MEI) at the residential receptors to the east of the Project site, the on-site patient and worker receptor at the existing hospital building, and the worker receptors to the west of the Project site.

Table 15: Particulate Matter Concentration and Carcinogenic Risk

Exposure Scenario	$PM_{2.5}$ Annual Concentration (µg/m³)	$PM_{2.5}$ Threshold (µg/m³)	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Risk Significance Threshold?
Unmitigated					
Construction					
Residential Receptor	0.05	0.30	16.89	10	**Yes**
On-Site Patient Receptor	0.24	0.30	15.09	10	**Yes**
On-Site Worker Receptor[2]	0.21	0.30	4.91	10	No
Off-Site Worker Receptor[2]	0.19	0.30	5.03	10	No
Operations					
Residential Receptor	0.01	0.30	3.15	10	No
On-Site Patient Receptor	0.01	0.30	4.07	10	No
On-Site Worker Receptor[2]	<0.001	0.30	2.49	10	No
Off-Site Worker Receptor[2]	<0.001	0.30	4.03	10	No
Combined Construction + Operations					
Residential Receptor	0.06	0.30	20.05	10	**Yes**
On-Site Patient Receptor	0.25	0.30	19.16	10	**Yes**
On-Site Worker Receptor[2]	0.21	0.30	7.40	10	No
Off-Site Worker Receptor[2]	0.19	0.30	9.05	10	No
Mitigated[3]					
Construction					
Residential Receptor	0.01	0.30	3.49	10	No
On-Site Patient Receptor	0.06	0.30	3.52	10	No
On-Site Worker Receptor[2]	0.04	0.30	0.89	10	No
Off-Site Worker Receptor[2]	0.03	0.30	0.87	10	No
Combined Construction + Operations					
Residential Receptor	0.02	0.30	6.64	10	No
On-Site Patient Receptor	0.07	0.30	7.59	10	No
On-Site Worker Receptor[2]	0.04	0.30	3.38	10	No
Off-Site Worker Receptor[2]	0.03	0.30	4.90	10	No

1. The reported annual pollutant concentration is at the closest maximally exposed individual (MEI) to the Project site.
2. The mitigated exposure scenario accounts for implementation of MM HRA-1 which requires all heavy-duty off-road construction equipment to meet CARB Tier 4 Final. This would reduce construction risk levels below BAAQMD thresholds. No mitigation is required for operations.

Source: Refer to HRA Report Appendix A: Modeling Data.

As shown in Table 13, the unmitigated construction risk at residential and on-site patient receptors would be approximately 17 and 15 in one million, respectively. The unmitigated construction risk at the on-site worker and off-site worker receptors would be approximately five in one million each. Additionally, the unmitigated operational cancer risk at residential and on-site patient receptors would be approximately three and four in one million, respectively. The operational risk at the on-site worker receptor would be approximately three in one million and four in one million at the off-site worker receptor.

The unmitigated combined construction and operational cancer risk at the on-site worker receptor would be approximately seven in one million and nine in one million at the off-site worker receptor. Further, the unmitigated combined construction and operational cancer risk at residential and on-site patient receptors would be approximately 20 and 19 in one million, respectively. Therefore, the maximum unmitigated construction cancer risk and unmitigated combined construction and operational cancer risk would exceed the BAAQMD threshold of 10 in one million.

The Project would implement mitigation measure HRA-1 (MM HRA-1) to reduce cancer risk. MM HRA-1 requires the use of construction equipment that would meet CARB Tier 4 Final emissions standards in order to reduce diesel exhaust construction emissions. Implementation of MM HRA-1 would reduce cancer risk from Project construction to below BAAQMD's 10 in one million threshold; refer to Table 13. Therefore, the Project's cancer risk would not exceed BAAQMD's 10 in one million threshold and impacts associated with carcinogenic risk would be less than significant.

Mitigation Measures:

HRA-1 All construction equipment must meet the standards set forth below.

- All diesel-powered off-road equipment, larger than 25 horsepower, operating on the site for more than two days continuously shall meet Tier 4 Final U.S. Environmental Protection Agency (EPA) particulate matter emissions standards.
- If Tier 4 Final equipment are not available, other measures may include the use of added exhaust devices, alternatively fueled equipment, or a combination of measures, provided that these measures demonstrate reduction in community risk impacts to a less than significant level, are verified by an air quality specialist, and approved by the City.
- The construction operations plan prepared by the construction contractor shall outline how the contractor will achieve the measures outlined in this mitigation measure. The plan shall include, but not be limited to the following:
    - List of activities and estimated timing.
    - Equipment that would be used for each activity.
    - Manufacturer's specifications for each equipment that provides the emissions level; or the manufacturer's specifications for devices that would be added to each piece of equipment to ensure the emissions level meet the thresholds in the mitigation measure.
    - How the construction contractor would ensure that the measures listed are monitored.
    - How the construction contractor would remedy any exceedance of the thresholds.
    - How often and the method the construction contractor would use to report compliance with this mitigation measure.

Non-Carcinogenic Hazard

Table 14: Chronic and Acute Hazard show that the highest calculated carcinogenic risk at the Project site would be less than hazard index of 1.0 at off-site sensitive receptors and on-site receptors. Therefore, impacts from construction and operational non-carcinogenic hazards would be less than significant.

Table 16: Chronic and Acute Hazard

Exposure Scenario[1]	Chronic Hazard	Acute Hazard[2]
Unmitigated Construction		
Residential Receptor	0.0202	N/A

Exposure Scenario[1]	Chronic Hazard	Acute Hazard[2]
On Site Patient Receptor	0.0474	N/A
On Site Worker Receptor[2]	0.0422	N/A
Off Site Worker Receptor[2]	0.0380	N/A
Unmitigated Operation		
Residential Receptor	0.0009	0.0001
On Site Patient Receptor	0.0019	<0.0001
On Site Worker Receptor[2]	<0.0001	<0.0001
Off Site Worker Receptor[2]	0.0067	<0.0001
BAAQMD Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**

1. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).
2. DPM is the primary TAC occurring during construction. There is no acute REL for DPM and acute health risk cannot be calculated. The Acute hazard would occur from natural gas boiler exhaust and is calculated using RELs from OEHHA.

Source: Refer to HRA Report Appendix A: Modeling Data.

Cumulative Health Impacts

Mobile and stationary sources within a 1,000-foot-radius of the Project site were identified using BAAQMD's Stationary Source Screening Analysis Tools and consultation with BAAQMD. As indicated in Table 15: Cumulative Health Risk, TACs generated from the stationary and roadway sources within a 1,000-foot-radius would not exceed BAAQMD thresholds.

Table 15 shows that cumulative impacts related to cancer risk and hazard would be less than cumulatively considerable and within acceptable limits. Additionally, cumulative $PM_{2.5}$ concentrations at the residential MEI would not exceed BAAQMD's cumulative threshold of 0.8 µg/m^3, the primary contributor to those concentrations is the existing highway sources near the Project area. The existing highway sources have a high $PM_{2.5}$ concentration (0.37 µg/m^3). The highway sources represent approximately 80 percent of the total concentrations and are unrelated to the Project. The Project represents less than one percent of total cumulative $PM_{2.5}$ in the Project area.

Table 17: Cumulative Health Risk

Emissions Sources	$PM_{2.5}$ (µg/m^3)	Cancer Risk (per million)	Hazard
Project Emissions	0.005	3.15	0.02
Stationary Sources[2]			
California Skin Institute	0.00	0.05	0.00
Major Street Sources[1]	0.08	3.64	0.32
Highway Sources[1]	0.37	10.85	1.48
Railway Sources[1]	0.00	0.11	0.00
Cumulative Health Risk Values	**0.46**	**17.80**	**1.82**
BAAQMD Cumulative Threshold	*0.8*	*100*	*10*
Threshold Exceeded?	**No**	**No**	**No**

1. BAAQMD GIS data.

Emissions Sources	$PM_{2.5}$ (µg/m³)	Cancer Risk (per million)	Hazard
2. Good Samaritan Emergency Room is listed as an existing stationary source within BAAQMD's Stationary Source Data Inventory. However, this source will be demolished in Phase 1 of Project construction and is therefore not included in this analysis.			
Source: BAAQMD's Stationary Source Data and GIS Mapping Tools, 2023.			

The Project and the cumulative project total $PM_{2.5}$ concentrations and cancer risk would not exceed BAAQMD cumulative thresholds. Therefore, the combined effects from both the proposed Project and related projects would not be cumulatively significant. The Project is also below BAAQMD's incremental health risk thresholds with the implementation of MM HRA-1. Therefore, the incremental effect of the individual Project is also less than cumulatively considerable.[10] As the related cumulative TAC sources in the Project area do not exceed BAAQMD cumulative thresholds for cancer risk and the Project does not exceed BAAQMD incremental thresholds, impacts would not be cumulatively considerable. Therefore, the project's cumulative impacts would be less than cumulatively considerable.

Mitigation Measures: Mitigation Measure HRA-1.

Level of Significance: Less than significant impact and less than cumulatively considerable impacts.

Threshold AQ-4: Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction

According to BAAQMD, land uses associated with odor complaints typically include wastewater treatment plants, landfills, confined animal facilities, composting stations, food manufacturing plants, refineries, and chemical plants. The Project does not include any uses identified by BAAQMD as being associated with odors.

Construction activities associated with the Project may generate detectable odors from heavy duty equipment (i.e., diesel exhaust), as well as from architectural coatings and asphalt off-gassing. Odors generated from the referenced sources are common in the man-made environment and are not known to be substantially offensive to adjacent receptors. Any construction-related odors would be episodic due to the nature of construction and cease upon Project completion. Odors also would be limited due to the requirement that construction vehicles not idle for longer than five minutes. Odors also would be within odors expected in urban areas, which tend to be exposed to more development and redevelopment than rural areas. As a result, impacts to existing adjacent land uses from construction-related odors would be short-term in duration and therefore would be less than significant.

Operational

BAAQMD has established odor screening thresholds for land uses that have the potential to generate substantial odor complaints, including wastewater treatment plants, landfills or transfer stations, composting facilities, confined animal facilities, food manufacturing, and chemical plants. BAAQMD's thresholds for odors are qualitative based on BAAQMD's Regulation 7, Odorous Substances. This rule

[10] CEQA case law has held that any additional emissions in an impacted area does not necessarily create a significant cumulative impact, finding that "the 'one [additional] molecule rule' is not the law" (Communities for a Better Environment v. California Resources Agency (2002) 103 Cal. App. 4th 98, 120).

places general limitations on odorous substances and specific emission limitations on certain odorous compounds. Further, BAAQMD CEQA Guidelines identifies a significant impact for odors if there are five confirmed complaints per year averaged over 3 years.

With respect to odor impacts from adjacent and nearby properties that could affect Project visitors (although not a CEQA impact) no land uses typically producing objectionable odors are located near the Project site and there have been no confirmed complaints of odor for the existing land use. Further, the project site is an existing hospital and odors from the proposed Project will remain unchanged from the existing land uses. Impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impacts.

5.2 CUMULATIVE SETTING, IMPACTS, AND MITIGATION MEASURES

Cumulative Setting

The cumulative setting for air quality includes the City and the Air Basin. The Air Basin is designated as a nonattainment area for state standards of O_3, PM_{10}, and $PM_{2.5}$ and federal standards of O_3 and $PM_{2.5,}$ attainment, and serious maintenance for federal PM_{10} standards, and is designated as unclassified or attainment for all other pollutants. Cumulative growth in population and vehicle use could inhibit efforts to improve regional air quality and attain the ambient air quality standards.

Cumulative Impacts and Mitigation Measures

The BAAQMD CEQA Air Quality Guidelines do not include separate significance thresholds for cumulative operational or construction emissions that result in criteria air pollutants. However, with respect to regional air pollution, the development of the Project would result in population growth that is consistent with ABAG projections and the City General Plan. Therefore, the Project would be consistent with the 2017 Clean Air Plan that uses ABAG population forecasts.

As described in threshold BAAQMD construction BMPs above, the Project would also be consistent with the appropriate 2017 Clean Air Plan control measures, which are provided to reduce air quality emissions for the entire Bay Area region. Additionally, the discussion in threshold AQ-2 addresses cumulative impacts and demonstrates that the Project would not exceed the applicable BAAQMD thresholds for construction or operations. The BAAQMD CEQA Air Quality Guidelines note that the nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size by itself to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. As mentioned on pages 2-10, 2-12, and 2-14 of the BAAQMD CEQA Guidelines (2022), if the project emissions of criteria air pollutants or its precursors are below the BAAQMD Thresholds of Significance, the project would result in a less than significant cumulative impact.

Consistency with the 2017 Clean Air Plan control measures would ensure that the Project would not make a cumulatively considerable contribution to air quality impacts in the Basin. In addition, in the discussion above in AQ-3 and AQ-4 the Project would not exceed the applicable BAAQMD thresholds for exposure of sensitive receptors to substantial pollutant concentrations after mitigation nor for other emissions

(such as those leading to odors) adversely affecting a substantial number of people. Therefore, impacts would be less than significant and less than cumulatively considerable.

Mitigation Measures: Refer to Mitigation Measure HRA-1.

Level of Significance Less than significant with mitigation and compliance with standard conditions and City policies.

6 REFERENCES

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Appendix A

Air Quality Modeling Data

Good Sam Existing Conditions Model Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Existing Conditions Model
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	359	1000sqft	8.24	359,000	0.00	—	—	Hospital Building A

Hospital	85.0	1000sqft	1.95	85,000	0.00	—	—	Hospital Building B
Day-Care Center	6.70	1000sqft	0.15	6,700	0.00	—	—	Day Care
Parking Lot	1,031	Space	9.28	0.00	0.00	—	—	Surface Parking

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	24.9	33.7	23.1	178	0.37	0.93	28.2	29.1	0.90	7.14	8.05	2,696	53,180	55,876	274	1.81	146	63,408
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	20.5	29.5	25.5	150	0.35	0.89	28.2	29.1	0.88	7.14	8.02	2,696	51,132	53,829	274	1.95	4.50	61,267
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.0	30.8	24.5	154	0.35	0.91	27.8	28.7	0.89	7.05	7.94	2,696	51,307	54,003	274	1.89	63.4	61,479
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.01	5.63	4.47	28.2	0.06	0.17	5.08	5.24	0.16	1.29	1.45	446	8,494	8,941	45.4	0.31	10.5	10,179

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	20.5	19.0	14.1	151	0.32	0.22	28.2	28.4	0.20	7.14	7.34	—	32,452	32,452	1.51	1.33	146	33,032
Area	3.48	14.2	0.17	19.6	< 0.005	0.03	—	0.03	0.03	—	0.03	—	80.6	80.6	< 0.005	< 0.005	—	80.9
Energy	0.98	0.49	8.87	7.45	0.05	0.67	—	0.67	0.67	—	0.67	—	20,445	20,445	2.53	0.21	—	20,571
Water	—	—	—	—	—	—	—	—	—	—	—	107	203	310	11.0	0.27	—	665
Waste	—	—	—	—	—	—	—	—	—	—	—	2,589	0.00	2,589	259	0.00	—	9,058
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.72	0.72
Total	24.9	33.7	23.1	178	0.37	0.93	28.2	29.1	0.90	7.14	8.05	2,696	53,180	55,876	274	1.81	146	63,408
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	19.6	18.0	16.6	142	0.30	0.22	28.2	28.4	0.20	7.14	7.35	—	30,485	30,485	1.73	1.48	3.78	30,972
Area	—	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.98	0.49	8.87	7.45	0.05	0.67	—	0.67	0.67	—	0.67	—	20,445	20,445	2.53	0.21	—	20,571
Water	—	—	—	—	—	—	—	—	—	—	—	107	203	310	11.0	0.27	—	665
Waste	—	—	—	—	—	—	—	—	—	—	—	2,589	0.00	2,589	259	0.00	—	9,058
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.72	0.72
Total	20.5	29.5	25.5	150	0.35	0.89	28.2	29.1	0.88	7.14	8.02	2,696	51,132	53,829	274	1.95	4.50	61,267
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	19.3	17.8	15.5	137	0.30	0.22	27.8	28.0	0.20	7.05	7.25	—	30,620	30,620	1.63	1.41	62.7	31,144
Area	1.72	12.6	0.08	9.66	< 0.005	0.02	—	0.02	0.01	—	0.01	—	39.8	39.8	< 0.005	< 0.005	—	39.9
Energy	0.98	0.49	8.87	7.45	0.05	0.67	—	0.67	0.67	—	0.67	—	20,445	20,445	2.53	0.21	—	20,571
Water	—	—	—	—	—	—	—	—	—	—	—	107	203	310	11.0	0.27	—	665
Waste	—	—	—	—	—	—	—	—	—	—	—	2,589	0.00	2,589	259	0.00	—	9,058
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.72	0.72

Total	22.0	30.8	24.5	154	0.35	0.91	27.8	28.7	0.89	7.05	7.94	2,696	51,307	54,003	274	1.89	63.4	61,479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.52	3.24	2.84	25.0	0.05	0.04	5.08	5.12	0.04	1.29	1.32	—	5,069	5,069	0.27	0.23	10.4	5,156
Area	0.31	2.30	0.01	1.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.58	6.58	< 0.005	< 0.005	—	6.60
Energy	0.18	0.09	1.62	1.36	0.01	0.12	—	0.12	0.12	—	0.12	—	3,385	3,385	0.42	0.04	—	3,406
Water	—	—	—	—	—	—	—	—	—	—	—	17.8	33.6	51.3	1.83	0.04	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	429	0.00	429	42.8	0.00	—	1,500
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
Total	4.01	5.63	4.47	28.2	0.06	0.17	5.08	5.24	0.16	1.29	1.45	446	8,494	8,941	45.4	0.31	10.5	10,179

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	20.2	18.7	13.9	148	0.31	0.21	27.8	28.0	0.20	7.04	7.24	—	31,969	31,969	1.49	1.31	144	32,541
Day-Care Center	0.30	0.28	0.21	2.24	< 0.005	< 0.005	0.42	0.42	< 0.005	0.11	0.11	—	482	482	0.02	0.02	2.17	491
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	20.5	19.0	14.1	151	0.32	0.22	28.2	28.4	0.20	7.14	7.34	—	32,452	32,452	1.51	1.33	146	33,032

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	19.3	17.7	16.4	140	0.30	0.21	27.8	28.0	0.20	7.04	7.24	—	30,032	30,032	1.71	1.45	3.72	30,512
Day-Care Center	0.29	0.27	0.25	2.12	< 0.005	< 0.005	0.42	0.42	< 0.005	0.11	0.11	—	453	453	0.03	0.02	0.06	460
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	19.6	18.0	16.6	142	0.30	0.22	28.2	28.4	0.20	7.14	7.35	—	30,485	30,485	1.73	1.48	3.78	30,972
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	3.47	3.20	2.80	24.7	0.05	0.04	5.02	5.06	0.04	1.27	1.31	—	5,016	5,016	0.27	0.23	10.3	5,101
Day-Care Center	0.05	0.05	0.03	0.29	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	53.8	53.8	< 0.005	< 0.005	0.11	54.8
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.52	3.24	2.84	25.0	0.05	0.04	5.08	5.12	0.04	1.29	1.32	—	5,069	5,069	0.27	0.23	10.4	5,156

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	9,650	9,650	1.56	0.19	—	9,745
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	16.6	16.6	< 0.005	< 0.005	—	16.8

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	198	198	0.03	< 0.005	—	200
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,864	9,864	1.60	0.19	—	9,962
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	9,650	9,650	1.56	0.19	—	9,745
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	16.6	16.6	< 0.005	< 0.005	—	16.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	198	198	0.03	< 0.005	—	200
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,864	9,864	1.60	0.19	—	9,962
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	1,598	1,598	0.26	0.03	—	1,613
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	2.75	2.75	< 0.005	< 0.005	—	2.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	32.8	32.8	0.01	< 0.005	—	33.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,633	1,633	0.26	0.03	—	1,649

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.97	0.48	8.79	7.39	0.05	0.67	—	0.67	0.67	—	0.67	—	10,492	10,492	0.93	0.02	—	10,521

Day-Care Center	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	88.2	88.2	0.01	< 0.005	—	88.4
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.98	0.49	8.87	7.45	0.05	0.67	—	0.67	0.67	—	0.67	—	10,580	10,580	0.94	0.02	—	10,610
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.97	0.48	8.79	7.39	0.05	0.67	—	0.67	0.67	—	0.67	—	10,492	10,492	0.93	0.02	—	10,521
Day-Care Center	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	88.2	88.2	0.01	< 0.005	—	88.4
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.98	0.49	8.87	7.45	0.05	0.67	—	0.67	0.67	—	0.67	—	10,580	10,580	0.94	0.02	—	10,610
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.18	0.09	1.60	1.35	0.01	0.12	—	0.12	0.12	—	0.12	—	1,737	1,737	0.15	< 0.005	—	1,742
Day-Care Center	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.6	14.6	< 0.005	< 0.005	—	14.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.18	0.09	1.62	1.36	0.01	0.12	—	0.12	0.12	—	0.12	—	1,752	1,752	0.16	< 0.005	—	1,757

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	9.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.48	3.21	0.17	19.6	< 0.005	0.03	—	0.03	0.03	—	0.03	—	80.6	80.6	< 0.005	< 0.005	—	80.9
Total	3.48	14.2	0.17	19.6	< 0.005	0.03	—	0.03	0.03	—	0.03	—	80.6	80.6	< 0.005	< 0.005	—	80.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	9.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.31	0.29	0.01	1.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.58	6.58	< 0.005	< 0.005	—	6.60
Total	0.31	2.30	0.01	1.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.58	6.58	< 0.005	< 0.005	—	6.60

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	107	202	308	11.0	0.26	—	662
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.55	1.04	1.59	0.06	< 0.005	—	3.41
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	107	203	310	11.0	0.27	—	665
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	107	202	308	11.0	0.26	—	662
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.55	1.04	1.59	0.06	< 0.005	—	3.41
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	107	203	310	11.0	0.27	—	665
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	17.7	33.4	51.1	1.82	0.04	—	110
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.09	0.17	0.26	0.01	< 0.005	—	0.56

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	17.8	33.6	51.3	1.83	0.04	—	110

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	2,584	0.00	2,584	258	0.00	—	9,042
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	4.69	0.00	4.69	0.47	0.00	—	16.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2,589	0.00	2,589	259	0.00	—	9,058
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	2,584	0.00	2,584	258	0.00	—	9,042
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	4.69	0.00	4.69	0.47	0.00	—	16.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2,589	0.00	2,589	259	0.00	—	9,058
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	428	0.00	428	42.8	0.00	—	1,497

Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	0.78	0.00	0.78	0.08	0.00	—	2.72
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	429	0.00	429	42.8	0.00	—	1,500

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.70	0.70
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.72	0.72
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.70	0.70
Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.72	0.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12

Day-Care Center	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Hospital	4,066	4,066	4,066	1,483,920	31,819	31,819	31,819	11,613,800
Hospital	963	963	963	351,346	7,534	7,534	7,534	2,749,786
Day-Care Center	75.9	75.9	75.9	27,694	346	594	594	152,204
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	676,050	225,350	24,252

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hospital	13,961,339	204	0.0330	0.0040	26,470,770
Hospital	3,305,610	204	0.0330	0.0040	6,267,453
Day-Care Center	29,731	204	0.0330	0.0040	275,108
Parking Lot	354,073	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hospital	45,047,513	0.00
Hospital	10,665,846	0.00
Day-Care Center	287,360	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hospital	3,877	—
Hospital	918	—
Day-Care Center	8.71	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Day-Care Center	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Day-Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Day-Care Center	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00

Day-Care Center	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75

Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762

Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5

Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00

Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Updated to reflect trip rate that we calculated in assumptions spreadsheet
Operations: Refrigerants	No changes, making consistent with Hospital land use.

Good Sam Phase 1 Construction Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 1 Construction
Construction Start Date	3/27/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	548	1000sqft	12.6	548,444	51,200	0.00	—	Building C

Parking Lot	552	Space	4.97	0.00	0.00	—	—	Parking Lot
Enclosed Parking with Elevator	653	Space	5.88	352,000	0.00	—	—	Garage East
General Heavy Industry	23.8	1000sqft	0.55	23,750	0.00	—	—	CUP
Other Asphalt Surfaces	20.4	1000sqft	0.47	0.00	0.00	—	—	Mech Yard, & O2 Yard

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.42	39.0	76.3	73.3	0.23	2.36	43.2	45.1	2.08	14.2	15.9	—	35,279	35,279	2.24	3.86	65.1	36,552
Mit.	4.78	38.3	38.1	80.2	0.23	0.61	31.3	31.6	0.49	8.02	8.32	—	35,279	35,279	2.24	3.86	65.1	36,552
% Reduced	49%	2%	50%	-9%	—	74%	28%	30%	76%	43%	48%	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.06	39.0	57.6	43.4	0.15	1.89	43.2	45.1	1.67	14.2	15.9	—	21,540	21,540	1.55	2.64	0.92	22,366
Mit.	2.22	38.2	24.2	38.8	0.15	0.39	31.3	31.6	0.29	8.02	8.32	—	21,540	21,540	1.55	2.64	0.92	22,366
% Reduced	63%	2%	58%	11%	—	79%	28%	30%	82%	43%	48%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.28	18.7	23.4	26.9	0.06	0.79	6.14	6.93	0.72	1.84	2.55	—	9,386	9,386	0.51	0.84	8.23	9,658
Mit.	1.61	18.1	10.3	28.6	0.06	0.15	4.98	5.13	0.14	1.28	1.42	—	9,386	9,386	0.51	0.84	8.23	9,658
% Reduced	51%	3%	56%	-6%	—	80%	19%	26%	81%	30%	44%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.60	3.42	4.27	4.91	0.01	0.14	1.12	1.26	0.13	0.34	0.47	—	1,554	1,554	0.08	0.14	1.36	1,599
Mit.	0.29	3.31	1.88	5.22	0.01	0.03	0.91	0.94	0.03	0.23	0.26	—	1,554	1,554	0.08	0.14	1.36	1,599
% Reduced	51%	3%	56%	-6%	—	80%	19%	26%	81%	30%	44%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	9.42	6.54	76.3	73.3	0.23	2.36	43.2	45.1	2.08	14.2	15.9	—	35,279	35,279	2.24	3.86	65.1	36,552
2025	2.99	2.42	16.8	29.4	0.05	0.50	3.82	4.32	0.46	0.94	1.40	—	9,375	9,375	0.38	0.72	22.1	9,620
2026	2.78	2.28	15.8	28.3	0.05	0.44	3.82	4.27	0.41	0.94	1.35	—	9,250	9,250	0.38	0.72	20.0	9,493
2027	3.58	3.07	22.1	37.9	0.07	0.70	3.95	4.65	0.65	0.97	1.62	—	10,752	10,752	0.43	0.73	18.3	10,998

2028	2.90	39.0	15.2	29.9	0.05	0.38	4.37	4.76	0.33	1.07	1.40	—	9,647	9,647	0.35	0.60	17.6	9,854
2029	2.46	1.96	13.7	25.9	0.05	0.34	3.82	4.16	0.29	0.94	1.23	—	8,820	8,820	0.34	0.60	14.2	9,021
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	6.06	4.02	57.6	43.4	0.15	1.89	43.2	45.1	1.67	14.2	15.9	—	21,540	21,540	1.55	2.64	0.92	22,366
2025	2.86	2.37	17.2	27.5	0.05	0.50	3.82	4.32	0.46	0.94	1.40	—	9,167	9,167	0.39	0.72	0.57	9,393
2026	2.74	2.15	16.3	26.5	0.05	0.44	3.82	4.27	0.41	0.94	1.35	—	9,046	9,046	0.39	0.72	0.52	9,272
2027	3.54	3.03	22.4	36.1	0.07	0.70	3.95	4.65	0.65	0.97	1.62	—	10,543	10,543	0.44	0.73	0.48	10,773
2028	2.83	39.0	15.7	28.0	0.05	0.38	4.37	4.76	0.33	1.07	1.40	—	9,412	9,412	0.37	0.71	0.46	9,633
2029	2.44	1.93	14.1	24.4	0.05	0.34	3.82	4.16	0.29	0.94	1.23	—	8,628	8,628	0.34	0.68	0.37	8,841
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	3.28	2.53	23.4	26.9	0.06	0.79	6.14	6.93	0.72	1.84	2.55	—	9,386	9,386	0.51	0.84	8.23	9,658
2025	2.45	2.02	14.6	23.4	0.04	0.43	3.25	3.68	0.40	0.80	1.20	—	7,881	7,881	0.33	0.61	8.20	8,080
2026	2.33	1.83	13.8	22.6	0.04	0.38	3.25	3.63	0.35	0.80	1.15	—	7,777	7,777	0.33	0.61	7.39	7,975
2027	2.66	2.21	16.4	26.7	0.05	0.48	3.31	3.79	0.45	0.81	1.26	—	8,415	8,415	0.35	0.62	6.70	8,615
2028	2.32	18.7	13.0	22.8	0.05	0.32	3.51	3.83	0.28	0.86	1.14	—	7,861	7,861	0.30	0.60	6.25	8,053
2029	2.05	1.63	11.7	20.4	0.04	0.29	3.20	3.49	0.25	0.79	1.03	—	7,295	7,295	0.29	0.58	5.16	7,479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.60	0.46	4.27	4.91	0.01	0.14	1.12	1.26	0.13	0.34	0.47	—	1,554	1,554	0.08	0.14	1.36	1,599
2025	0.45	0.37	2.66	4.27	0.01	0.08	0.59	0.67	0.07	0.15	0.22	—	1,305	1,305	0.05	0.10	1.36	1,338
2026	0.43	0.33	2.51	4.13	0.01	0.07	0.59	0.66	0.06	0.15	0.21	—	1,288	1,288	0.05	0.10	1.22	1,320
2027	0.49	0.40	2.99	4.87	0.01	0.09	0.60	0.69	0.08	0.15	0.23	—	1,393	1,393	0.06	0.10	1.11	1,426
2028	0.42	3.42	2.37	4.16	0.01	0.06	0.64	0.70	0.05	0.16	0.21	—	1,301	1,301	0.05	0.10	1.03	1,333
2029	0.37	0.30	2.14	3.73	0.01	0.05	0.58	0.64	0.04	0.14	0.19	—	1,208	1,208	0.05	0.10	0.85	1,238

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.78	2.79	38.1	80.2	0.23	0.61	31.3	31.6	0.49	8.02	8.32	—	35,279	35,279	2.24	3.86	65.1	36,552
2025	2.00	1.62	9.13	31.2	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,375	9,375	0.38	0.72	22.1	9,620
2026	1.84	1.54	8.76	30.2	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,250	9,250	0.38	0.72	20.0	9,493
2027	1.98	1.79	10.5	40.4	0.07	0.17	3.95	4.12	0.17	0.97	1.14	—	10,752	10,752	0.43	0.73	18.3	10,998
2028	1.95	38.3	8.95	31.7	0.05	0.14	4.37	4.52	0.11	1.07	1.18	—	9,647	9,647	0.35	0.60	17.6	9,854
2029	1.66	1.33	7.98	27.8	0.05	0.14	3.82	3.96	0.11	0.94	1.05	—	8,820	8,820	0.34	0.60	14.2	9,021
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.22	1.62	24.2	38.8	0.15	0.39	31.3	31.6	0.29	8.02	8.32	—	21,540	21,540	1.55	2.64	0.92	22,366
2025	1.87	1.58	9.61	29.3	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,167	9,167	0.39	0.72	0.57	9,393
2026	1.81	1.41	9.27	28.4	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,046	9,046	0.39	0.72	0.52	9,272
2027	1.94	1.75	10.9	38.6	0.07	0.17	3.95	4.12	0.17	0.97	1.14	—	10,543	10,543	0.44	0.73	0.48	10,773
2028	1.88	38.2	9.46	29.7	0.05	0.14	4.37	4.52	0.11	1.07	1.18	—	9,412	9,412	0.37	0.71	0.46	9,633
2029	1.63	1.29	8.34	26.3	0.05	0.14	3.82	3.96	0.11	0.94	1.05	—	8,628	8,628	0.34	0.68	0.37	8,841
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.61	1.17	10.3	27.2	0.06	0.15	4.98	5.13	0.14	1.28	1.42	—	9,386	9,386	0.51	0.84	8.23	9,658
2025	1.59	1.34	8.07	25.0	0.04	0.12	3.25	3.37	0.12	0.80	0.92	—	7,881	7,881	0.33	0.61	8.20	8,080
2026	1.53	1.20	7.75	24.2	0.04	0.12	3.25	3.37	0.12	0.80	0.92	—	7,777	7,777	0.33	0.61	7.39	7,975
2027	1.57	1.34	8.43	28.6	0.05	0.13	3.31	3.44	0.13	0.81	0.94	—	8,415	8,415	0.35	0.62	6.70	8,615
2028	1.55	18.1	7.64	24.3	0.05	0.12	3.51	3.63	0.09	0.86	0.96	—	7,861	7,861	0.30	0.60	6.25	8,053
2029	1.37	1.09	6.86	22.0	0.04	0.12	3.20	3.32	0.09	0.79	0.88	—	7,295	7,295	0.29	0.58	5.16	7,479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.29	0.21	1.88	4.97	0.01	0.03	0.91	0.94	0.03	0.23	0.26	—	1,554	1,554	0.08	0.14	1.36	1,599
2025	0.29	0.24	1.47	4.55	0.01	0.02	0.59	0.62	0.02	0.15	0.17	—	1,305	1,305	0.05	0.10	1.36	1,338
2026	0.28	0.22	1.41	4.42	0.01	0.02	0.59	0.62	0.02	0.15	0.17	—	1,288	1,288	0.05	0.10	1.22	1,320
2027	0.29	0.24	1.54	5.22	0.01	0.02	0.60	0.63	0.02	0.15	0.17	—	1,393	1,393	0.06	0.10	1.11	1,426
2028	0.28	3.31	1.39	4.44	0.01	0.02	0.64	0.66	0.02	0.16	0.17	—	1,301	1,301	0.05	0.10	1.03	1,333
2029	0.25	0.20	1.25	4.02	0.01	0.02	0.58	0.61	0.02	0.14	0.16	—	1,208	1,208	0.05	0.10	0.85	1,238

3. Construction Emissions Details

3.1. Demolition (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.12	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.39	0.39	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.52	4.91	4.29	0.01	0.21	—	0.21	0.19	—	0.19	—	676	676	0.03	0.01	—	678
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.90	0.78	< 0.005	0.04	—	0.04	0.04	—	0.04	—	112	112	< 0.005	< 0.005	—	112
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.66	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	131	131	< 0.005	< 0.005	0.56	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.41	0.20	< 0.005	0.01	0.08	0.09	< 0.005	0.02	0.03	—	322	322	0.03	0.05	0.70	339
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.2	24.2	< 0.005	< 0.005	0.05	24.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.6	63.6	0.01	0.01	0.06	66.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.5	10.5	< 0.005	< 0.005	0.01	11.1

3.2. Demolition (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.39	0.39	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.89	3.58	0.01	0.01	—	0.01	0.01	—	0.01	—	676	676	0.03	0.01	—	678
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	112	112	< 0.005	< 0.005	—	112
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.04	0.66	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	131	131	< 0.005	< 0.005	0.56	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.41	0.20	< 0.005	0.01	0.08	0.09	< 0.005	0.02	0.03	—	322	322	0.03	0.05	0.70	339
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.2	24.2	< 0.005	< 0.005	0.05	24.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.6	63.6	0.01	0.01	0.06	66.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.5	10.5	< 0.005	< 0.005	0.01	11.1

3.3. Site Preparation (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.36	2.17	< 0.005	0.11	—	0.11	0.10	—	0.10	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	1.29	1.29	—	0.66	0.66	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.27	1.27	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.43	0.40	< 0.005	0.02	—	0.02	0.02	—	0.02	—	57.7	57.7	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.12	0.12	—	—	—	—	—	—	—

Demolition	—	—	—	—	—	—	0.23	0.23	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.77	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	153	153	< 0.005	0.01	0.65	155
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.68	0.34	20.4	9.85	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,096	16,096	1.33	2.59	34.8	16,937
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.66	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	142	142	< 0.005	0.01	0.02	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.66	0.32	21.6	9.83	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,102	16,102	1.33	2.59	0.90	16,909
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.42	9.42	< 0.005	< 0.005	0.02	9.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.11	0.02	1.39	0.64	0.01	0.02	0.27	0.29	0.01	0.07	0.09	—	1,059	1,059	0.09	0.17	0.99	1,112
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.25	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	175	175	0.01	0.03	0.16	184

3.4. Site Preparation (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	1.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—

Demolitio	—	—	—	—	—	—	1.27	1.27	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.7	57.7	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Demolitio n	—	—	—	—	—	—	0.23	0.23	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.77	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	153	153	< 0.005	0.01	0.65	155
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.68	0.34	20.4	9.85	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,096	16,096	1.33	2.59	34.8	16,937
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.66	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	142	142	< 0.005	0.01	0.02	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.66	0.32	21.6	9.83	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,102	16,102	1.33	2.59	0.90	16,909
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.42	9.42	< 0.005	< 0.005	0.02	9.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.11	0.02	1.39	0.64	0.01	0.02	0.27	0.29	0.01	0.07	0.09	—	1,059	1,059	0.09	0.17	0.99	1,112

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.25	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	175	175	0.01	0.03	0.16	184

3.5. Grading (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	9.34	9.34	—	3.67	3.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.23	2.25	1.98	< 0.005	0.10	—	0.10	0.09	—	0.09	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.61	0.61	—	0.24	0.24	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.36	< 0.005	0.02	—	0.02	0.02	—	0.02	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.75	178
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.98	0.40	24.1	11.6	0.12	0.34	4.83	5.17	0.23	1.32	1.55	—	19,007	19,007	1.57	3.06	41.0	19,999
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	10.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.13	0.03	1.65	0.76	0.01	0.02	0.32	0.34	0.02	0.09	0.10	—	1,250	1,250	0.10	0.20	1.17	1,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.30	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	207	207	0.02	0.03	0.19	217

3.6. Grading (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.64	3.64	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.75	178
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.98	0.40	24.1	11.6	0.12	0.34	4.83	5.17	0.23	1.32	1.55	—	19,007	19,007	1.57	3.06	41.0	19,999
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	10.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.13	0.03	1.65	0.76	0.01	0.02	0.32	0.34	0.02	0.09	0.10	—	1,250	1,250	0.10	0.20	1.17	1,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.30	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	207	207	0.02	0.03	0.19	217

3.7. Building Construction (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.48	1.24	11.5	13.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,432	2,432	0.10	0.02	—	2,440

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.48	1.24	11.5	13.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	0.73	6.79	7.89	0.01	0.30	—	0.30	0.28	—	0.28	—	1,439	1,439	0.06	0.01	—	1,444
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.24	1.44	< 0.005	0.05	—	0.05	0.05	—	0.05	—	238	238	0.01	< 0.005	—	239
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.28	1.16	0.90	14.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,914	2,914	0.05	0.11	12.4	2,960
Vendor	0.42	0.15	5.49	2.62	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,153	4,153	0.26	0.62	10.9	4,354
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.24	1.11	1.12	12.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,699	2,699	0.07	0.12	0.32	2,735
Vendor	0.41	0.15	5.81	2.70	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,156	4,156	0.26	0.62	0.28	4,346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.72	0.65	0.60	7.34	0.00	0.00	1.62	1.62	0.00	0.38	0.38	—	1,615	1,615	0.04	0.07	3.16	1,639
Vendor	0.24	0.09	3.36	1.57	0.02	0.03	0.63	0.66	0.03	0.17	0.21	—	2,458	2,458	0.15	0.36	2.78	2,574
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.34	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	267	267	0.01	0.01	0.52	271
Vendor	0.04	0.02	0.61	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	407	407	0.03	0.06	0.46	426
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.23	0.21	1.82	8.90	0.01	0.05	—	0.05	0.05	—	0.05	—	1,439	1,439	0.06	0.01	—	1,444
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.33	1.62	< 0.005	0.01	—	0.01	0.01	—	0.01	—	238	238	0.01	< 0.005	—	239
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.28	1.16	0.90	14.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,914	2,914	0.05	0.11	12.4	2,960
Vendor	0.42	0.15	5.49	2.62	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,153	4,153	0.26	0.62	10.9	4,354
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.24	1.11	1.12	12.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,699	2,699	0.07	0.12	0.32	2,735
Vendor	0.41	0.15	5.81	2.70	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,156	4,156	0.26	0.62	0.28	4,346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.72	0.65	0.60	7.34	0.00	0.00	1.62	1.62	0.00	0.38	0.38	—	1,615	1,615	0.04	0.07	3.16	1,639
Vendor	0.24	0.09	3.36	1.57	0.02	0.03	0.63	0.66	0.03	0.17	0.21	—	2,458	2,458	0.15	0.36	2.78	2,574
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.34	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	267	267	0.01	0.01	0.52	271
Vendor	0.04	0.02	0.61	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	407	407	0.03	0.06	0.46	426
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (Phase 1) (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.39	1.16	10.7	13.3	0.02	0.44	—	0.44	0.41	—	0.41	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.39	1.16	10.7	13.3	0.02	0.44	—	0.44	0.41	—	0.41	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	0.99	9.17	11.4	0.02	0.38	—	0.38	0.35	—	0.35	—	2,085	2,085	0.08	0.02	—	2,092
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.67	2.07	< 0.005	0.07	—	0.07	0.06	—	0.06	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.11	0.81	13.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,857	2,857	0.05	0.11	11.3	2,901
Vendor	0.39	0.15	5.25	2.53	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,087	4,087	0.23	0.59	10.8	4,278
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.10	1.07	1.02	11.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,646	2,646	0.07	0.12	0.29	2,682
Vendor	0.38	0.14	5.51	2.57	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,089	4,089	0.23	0.59	0.28	4,270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.90	0.78	9.86	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,293	2,293	0.05	0.09	4.17	2,326
Vendor	0.33	0.13	4.64	2.20	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,504	3,504	0.19	0.50	4.02	3,663
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.14	1.80	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	380	380	0.01	0.02	0.69	385
Vendor	0.06	0.02	0.85	0.40	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	580	580	0.03	0.08	0.67	606
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (Phase 1) (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.64	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,085	2,085	0.08	0.02	—	2,092
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.11	0.81	13.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,857	2,857	0.05	0.11	11.3	2,901
Vendor	0.39	0.15	5.25	2.53	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,087	4,087	0.23	0.59	10.8	4,278
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.10	1.07	1.02	11.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,646	2,646	0.07	0.12	0.29	2,682

Vendor	0.38	0.14	5.51	2.57	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,089	4,089	0.23	0.59	0.28	4,270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.90	0.78	9.86	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,293	2,293	0.05	0.09	4.17	2,326
Vendor	0.33	0.13	4.64	2.20	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,504	3,504	0.19	0.50	4.02	3,663
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.14	1.80	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	380	380	0.01	0.02	0.69	385
Vendor	0.06	0.02	0.85	0.40	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	580	580	0.03	0.08	0.67	606
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (Phase 1) (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.10	10.1	13.2	0.02	0.39	—	0.39	0.36	—	0.36	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.10	10.1	13.2	0.02	0.39	—	0.39	0.36	—	0.36	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	0.95	8.66	11.3	0.02	0.33	—	0.33	0.31	—	0.31	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.58	2.06	< 0.005	0.06	—	0.06	0.06	—	0.06	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.08	1.05	0.71	12.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,803	2,803	0.05	0.11	10.2	2,846
Vendor	0.38	0.12	4.98	2.44	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,016	4,016	0.23	0.59	9.79	4,206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	0.93	0.92	10.8	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,596	2,596	0.07	0.12	0.27	2,633
Vendor	0.37	0.12	5.27	2.48	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,018	4,018	0.23	0.59	0.25	4,199
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.79	0.70	9.19	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,250	2,250	0.05	0.09	3.78	2,282
Vendor	0.32	0.10	4.41	2.12	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,443	3,443	0.19	0.50	3.61	3,602
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.13	1.68	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	372	372	0.01	0.02	0.63	378

Vendor	0.06	0.02	0.81	0.39	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	570	570	0.03	0.08	0.60	596
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (Phase 1) (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.63	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.08	1.05	0.71	12.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,803	2,803	0.05	0.11	10.2	2,846
Vendor	0.38	0.12	4.98	2.44	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,016	4,016	0.23	0.59	9.79	4,206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	0.93	0.92	10.8	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,596	2,596	0.07	0.12	0.27	2,633
Vendor	0.37	0.12	5.27	2.48	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,018	4,018	0.23	0.59	0.25	4,199
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.79	0.70	9.19	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,250	2,250	0.05	0.09	3.78	2,282
Vendor	0.32	0.10	4.41	2.12	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,443	3,443	0.19	0.50	3.61	3,602
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.13	1.68	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	372	372	0.01	0.02	0.63	378
Vendor	0.06	0.02	0.81	0.39	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	570	570	0.03	0.08	0.60	596
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (Phase 1) (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.27	1.06	9.64	13.1	0.02	0.35	—	0.35	0.32	—	0.32	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.27	1.06	9.64	13.1	0.02	0.35	—	0.35	0.32	—	0.32	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	0.91	8.26	11.3	0.02	0.30	—	0.30	0.27	—	0.27	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.17	1.51	2.06	< 0.005	0.05	—	0.05	0.05	—	0.05	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	0.92	0.70	11.9	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,751	2,751	0.04	0.11	9.23	2,794
Vendor	0.35	0.12	4.76	2.35	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,934	3,934	0.23	0.58	8.66	4,122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.89	0.82	10.1	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,549	2,549	0.06	0.11	0.24	2,583

Vendor	0.34	0.12	5.00	2.41	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,937	3,937	0.22	0.59	0.22	4,118
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.85	0.75	0.69	8.60	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,209	2,209	0.04	0.09	3.41	2,241
Vendor	0.30	0.10	4.20	2.04	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,373	3,373	0.19	0.50	3.20	3,531
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.13	1.57	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	366	366	0.01	0.02	0.57	371
Vendor	0.05	0.02	0.77	0.37	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	558	558	0.03	0.08	0.53	585
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (Phase 1) (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.63	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	0.92	0.70	11.9	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,751	2,751	0.04	0.11	9.23	2,794
Vendor	0.35	0.12	4.76	2.35	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,934	3,934	0.23	0.58	8.66	4,122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.89	0.82	10.1	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,549	2,549	0.06	0.11	0.24	2,583
Vendor	0.34	0.12	5.00	2.41	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,937	3,937	0.22	0.59	0.22	4,118
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.85	0.75	0.69	8.60	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,209	2,209	0.04	0.09	3.41	2,241
Vendor	0.30	0.10	4.20	2.04	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,373	3,373	0.19	0.50	3.20	3,531
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.13	1.57	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	366	366	0.01	0.02	0.57	371

Vendor	0.05	0.02	0.77	0.37	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	558	558	0.03	0.08	0.53	585
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Building Construction (Phase 1) (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22	1.02	9.18	13.1	0.02	0.31	—	0.31	0.29	—	0.29	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22	1.02	9.18	13.1	0.02	0.31	—	0.31	0.29	—	0.29	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.05	0.88	7.89	11.3	0.02	0.27	—	0.27	0.25	—	0.25	—	2,090	2,090	0.08	0.02	—	2,097
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.44	2.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	346	346	0.01	< 0.005	—	347
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	0.89	0.61	11.2	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,703	2,703	0.04	0.02	8.30	2,719
Vendor	0.35	0.12	4.51	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,838	3,838	0.19	0.56	7.66	4,016
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.86	0.81	9.53	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,505	2,505	0.06	0.11	0.22	2,539
Vendor	0.31	0.12	4.77	2.32	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,841	3,841	0.19	0.56	0.20	4,013
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.73	0.61	8.12	0.00	0.00	2.35	2.35	0.00	0.55	0.55	—	2,176	2,176	0.04	0.09	3.08	2,208
Vendor	0.30	0.10	4.02	1.96	0.02	0.05	0.91	0.96	0.02	0.25	0.28	—	3,300	3,300	0.17	0.48	2.84	3,449
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.11	1.48	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	360	360	0.01	0.02	0.51	366
Vendor	0.05	0.02	0.73	0.36	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	546	546	0.03	0.08	0.47	571
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Building Construction (Phase 1) (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.63	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,090	2,090	0.08	0.02	—	2,097
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	346	346	0.01	< 0.005	—	347
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	0.89	0.61	11.2	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,703	2,703	0.04	0.02	8.30	2,719
Vendor	0.35	0.12	4.51	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,838	3,838	0.19	0.56	7.66	4,016
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.86	0.81	9.53	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,505	2,505	0.06	0.11	0.22	2,539

Vendor	0.31	0.12	4.77	2.32	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,841	3,841	0.19	0.56	0.20	4,013
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.73	0.61	8.12	0.00	0.00	2.35	2.35	0.00	0.55	0.55	—	2,176	2,176	0.04	0.09	3.08	2,208
Vendor	0.30	0.10	4.02	1.96	0.02	0.05	0.91	0.96	0.02	0.25	0.28	—	3,300	3,300	0.17	0.48	2.84	3,449
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.11	1.48	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	360	360	0.01	0.02	0.51	366
Vendor	0.05	0.02	0.73	0.36	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	546	546	0.03	0.08	0.47	571
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Building Construction (Phase 1) (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	1.00	8.83	13.1	0.02	0.29	—	0.29	0.26	—	0.26	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	1.00	8.83	13.1	0.02	0.29	—	0.29	0.26	—	0.26	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.84	7.45	11.1	0.02	0.24	—	0.24	0.22	—	0.22	—	2,050	2,050	0.08	0.02	—	2,057
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.36	2.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	339	339	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	0.84	0.60	10.5	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,658	2,658	0.04	0.02	7.40	2,673
Vendor	0.32	0.12	4.31	2.20	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,731	3,731	0.19	0.56	6.78	3,908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.81	0.72	9.02	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,463	2,463	0.05	0.11	0.19	2,497
Vendor	0.31	0.12	4.56	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,733	3,733	0.19	0.56	0.18	3,904
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.69	0.52	7.49	0.00	0.00	2.30	2.30	0.00	0.54	0.54	—	2,099	2,099	0.04	0.09	2.69	2,130
Vendor	0.27	0.10	3.76	1.87	0.02	0.05	0.89	0.94	0.02	0.25	0.27	—	3,146	3,146	0.16	0.47	2.47	3,292
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.09	1.37	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	348	348	0.01	0.02	0.45	353

Vendor	0.05	0.02	0.69	0.34	< 0.005	0.01	0.16	0.17	< 0.005	0.05	0.05	—	521	521	0.03	0.08	0.41	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Building Construction (Phase 1) (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.06	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.06	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.30	2.58	12.7	0.02	0.07	—	0.07	0.07	—	0.07	—	2,050	2,050	0.08	0.02	—	2,057
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.47	2.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	339	339	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	0.84	0.60	10.5	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,658	2,658	0.04	0.02	7.40	2,673
Vendor	0.32	0.12	4.31	2.20	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,731	3,731	0.19	0.56	6.78	3,908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.81	0.72	9.02	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,463	2,463	0.05	0.11	0.19	2,497
Vendor	0.31	0.12	4.56	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,733	3,733	0.19	0.56	0.18	3,904
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.69	0.52	7.49	0.00	0.00	2.30	2.30	0.00	0.54	0.54	—	2,099	2,099	0.04	0.09	2.69	2,130
Vendor	0.27	0.10	3.76	1.87	0.02	0.05	0.89	0.94	0.02	0.25	0.27	—	3,146	3,146	0.16	0.47	2.47	3,292
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.09	1.37	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	348	348	0.01	0.02	0.45	353
Vendor	0.05	0.02	0.69	0.34	< 0.005	0.01	0.16	0.17	< 0.005	0.05	0.05	—	521	521	0.03	0.08	0.41	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Paving (Phase 1) (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.34	3.20	4.58	0.01	0.14	—	0.14	0.13	—	0.13	—	696	696	0.03	0.01	—	698
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.58	0.84	< 0.005	0.03	—	0.03	0.02	—	0.02	—	115	115	< 0.005	< 0.005	—	116
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.53	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.42	126
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.01	116
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.4	53.4	< 0.005	< 0.005	0.08	54.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	8.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Paving (Phase 1) (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.89	4.88	0.01	0.01	—	0.01	0.01	—	0.01	—	696	696	0.03	0.01	—	698
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	115	115	< 0.005	< 0.005	—	116
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.53	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.42	126
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.01	116

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.4	53.4	< 0.005	< 0.005	0.08	54.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	8.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Architectural Coating (Phase 1) (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134

Architect Coatings	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.37	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	61.5	61.5	< 0.005	< 0.005	—	61.7
Architectural Coatings	—	16.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.2	10.2	< 0.005	< 0.005	—	10.2
Architectural Coatings	—	3.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.12	2.23	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	541	541	0.01	< 0.005	1.66	544
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	1.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	501	501	0.01	0.02	0.04	508
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.87	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	233	233	< 0.005	0.01	0.33	237
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.05	39.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Architectural Coating (Phase 1) (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134

Architectural	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.30	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.5	61.5	< 0.005	< 0.005	—	61.7
Architectural Coatings	—	16.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.2	10.2	< 0.005	< 0.005	—	10.2
Architectural Coatings	—	3.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.12	2.23	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	541	541	0.01	< 0.005	1.66	544
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	1.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	501	501	0.01	0.02	0.04	508
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.87	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	233	233	< 0.005	0.01	0.33	237
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.05	39.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition (Phase 1)	Demolition	4/24/2024	7/16/2024	6.00	72.0	—
Site Preparation (Phase 1)	Site Preparation	3/27/2024	4/23/2024	6.00	24.0	—
Grading (Phase 1)	Grading	7/17/2024	8/13/2024	6.00	24.0	—
Building Construction (Phase 1)	Building Construction	4/24/2024	12/25/2029	6.00	1,776	—
Paving (Phase 1)	Paving	4/21/2027	11/2/2027	6.00	168	—
Architectural Coating (Phase 1)	Architectural Coating	1/26/2028	8/8/2028	6.00	168	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 1)	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition (Phase 1)	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition (Phase 1)	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation (Phase 1)	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (Phase 1)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (Phase 1)	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

Grading (Phase 1)	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading (Phase 1)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction (Phase 1)	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction (Phase 1)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 1)	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction (Phase 1)	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction (Phase 1)	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Paving (Phase 1)	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving (Phase 1)	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving (Phase 1)	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating (Phase 1)	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 1)	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition (Phase 1)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition (Phase 1)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation (Phase 1)	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (Phase 1)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41

Grading (Phase 1)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading (Phase 1)	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading (Phase 1)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction (Phase 1)	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction (Phase 1)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 1)	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction (Phase 1)	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Building Construction (Phase 1)	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Paving (Phase 1)	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving (Phase 1)	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving (Phase 1)	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating (Phase 1)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition (Phase 1)	—	—	—	—
Demolition (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 1)	Vendor	—	8.40	HHDT,MHDT

Demolition (Phase 1)	Hauling	4.42	20.0	HHDT
Demolition (Phase 1)	Onsite truck	—	—	HHDT
Site Preparation (Phase 1)	—	—	—	—
Site Preparation (Phase 1)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 1)	Hauling	221	20.0	HHDT
Site Preparation (Phase 1)	Onsite truck	—	—	HHDT
Grading (Phase 1)	—	—	—	—
Grading (Phase 1)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 1)	Hauling	260	20.0	HHDT
Grading (Phase 1)	Onsite truck	—	—	HHDT
Building Construction (Phase 1)	—	—	—	—
Building Construction (Phase 1)	Worker	333	11.7	LDA,LDT1,LDT2
Building Construction (Phase 1)	Vendor	151	8.40	HHDT,MHDT
Building Construction (Phase 1)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 1)	Onsite truck	—	—	HHDT
Paving (Phase 1)	—	—	—	—
Paving (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 1)	Hauling	0.00	20.0	HHDT
Paving (Phase 1)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 1)	—	—	—	—
Architectural Coating (Phase 1)	Worker	66.7	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 1)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 1)	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition (Phase 1)	—	—	—	—
Demolition (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Demolition (Phase 1)	Hauling	4.42	20.0	HHDT
Demolition (Phase 1)	Onsite truck	—	—	HHDT
Site Preparation (Phase 1)	—	—	—	—
Site Preparation (Phase 1)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 1)	Hauling	221	20.0	HHDT
Site Preparation (Phase 1)	Onsite truck	—	—	HHDT
Grading (Phase 1)	—	—	—	—
Grading (Phase 1)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 1)	Hauling	260	20.0	HHDT
Grading (Phase 1)	Onsite truck	—	—	HHDT
Building Construction (Phase 1)	—	—	—	—
Building Construction (Phase 1)	Worker	333	11.7	LDA,LDT1,LDT2
Building Construction (Phase 1)	Vendor	151	8.40	HHDT,MHDT
Building Construction (Phase 1)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 1)	Onsite truck	—	—	HHDT
Paving (Phase 1)	—	—	—	—
Paving (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 1)	Hauling	0.00	20.0	HHDT
Paving (Phase 1)	Onsite truck	—	—	HHDT

Architectural Coating (Phase 1)	—	—	—	—
Architectural Coating (Phase 1)	Worker	66.7	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 1)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 1)	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating (Phase 1)	0.00	0.00	869,811	287,377	29,570

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition (Phase 1)	0.00	0.00	0.00	27,646	—
Site Preparation (Phase 1)	—	—	36.0	21,170	—
Grading (Phase 1)	10,000	40,000	180	0.00	—
Paving (Phase 1)	0.00	0.00	0.00	0.00	11.3

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Hospital	0.00	0%
Parking Lot	4.97	100%
Enclosed Parking with Elevator	5.88	100%
General Heavy Industry	0.00	0%
Other Asphalt Surfaces	0.47	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	204	0.03	< 0.005
2026	0.00	204	0.03	< 0.005
2027	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005
2028	0.00	204	0.03	< 0.005
2029	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth

Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0

Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100

Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4

Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8

Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Includes both KSF and Parking space data for garage. Hospital Building "C" is being constructed with partial demolition of Building "A" and total demolition of the Day Care.

Construction: Construction Phases	Data provided by excel sheet, updating Construction Phases to reflect excel doc.
Construction: Dust From Material Movement	Based on provided construction assumptions and site plan.
Construction: Demolition	Based on provided construction assumptions and site plan.
Construction: Off-Road Equipment	Plate compactor is meant to represent the use of pile driving equipment necessary for the CUP.

Good Sam Phase 2 - Construction Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 2 - Construction
Construction Start Date	1/21/2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Parking Lot	421	Space	3.79	0.00	0.00	—	—	Parking Lot

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.97	3.07	47.0	44.1	0.22	1.07	14.3	15.3	1.01	5.36	6.37	—	28,107	28,107	1.75	3.72	33.8	29,294
Mit.	2.78	1.05	31.6	46.6	0.22	0.45	9.82	10.3	0.45	3.25	3.71	—	28,107	28,107	1.75	3.72	33.8	29,294
% Reduced	44%	66%	33%	-6%	—	57%	31%	33%	55%	39%	42%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.51	3.16	38.3	34.7	0.12	1.22	35.9	37.1	1.13	12.9	14.0	—	15,244	15,244	0.91	1.62	0.45	15,750
Mit.	1.47	1.31	15.0	34.8	0.12	0.23	23.9	24.1	0.23	6.75	6.98	—	15,244	15,244	0.91	1.62	0.45	15,750
% Reduced	67%	59%	61%	> -0.5%	—	81%	33%	35%	79%	48%	50%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	3.20	2.63	23.9	27.8	0.05	0.86	2.76	3.61	0.79	0.83	1.62	—	6,030	6,030	0.27	0.31	1.16	6,096
Mit.	0.72	0.63	7.24	29.0	0.05	0.13	2.14	2.27	0.13	0.51	0.64	—	6,030	6,030	0.27	0.31	1.16	6,096
% Reduced	78%	76%	70%	-4%	—	85%	22%	37%	84%	38%	61%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.58	0.48	4.36	5.07	0.01	0.16	0.50	0.66	0.14	0.15	0.30	—	998	998	0.05	0.05	0.19	1,009
Mit.	0.13	0.11	1.32	5.28	0.01	0.02	0.39	0.41	0.02	0.09	0.12	—	998	998	0.05	0.05	0.19	1,009
% Reduced	78%	76%	70%	-4%	—	85%	22%	37%	84%	38%	61%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	3.70	3.07	27.2	32.4	0.06	0.99	1.12	2.11	0.91	0.20	1.11	—	6,535	6,535	0.28	0.14	1.25	6,585
2031	4.97	3.00	47.0	44.1	0.22	1.07	14.3	15.3	1.01	5.36	6.37	—	28,107	28,107	1.75	3.72	33.8	29,294
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	4.51	3.16	38.3	34.6	0.12	1.22	35.9	37.1	1.13	12.9	14.0	—	15,244	15,244	0.91	1.62	0.45	15,750
2030	4.37	3.11	37.1	34.7	0.12	1.20	35.9	37.1	1.11	12.9	14.0	—	14,957	14,957	0.91	1.55	0.41	15,443
2031	3.61	3.00	26.4	31.9	0.06	0.95	1.12	2.08	0.88	0.20	1.08	—	6,507	6,507	0.28	0.14	0.03	6,556
2032	1.18	1.95	8.64	13.9	0.03	0.23	0.00	0.23	0.21	0.00	0.21	—	2,530	2,530	0.10	0.02	0.00	2,539
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.06	0.04	0.54	0.49	< 0.005	0.02	0.50	0.52	0.02	0.18	0.20	—	215	215	0.01	0.02	0.11	222
2030	3.20	2.63	23.9	27.8	0.05	0.86	2.76	3.61	0.79	0.83	1.62	—	6,030	6,030	0.27	0.19	0.78	6,096

2031	2.25	1.90	17.3	21.6	0.05	0.55	1.38	1.94	0.51	0.43	0.94	—	5,507	5,507	0.27	0.31	1.16	5,607
2032	0.06	0.09	0.41	0.65	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	—	119	119	< 0.005	< 0.005	0.00	119
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01	0.01	0.10	0.09	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.04	—	35.6	35.6	< 0.005	< 0.005	0.02	36.8
2030	0.58	0.48	4.36	5.07	0.01	0.16	0.50	0.66	0.14	0.15	0.30	—	998	998	0.05	0.03	0.13	1,009
2031	0.41	0.35	3.15	3.93	0.01	0.10	0.25	0.35	0.09	0.08	0.17	—	912	912	0.04	0.05	0.19	928
2032	0.01	0.02	0.07	0.12	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	19.7	19.7	< 0.005	< 0.005	0.00	19.7

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.80	0.74	8.04	33.8	0.06	0.15	1.12	1.27	0.14	0.20	0.34	—	6,535	6,535	0.28	0.14	1.25	6,585
2031	2.78	1.05	31.6	46.6	0.22	0.45	9.82	10.3	0.45	3.25	3.71	—	28,107	28,107	1.75	3.72	33.8	29,294
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	1.47	0.69	15.0	34.8	0.12	0.23	23.9	24.1	0.23	6.75	6.98	—	15,244	15,244	0.91	1.62	0.45	15,750
2030	1.39	0.73	14.5	34.6	0.12	0.23	23.9	24.1	0.23	6.75	6.98	—	14,957	14,957	0.91	1.55	0.41	15,443
2031	0.80	1.31	8.06	33.7	0.06	0.14	1.12	1.27	0.14	0.20	0.34	—	6,507	6,507	0.28	0.14	0.03	6,556
2032	0.37	1.31	3.45	15.8	0.03	0.08	0.00	0.08	0.07	0.00	0.07	—	2,530	2,530	0.10	0.02	0.00	2,539
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.02	0.01	0.21	0.49	< 0.005	< 0.005	0.34	0.34	< 0.005	0.10	0.10	—	215	215	0.01	0.02	0.11	222
2030	0.72	0.63	7.24	29.0	0.05	0.13	2.14	2.27	0.13	0.51	0.64	—	6,030	6,030	0.27	0.19	0.78	6,096
2031	0.67	0.62	6.68	23.3	0.05	0.12	1.09	1.21	0.12	0.29	0.41	—	5,507	5,507	0.27	0.31	1.16	5,607
2032	0.02	0.06	0.16	0.74	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	119	119	< 0.005	< 0.005	0.00	119

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	35.6	35.6	< 0.005	< 0.005	0.02	36.8
2030	0.13	0.11	1.32	5.28	0.01	0.02	0.39	0.41	0.02	0.09	0.12	—	998	998	0.05	0.03	0.13	1,009
2031	0.12	0.11	1.22	4.25	0.01	0.02	0.20	0.22	0.02	0.05	0.08	—	912	912	0.04	0.05	0.19	928
2032	< 0.005	0.01	0.03	0.14	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	19.7	19.7	< 0.005	< 0.005	0.00	19.7

3. Construction Emissions Details

3.1. Demolition (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.09	18.1	18.7	0.03	0.72	—	0.72	0.66	—	0.66	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.09	18.1	18.7	0.03	0.72	—	0.72	0.66	—	0.66	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.00	1.68	14.6	15.0	0.03	0.58	—	0.58	0.53	—	0.53	—	2,760	2,760	0.11	0.02	—	2,769
Demolition	—	—	—	—	—	—	0.67	0.67	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.66	2.75	< 0.005	0.11	—	0.11	0.10	—	0.10	—	457	457	0.02	< 0.005	—	458
Demolition	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.02	0.45	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	118	118	< 0.005	< 0.005	0.30	118
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.70	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.95	624
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.38	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	109	109	< 0.005	< 0.005	0.01	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.74	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.02	623
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	88.8	88.8	< 0.005	< 0.005	0.10	89.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.04	0.01	0.59	0.29	< 0.005	0.01	0.14	0.15	0.01	0.04	0.04	—	479	479	0.03	0.08	0.33	502
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.02	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	79.2	79.2	0.01	0.01	0.05	83.2

3.2. Demolition (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	3.63	14.6	0.03	0.05	—	0.05	0.05	—	0.05	—	2,760	2,760	0.11	0.02	—	2,769

Demolitio	—	—	—	—	—	—	0.67	0.67	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.66	2.67	< 0.005	0.01	—	0.01	0.01	—	0.01	—	457	457	0.02	< 0.005	—	458
Demolitio n	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.02	0.45	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	118	118	< 0.005	< 0.005	0.30	118
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.70	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.95	624
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.38	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	109	109	< 0.005	< 0.005	0.01	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.74	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.02	623
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	88.8	88.8	< 0.005	< 0.005	0.10	89.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.59	0.29	< 0.005	0.01	0.14	0.15	0.01	0.04	0.04	—	479	479	0.03	0.08	0.33	502
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.02	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	79.2	79.2	0.01	0.01	0.05	83.2

3.3. Demolition (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.43	2.04	17.5	18.3	0.03	0.70	—	0.70	0.64	—	0.64	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.43	2.04	17.5	18.3	0.03	0.70	—	0.70	0.64	—	0.64	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	0.77	6.63	6.92	0.01	0.26	—	0.26	0.24	—	0.24	—	1,295	1,295	0.05	0.01	—	1,300
Demolition	—	—	—	—	—	—	0.31	0.31	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.21	1.26	< 0.005	0.05	—	0.05	0.04	—	0.04	—	214	214	0.01	< 0.005	—	215
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.68	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	576	576	0.04	0.09	0.85	606
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.37	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	108	108	< 0.005	< 0.005	0.01	108
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.72	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	577	577	0.04	0.09	0.02	606
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.1	41.1	< 0.005	< 0.005	0.04	41.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	218	218	0.01	0.04	0.14	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	0.01	6.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.1	36.1	< 0.005	0.01	0.02	37.9

3.4. Demolition (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	1.70	6.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,295	1,295	0.05	0.01	—	1,300
Demolition	—	—	—	—	—	—	0.31	0.31	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.31	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	214	214	0.01	< 0.005	—	215
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.68	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	576	576	0.04	0.09	0.85	606
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.37	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	108	108	< 0.005	< 0.005	0.01	108
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.72	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	577	577	0.04	0.09	0.02	606
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.1	41.1	< 0.005	< 0.005	0.04	41.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	218	218	0.01	0.04	0.14	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	0.01	6.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.1	36.1	< 0.005	0.01	0.02	37.9

3.5. Site Preparation (Phase 2) (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.53	2.97	25.9	28.1	0.05	1.09	—	1.09	1.00	—	1.00	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.40	< 0.005	0.02	—	0.02	0.01	—	0.01	—	74.6	74.6	< 0.005	< 0.005	—	74.9
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.19	0.19	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.4

Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.47	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	129	129	< 0.005	0.01	0.01	131
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.92	0.15	12.3	6.01	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,818	9,818	0.70	1.57	0.44	10,304
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.10	145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.02	24.0

3.6. Site Preparation (Phase 2) (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.9
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.19	0.19	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.4

Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.47	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	129	129	< 0.005	0.01	0.01	131
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.92	0.15	12.3	6.01	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,818	9,818	0.70	1.57	0.44	10,304
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.10	145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.02	24.0

3.7. Site Preparation (Phase 2) (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.47	2.92	25.2	28.4	0.05	1.07	—	1.07	0.98	—	0.98	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.30	1.47	< 0.005	0.06	—	0.06	0.05	—	0.05	—	274	274	0.01	< 0.005	—	275
Dust From Material Movement	—	—	—	—	—	—	1.02	1.02	—	0.52	0.52	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.68	0.68	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	45.3	45.3	< 0.005	< 0.005	—	45.5

Dust From Material Movement	—	—	—	—	—	—	0.19	0.19	—	0.10	0.10	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.45	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	127	127	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.85	0.15	11.9	5.81	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,534	9,534	0.69	1.51	0.40	10,001
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.30	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	492	492	0.04	0.08	0.34	517
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	81.5	81.5	0.01	0.01	0.06	85.6

3.8. Site Preparation (Phase 2) (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.13	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	274	274	0.01	< 0.005	—	275
Dust From Material Movement	—	—	—	—	—	—	0.40	0.40	—	0.20	0.20	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.68	0.68	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.3	45.3	< 0.005	< 0.005	—	45.5

Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.45	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	127	127	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.85	0.15	11.9	5.81	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,534	9,534	0.69	1.51	0.40	10,001
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.30	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	492	492	0.04	0.08	0.34	517
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	81.5	81.5	0.01	0.01	0.06	85.6

3.9. Grading (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.72	1.45	12.2	17.1	0.03	0.50	—	0.50	0.46	—	0.46	—	2,959	2,959	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	7.28	7.28	—	3.45	3.45	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.80	1.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	195	195	0.01	< 0.005	—	195
Dust From Material Movement	—	—	—	—	—	—	0.48	0.48	—	0.23	0.23	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.21	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.2	32.2	< 0.005	< 0.005	—	32.3
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.11	0.40	26.7	13.6	0.17	0.33	6.86	7.18	0.33	1.88	2.20	—	22,635	22,635	1.53	3.68	33.6	23,803
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	0.01	7.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.14	0.03	1.82	0.90	0.01	0.02	0.45	0.47	0.02	0.12	0.14	—	1,489	1,489	0.10	0.24	0.95	1,564
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.18	1.18	< 0.005	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.33	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	246	246	0.02	0.04	0.16	259

3.10. Grading (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,959	2,959	0.12	0.02	—	2,969

Dust From Material Movement	—	—	—	—	—	—	2.84	2.84	—	1.35	1.35	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	195	195	0.01	< 0.005	—	195
Dust From Material Movement	—	—	—	—	—	—	0.19	0.19	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.2	32.2	< 0.005	< 0.005	—	32.3
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.11	0.40	26.7	13.6	0.17	0.33	6.86	7.18	0.33	1.88	2.20	—	22,635	22,635	1.53	3.68	33.6	23,803

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	0.01	7.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.14	0.03	1.82	0.90	0.01	0.02	0.45	0.47	0.02	0.12	0.14	—	1,489	1,489	0.10	0.24	0.95	1,564
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.18	1.18	< 0.005	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.33	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	246	246	0.02	0.04	0.16	259

3.11. Building Construction (Phase 2) (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	0.94	8.39	12.9	0.02	0.26	—	0.26	0.24	—	0.24	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	0.94	8.39	12.9	0.02	0.26	—	0.26	0.24	—	0.24	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	6.76	10.4	0.02	0.21	—	0.21	0.19	—	0.19	—	1,931	1,931	0.08	0.02	—	1,937
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.23	1.89	< 0.005	0.04	—	0.04	0.04	—	0.04	—	320	320	0.01	< 0.005	—	321
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (Phase 2) (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.26	2.26	11.9	0.02	0.06	—	0.06	0.06	—	0.06	—	1,931	1,931	0.08	0.02	—	1,937
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.41	2.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	320	320	0.01	< 0.005	—	321
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.10	0.92	8.12	12.8	0.02	0.24	—	0.24	0.22	—	0.22	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.10	0.92	8.12	12.8	0.02	0.24	—	0.24	0.22	—	0.22	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.79	6.96	11.0	0.02	0.21	—	0.21	0.19	—	0.19	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.27	2.01	< 0.005	0.04	—	0.04	0.04	—	0.04	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.28	2.41	12.7	0.02	0.06	—	0.06	0.06	—	0.06	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.44	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Building Construction (Phase 2) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Building Construction (Phase 2) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Paving (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.58	5.49	8.78	0.01	0.18	—	0.18	0.16	—	0.16	—	1,350	1,350	0.05	0.01	—	1,354
Paving	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.72	1.16	< 0.005	0.02	—	0.02	0.02	—	0.02	—	178	178	0.01	< 0.005	—	178
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.4	29.4	< 0.005	< 0.005	—	29.5
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.49	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	143	143	< 0.005	< 0.005	0.01	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	19.1	19.1	< 0.005	< 0.005	0.02	19.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Paving (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.21	2.14	9.35	0.01	0.05	—	0.05	0.05	—	0.05	—	1,350	1,350	0.05	0.01	—	1,354
Paving	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	1.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	178
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.22	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.4	29.4	< 0.005	< 0.005	—	29.5
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.49	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	143	143	< 0.005	< 0.005	0.01	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	19.1	19.1	< 0.005	< 0.005	0.02	19.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.17

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Architectural Coating (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.78	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Architectural Coatings	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.87	1.87	< 0.005	< 0.005	—	1.88

Architect Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Architectural Coating (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Architectural Coatings	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.87	1.87	< 0.005	< 0.005	—	1.88
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Architectural Coating (Phase 2) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.77	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.27	6.27	< 0.005	< 0.005	—	6.29
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Architectural Coating (Phase 2) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.27	6.27	< 0.005	< 0.005	—	6.29
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/23/2030	6/10/2031	6.00	432	—
Site Preparation (Phase 2)	Site Preparation	12/26/2029	1/22/2030	6.00	24.0	—
Grading (Phase 2)	Grading	6/11/2031	7/8/2031	6.00	24.0	—
Building Construction (Phase 2)	Building Construction	1/23/2030	1/20/2032	6.00	624	—
Paving (Phase 2)	Paving	10/01/2031	11/25/2031	6.00	48.0	—
Architectural Coating (Phase 2)	Architectural Coating	11/26/2031	1/20/2032	6.00	48.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Site Preparation (Phase 2)	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (Phase 2)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (Phase 2)	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Grading (Phase 2)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction (Phase 2)	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction (Phase 2)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 2)	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction (Phase 2)	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving (Phase 2)	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving (Phase 2)	Paving Equipment	Diesel	Average	2.00	6.00	89.0	0.36
Paving (Phase 2)	Rollers	Diesel	Average	2.00	6.00	36.0	0.38

Paving (Phase 2)	Tractors/Loaders/Backh	Diesel	Average	1.00	8.00	84.0	0.37
Paving (Phase 2)	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Architectural Coating (Phase 2)	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Site Preparation (Phase 2)	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (Phase 2)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading (Phase 2)	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Grading (Phase 2)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction (Phase 2)	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction (Phase 2)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 2)	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction (Phase 2)	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37

Paving (Phase 2)	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving (Phase 2)	Paving Equipment	Diesel	Tier 4 Final	2.00	6.00	89.0	0.36
Paving (Phase 2)	Rollers	Diesel	Tier 4 Final	2.00	6.00	36.0	0.38
Paving (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving (Phase 2)	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Architectural Coating (Phase 2)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 2)	—	—	—	—
Site Preparation (Phase 2)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 2)	Hauling	151	20.0	HHDT
Site Preparation (Phase 2)	Onsite truck	—	—	HHDT
Grading (Phase 2)	—	—	—	—
Grading (Phase 2)	Worker	15.0	11.7	LDA,LDT1,LDT2
Grading (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 2)	Hauling	370	20.0	HHDT
Grading (Phase 2)	Onsite truck	—	—	HHDT
Building Construction (Phase 2)	—	—	—	—
Building Construction (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Building Construction (Phase 2)	Vendor	0.00	8.40	HHDT,MHDT
Building Construction (Phase 2)	Hauling	0.00	20.0	HHDT

Building Construction (Phase 2)	Onsite truck	—	—	HHDT
Paving (Phase 2)	—	—	—	—
Paving (Phase 2)	Worker	20.0	11.7	LDA,LDT1,LDT2
Paving (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 2)	Hauling	0.00	20.0	HHDT
Paving (Phase 2)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 2)	—	—	—	—
Architectural Coating (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 2)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 2)	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	9.41	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 2)	—	—	—	—
Site Preparation (Phase 2)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 2)	Hauling	151	20.0	HHDT
Site Preparation (Phase 2)	Onsite truck	—	—	HHDT
Grading (Phase 2)	—	—	—	—
Grading (Phase 2)	Worker	15.0	11.7	LDA,LDT1,LDT2
Grading (Phase 2)	Vendor	—	8.40	HHDT,MHDT

Grading (Phase 2)	Hauling	370	20.0	HHDT
Grading (Phase 2)	Onsite truck	—	—	HHDT
Building Construction (Phase 2)	—	—	—	—
Building Construction (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Building Construction (Phase 2)	Vendor	0.00	8.40	HHDT,MHDT
Building Construction (Phase 2)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 2)	Onsite truck	—	—	HHDT
Paving (Phase 2)	—	—	—	—
Paving (Phase 2)	Worker	20.0	11.7	LDA,LDT1,LDT2
Paving (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 2)	Hauling	0.00	20.0	HHDT
Paving (Phase 2)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 2)	—	—	—	—
Architectural Coating (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 2)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 2)	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	9.41	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating (Phase 2)	0.00	0.00	0.00	0.00	9,903

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	353,600	—
Site Preparation (Phase 2)	—	—	36.0	14,500	—
Grading (Phase 2)	70,000	1,000	360	0.00	—
Paving (Phase 2)	0.00	0.00	0.00	0.00	3.79

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Parking Lot	3.79	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	204	0.03	< 0.005
2030	0.00	204	0.03	< 0.005

2031	0.00	204	0.03	< 0.005
2032	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A

Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158

Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—

Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Have excel spreadsheet with specific land use data for project. This reflects information provided within spreadsheet.
Construction: Construction Phases	Reflects construction schedule given in excel spreadsheet.
Construction: Dust From Material Movement	Based on provided grading material movement
Construction: Demolition	Site preparation is based on provided pavement material demolition.

Good Sam Phase 3 Construction Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 3 Construction
Construction Start Date	1/21/2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	202	1000sqft	4.64	201,936	51,200	—	—	Building D

Medical Office Building	200	1000sqft	4.59	200,000	0.00	—	—	Building E
Enclosed Parking with Elevator	1,154	Space	10.4	425,208	0.00	—	—	Garage West
Other Asphalt Surfaces	4.56	1000sqft	0.10	0.00	0.00	—	—	Offsite Improvements

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.81	32.6	29.0	33.1	0.12	0.91	12.0	12.9	0.85	4.39	5.24	—	14,796	14,796	0.77	1.34	11.2	15,226
Mit.	1.51	32.0	14.0	40.6	0.12	0.24	6.29	6.54	0.24	2.16	2.40	—	14,796	14,796	0.77	1.34	11.2	15,226
% Reduced	60%	2%	52%	-23%	—	73%	47%	49%	71%	51%	54%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	3.94	32.5	32.1	31.9	0.11	1.04	33.8	34.8	0.97	12.6	13.5	—	13,250	13,250	0.70	1.30	0.28	13,655
Mit.	1.48	31.9	12.4	34.6	0.11	0.22	21.8	22.0	0.22	6.39	6.61	—	13,250	13,250	0.70	1.30	0.28	13,655
% Reduced	62%	2%	61%	-9%	—	79%	35%	37%	78%	49%	51%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.23	13.4	15.3	21.9	0.05	0.45	4.76	5.21	0.42	1.54	1.96	—	6,860	6,860	0.29	0.42	2.75	6,995
Mit.	1.05	13.0	6.68	24.2	0.05	0.10	3.60	3.70	0.10	0.99	1.09	—	6,860	6,860	0.29	0.42	2.75	6,995
% Reduced	53%	3%	56%	-11%	—	77%	24%	29%	76%	36%	44%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.41	2.45	2.80	4.00	0.01	0.08	0.87	0.95	0.08	0.28	0.36	—	1,136	1,136	0.05	0.07	0.46	1,158
Mit.	0.19	2.37	1.22	4.42	0.01	0.02	0.66	0.67	0.02	0.18	0.20	—	1,136	1,136	0.05	0.07	0.46	1,158
% Reduced	53%	3%	56%	-11%	—	77%	24%	29%	76%	36%	44%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	3.81	2.75	29.0	33.1	0.12	0.91	12.0	12.9	0.85	4.39	5.24	—	14,796	14,796	0.77	1.34	11.2	15,226
2033	1.95	1.62	11.3	22.5	0.05	0.23	3.49	3.72	0.21	0.86	1.07	—	7,621	7,621	0.27	0.46	7.45	7,773
2034	2.15	32.6	11.8	24.6	0.05	0.22	4.00	4.23	0.21	0.98	1.19	—	8,085	8,085	0.28	0.47	7.09	8,238
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	3.94	2.87	32.1	31.9	0.11	1.04	33.8	34.8	0.97	12.6	13.5	—	13,250	13,250	0.70	1.30	0.28	13,655

2033	1.93	1.60	11.6	21.3	0.05	0.23	3.49	3.72	0.21	0.86	1.07	—	7,455	7,455	0.28	0.46	0.19	7,600
2034	2.13	32.5	12.2	23.3	0.05	0.22	4.00	4.23	0.21	0.98	1.19	—	7,886	7,886	0.29	0.47	0.18	8,033
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	2.23	1.88	15.3	21.9	0.05	0.45	4.76	5.21	0.42	1.54	1.96	—	6,860	6,860	0.29	0.42	2.49	6,995
2033	1.65	1.36	9.84	18.1	0.04	0.20	2.97	3.17	0.18	0.73	0.91	—	6,408	6,408	0.23	0.40	2.75	6,535
2034	1.53	13.4	8.83	16.9	0.04	0.17	2.84	3.01	0.16	0.70	0.85	—	5,832	5,832	0.21	0.35	2.22	5,945
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	0.41	0.34	2.80	4.00	0.01	0.08	0.87	0.95	0.08	0.28	0.36	—	1,136	1,136	0.05	0.07	0.41	1,158
2033	0.30	0.25	1.80	3.31	0.01	0.04	0.54	0.58	0.03	0.13	0.17	—	1,061	1,061	0.04	0.07	0.46	1,082
2034	0.28	2.45	1.61	3.08	0.01	0.03	0.52	0.55	0.03	0.13	0.16	—	965	965	0.04	0.06	0.37	984

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	1.51	1.49	14.0	40.6	0.12	0.24	6.29	6.54	0.24	2.16	2.40	—	14,796	14,796	0.77	1.34	11.2	15,226
2033	1.25	1.07	6.42	24.5	0.05	0.10	3.49	3.59	0.10	0.86	0.95	—	7,621	7,621	0.27	0.46	7.45	7,773
2034	1.38	32.0	7.02	26.6	0.05	0.10	4.00	4.10	0.10	0.98	1.08	—	8,085	8,085	0.28	0.47	7.09	8,238
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	1.48	1.46	12.4	34.6	0.11	0.22	21.8	22.0	0.22	6.39	6.61	—	13,250	13,250	0.70	1.30	0.28	13,655
2033	1.23	1.05	6.72	23.4	0.05	0.10	3.49	3.59	0.10	0.86	0.95	—	7,455	7,455	0.28	0.46	0.19	7,600
2034	1.36	31.9	7.34	25.2	0.05	0.10	4.00	4.10	0.10	0.98	1.08	—	7,886	7,886	0.29	0.47	0.18	8,033
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2032	0.94	0.85	6.68	24.2	0.05	0.10	3.60	3.70	0.10	0.99	1.09	—	6,860	6,860	0.29	0.42	2.49	6,995
2033	1.05	0.89	5.68	19.9	0.04	0.08	2.97	3.06	0.08	0.73	0.81	—	6,408	6,408	0.23	0.40	2.75	6,535
2034	0.97	13.0	5.19	18.4	0.04	0.08	2.84	2.92	0.07	0.70	0.77	—	5,832	5,832	0.21	0.35	2.22	5,945
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	0.17	0.15	1.22	4.42	0.01	0.02	0.66	0.67	0.02	0.18	0.20	—	1,136	1,136	0.05	0.07	0.41	1,158
2033	0.19	0.16	1.04	3.63	0.01	0.02	0.54	0.56	0.01	0.13	0.15	—	1,061	1,061	0.04	0.07	0.46	1,082
2034	0.18	2.37	0.95	3.35	0.01	0.01	0.52	0.53	0.01	0.13	0.14	—	965	965	0.04	0.06	0.37	984

3. Construction Emissions Details

3.1. Demolition (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	1.92	16.2	16.9	0.03	0.62	—	0.62	0.57	—	0.57	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	1.92	16.2	16.9	0.03	0.62	—	0.62	0.57	—	0.57	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.45	0.38	3.20	3.32	0.01	0.12	—	0.12	0.11	—	0.11	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.58	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	112	112	< 0.005	< 0.005	—	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.2	21.2	< 0.005	< 0.005	0.02	21.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.89	3.58	0.01	0.01	—	0.01	0.01	—	0.01	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	112	112	< 0.005	< 0.005	—	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.2	21.2	< 0.005	< 0.005	0.02	21.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Site Preparation (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.22	2.70	22.3	25.7	0.05	0.93	—	0.93	0.85	—	0.85	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	11.6	11.6	—	1.75	1.75	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.18	1.47	1.69	< 0.005	0.06	—	0.06	0.06	—	0.06	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	1.29	1.29	—	0.66	0.66	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.76	0.76	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.27	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	57.7	57.7	< 0.005	< 0.005	—	57.9
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.12	0.12	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.40	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.01	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.68	0.13	9.77	4.67	0.06	0.12	2.44	2.56	0.12	0.67	0.78	—	7,831	7,831	0.48	1.25	0.27	8,217
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.23	8.23	< 0.005	< 0.005	0.01	8.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.63	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	515	515	0.03	0.08	0.30	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.36	1.36	< 0.005	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.2	85.2	0.01	0.01	0.05	89.5

3.4. Site Preparation (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	11.6	11.6	—	1.75	1.75	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	1.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.76	0.76	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.7	57.7	< 0.005	< 0.005	—	57.9
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.40	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.01	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.68	0.13	9.77	4.67	0.06	0.12	2.44	2.56	0.12	0.67	0.78	—	7,831	7,831	0.48	1.25	0.27	8,217
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.23	8.23	< 0.005	< 0.005	0.01	8.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.63	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	515	515	0.03	0.08	0.30	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.36	1.36	< 0.005	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.2	85.2	0.01	0.01	0.05	89.5

3.5. Grading (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.05	2.56	19.4	25.8	0.06	0.79	—	0.79	0.73	—	0.73	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	—	9.28	9.28	—	3.66	3.66	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.17	1.28	1.69	< 0.005	0.05	—	0.05	0.05	—	0.05	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.61	0.61	—	0.24	0.24	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.23	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.02	0.54	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	153	153	< 0.005	< 0.005	0.30	153

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.71	0.15	9.52	4.76	0.06	0.12	2.51	2.63	0.12	0.69	0.81	—	8,047	8,047	0.50	1.29	10.9	8,454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.41	9.41	< 0.005	< 0.005	0.01	9.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.65	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	529	529	0.03	0.08	0.31	556
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	87.6	87.6	0.01	0.01	0.05	92.0

3.6. Grading (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	—	3.62	3.62	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.02	0.54	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	153	153	< 0.005	< 0.005	0.30	153
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.71	0.15	9.52	4.76	0.06	0.12	2.51	2.63	0.12	0.69	0.81	—	8,047	8,047	0.50	1.29	10.9	8,454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.41	9.41	< 0.005	< 0.005	0.01	9.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.65	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	529	529	0.03	0.08	0.31	556
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	87.6	87.6	0.01	0.01	0.05	92.0

3.7. Building Construction (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	3.81	6.19	0.01	0.11	—	0.11	0.10	—	0.10	—	1,159	1,159	0.05	0.01	—	1,163

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.69	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	192	192	0.01	< 0.005	—	193
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71	0.70	0.37	8.28	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,346	2,346	0.03	0.02	4.68	2,357
Vendor	0.26	0.08	3.37	1.78	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,014	3,014	0.15	0.45	3.95	3,155
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.69	0.67	0.48	7.06	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,174	2,174	0.04	0.02	0.12	2,181
Vendor	0.25	0.08	3.56	1.80	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,017	3,017	0.15	0.45	0.10	3,154
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.32	0.23	3.38	0.00	0.00	1.22	1.22	0.00	0.29	0.29	—	1,063	1,063	0.02	0.01	0.98	1,067
Vendor	0.12	0.04	1.69	0.86	0.01	0.01	0.46	0.47	0.01	0.13	0.14	—	1,459	1,459	0.07	0.22	0.82	1,526
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	176	176	< 0.005	< 0.005	0.16	177
Vendor	0.02	0.01	0.31	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	242	242	0.01	0.04	0.14	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.16	1.36	7.17	0.01	0.04	—	0.04	0.03	—	0.03	—	1,159	1,159	0.05	0.01	—	1,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.25	1.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	192	192	0.01	< 0.005	—	193
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71	0.70	0.37	8.28	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,346	2,346	0.03	0.02	4.68	2,357
Vendor	0.26	0.08	3.37	1.78	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,014	3,014	0.15	0.45	3.95	3,155
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.69	0.67	0.48	7.06	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,174	2,174	0.04	0.02	0.12	2,181
Vendor	0.25	0.08	3.56	1.80	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,017	3,017	0.15	0.45	0.10	3,154
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.32	0.23	3.38	0.00	0.00	1.22	1.22	0.00	0.29	0.29	—	1,063	1,063	0.02	0.01	0.98	1,067
Vendor	0.12	0.04	1.69	0.86	0.01	0.01	0.46	0.47	0.01	0.13	0.14	—	1,459	1,459	0.07	0.22	0.82	1,526
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	176	176	< 0.005	< 0.005	0.16	177
Vendor	0.02	0.01	0.31	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	242	242	0.01	0.04	0.14	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (Phase 3) (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.05	0.88	7.67	12.8	0.02	0.20	—	0.20	0.19	—	0.19	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.05	0.88	7.67	12.8	0.02	0.20	—	0.20	0.19	—	0.19	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	0.75	6.57	11.0	0.02	0.17	—	0.17	0.16	—	0.16	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.14	1.20	2.00	< 0.005	0.03	—	0.03	0.03	—	0.03	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.66	0.37	7.98	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,316	2,316	0.03	0.02	4.08	2,327
Vendor	0.23	0.08	3.25	1.70	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,909	2,909	0.14	0.42	3.37	3,042
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.66	0.64	0.47	6.80	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,146	2,146	0.04	0.02	0.11	2,153

Vendor	0.22	0.08	3.44	1.75	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,912	2,912	0.14	0.42	0.09	3,041
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.54	0.40	5.72	0.00	0.00	2.16	2.16	0.00	0.51	0.51	—	1,860	1,860	0.03	0.02	1.51	1,867
Vendor	0.19	0.07	2.87	1.48	0.02	0.02	0.81	0.83	0.02	0.22	0.25	—	2,494	2,494	0.12	0.36	1.25	2,607
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.07	1.04	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	308	308	< 0.005	< 0.005	0.25	309
Vendor	0.04	0.01	0.52	0.27	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	413	413	0.02	0.06	0.21	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (Phase 3) (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.28	2.41	12.7	0.02	0.06	—	0.06	0.06	—	0.06	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.44	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.66	0.37	7.98	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,316	2,316	0.03	0.02	4.08	2,327
Vendor	0.23	0.08	3.25	1.70	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,909	2,909	0.14	0.42	3.37	3,042
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.66	0.64	0.47	6.80	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,146	2,146	0.04	0.02	0.11	2,153
Vendor	0.22	0.08	3.44	1.75	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,912	2,912	0.14	0.42	0.09	3,041
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.54	0.40	5.72	0.00	0.00	2.16	2.16	0.00	0.51	0.51	—	1,860	1,860	0.03	0.02	1.51	1,867
Vendor	0.19	0.07	2.87	1.48	0.02	0.02	0.81	0.83	0.02	0.22	0.25	—	2,494	2,494	0.12	0.36	1.25	2,607
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.07	1.04	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	308	308	< 0.005	< 0.005	0.25	309

Vendor	0.04	0.01	0.52	0.27	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	413	413	0.02	0.06	0.21	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (Phase 3) (2034) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.52	12.8	0.02	0.19	—	0.19	0.18	—	0.18	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.52	12.8	0.02	0.19	—	0.19	0.18	—	0.18	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	0.66	5.74	9.74	0.02	0.15	—	0.15	0.14	—	0.14	—	1,829	1,829	0.07	0.01	—	1,836
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.05	1.78	< 0.005	0.03	—	0.03	0.02	—	0.02	—	303	303	0.01	< 0.005	—	304
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65	0.64	0.37	7.60	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,289	2,289	0.03	0.02	3.52	2,299
Vendor	0.23	0.08	3.13	1.65	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,808	2,808	0.14	0.42	2.86	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.64	0.63	0.47	6.47	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,121	2,121	0.04	0.02	0.09	2,128
Vendor	0.22	0.08	3.32	1.69	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,811	2,811	0.14	0.42	0.07	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.29	4.90	0.00	0.00	1.92	1.92	0.00	0.45	0.45	—	1,637	1,637	0.03	0.02	1.16	1,643
Vendor	0.17	0.06	2.47	1.28	0.02	0.02	0.72	0.74	0.02	0.20	0.22	—	2,144	2,144	0.11	0.32	0.94	2,244
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	0.89	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	271	271	< 0.005	< 0.005	0.19	272
Vendor	0.03	0.01	0.45	0.23	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	355	355	0.02	0.05	0.16	371
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (Phase 3) (2034) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.14	11.3	0.02	0.06	—	0.06	0.05	—	0.05	—	1,829	1,829	0.07	0.01	—	1,836
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.39	2.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	303	303	0.01	< 0.005	—	304
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65	0.64	0.37	7.60	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,289	2,289	0.03	0.02	3.52	2,299
Vendor	0.23	0.08	3.13	1.65	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,808	2,808	0.14	0.42	2.86	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.64	0.63	0.47	6.47	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,121	2,121	0.04	0.02	0.09	2,128

Vendor	0.22	0.08	3.32	1.69	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,811	2,811	0.14	0.42	0.07	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.29	4.90	0.00	0.00	1.92	1.92	0.00	0.45	0.45	—	1,637	1,637	0.03	0.02	1.16	1,643
Vendor	0.17	0.06	2.47	1.28	0.02	0.02	0.72	0.74	0.02	0.20	0.22	—	2,144	2,144	0.11	0.32	0.94	2,244
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	0.89	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	271	271	< 0.005	< 0.005	0.19	272
Vendor	0.03	0.01	0.45	0.23	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	355	355	0.02	0.05	0.16	371
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.61	6.00	9.86	0.01	0.20	—	0.20	0.18	—	0.18	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.61	6.00	9.86	0.01	0.20	—	0.20	0.18	—	0.18	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.37	3.89	0.01	0.08	—	0.08	0.07	—	0.07	—	596	596	0.02	< 0.005	—	598
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.43	0.71	< 0.005	0.01	—	0.01	0.01	—	0.01	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	42.3	42.3	< 0.005	< 0.005	0.04	42.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.76	4.18	0.01	0.01	—	0.01	0.01	—	0.01	—	596	596	0.02	< 0.005	—	598
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.14	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	42.3	42.3	< 0.005	< 0.005	0.04	42.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (Phase 3) (2034) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.76	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.76	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.30	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.7	52.7	< 0.005	< 0.005	—	52.9
Architectural Coatings	—	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.72	8.72	< 0.005	< 0.005	—	8.75
Architectural Coatings	—	2.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.07	1.52	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	458	458	0.01	< 0.005	0.70	460
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.09	1.29	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	424	424	0.01	< 0.005	0.02	426
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	169	169	< 0.005	< 0.005	0.12	170
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	28.0	28.0	< 0.005	< 0.005	0.02	28.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (Phase 3) (2034) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.38	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.7	52.7	< 0.005	< 0.005	—	52.9
Architectural Coatings	—	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.72	8.72	< 0.005	< 0.005	—	8.75
Architectural Coatings	—	2.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.07	1.52	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	458	458	0.01	< 0.005	0.70	460
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.09	1.29	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	424	424	0.01	< 0.005	0.02	426
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	169	169	< 0.005	< 0.005	0.12	170
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	28.0	28.0	< 0.005	< 0.005	0.02	28.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition (Phase 3)	Demolition	2/18/2032	5/11/2032	6.00	72.0	—
Site Preparation (Phase 3)	Site Preparation	1/21/2032	2/17/2032	6.00	24.0	—
Grading (Phase 3)	Grading	5/12/2032	6/8/2032	6.00	24.0	—
Building Construction (Phase 3)	Building Construction	6/09/2032	11/21/2034	6.00	768	—
Paving (Phase 3)	Paving	7/06/2032	12/20/2032	6.00	144	—
Architectural Coating (Phase 3)	Architectural Coating	1/18/2034	7/4/2034	6.00	144	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 3)	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition (Phase 3)	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition (Phase 3)	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation (Phase 3)	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (Phase 3)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (Phase 3)	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading (Phase 3)	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading (Phase 3)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction (Phase 3)	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction (Phase 3)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 3)	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction (Phase 3)	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving (Phase 3)	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving (Phase 3)	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36

Paving (Phase 3)	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating (Phase 3)	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 3)	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition (Phase 3)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition (Phase 3)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation (Phase 3)	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (Phase 3)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading (Phase 3)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading (Phase 3)	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading (Phase 3)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction (Phase 3)	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction (Phase 3)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 3)	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction (Phase 3)	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving (Phase 3)	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42

Paving (Phase 3)	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving (Phase 3)	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating (Phase 3)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 3)	—	—	—	—
Site Preparation (Phase 3)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 3)	Hauling	132	20.0	HHDT
Site Preparation (Phase 3)	Onsite truck	—	—	HHDT
Grading (Phase 3)	—	—	—	—
Grading (Phase 3)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 3)	Hauling	135	20.0	HHDT
Grading (Phase 3)	Onsite truck	—	—	HHDT
Building Construction (Phase 3)	—	—	—	—
Building Construction (Phase 3)	Worker	307	11.7	LDA,LDT1,LDT2
Building Construction (Phase 3)	Vendor	136	8.40	HHDT,MHDT
Building Construction (Phase 3)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 3)	Onsite truck	—	—	HHDT
Paving (Phase 3)	—	—	—	—
Paving (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 3)	Hauling	0.00	20.0	HHDT

Paving (Phase 3)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 3)	—	—	—	—
Architectural Coating (Phase 3)	Worker	61.4	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 3)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 3)	Onsite truck	—	—	HHDT
Demolition (Phase 3)	—	—	—	—
Demolition (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Demolition (Phase 3)	Hauling	0.00	20.0	HHDT
Demolition (Phase 3)	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 3)	—	—	—	—
Site Preparation (Phase 3)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 3)	Hauling	132	20.0	HHDT
Site Preparation (Phase 3)	Onsite truck	—	—	HHDT
Grading (Phase 3)	—	—	—	—
Grading (Phase 3)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 3)	Hauling	135	20.0	HHDT
Grading (Phase 3)	Onsite truck	—	—	HHDT
Building Construction (Phase 3)	—	—	—	—
Building Construction (Phase 3)	Worker	307	11.7	LDA,LDT1,LDT2
Building Construction (Phase 3)	Vendor	136	8.40	HHDT,MHDT

Building Construction (Phase 3)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 3)	Onsite truck	—	—	HHDT
Paving (Phase 3)	—	—	—	—
Paving (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 3)	Hauling	0.00	20.0	HHDT
Paving (Phase 3)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 3)	—	—	—	—
Architectural Coating (Phase 3)	Worker	61.4	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 3)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 3)	Onsite truck	—	—	HHDT
Demolition (Phase 3)	—	—	—	—
Demolition (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Demolition (Phase 3)	Hauling	0.00	20.0	HHDT
Demolition (Phase 3)	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating (Phase 3)	0.00	0.00	623,263	203,230	27,418

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Site Preparation (Phase 3)	—	—	36.0	12,644	—
Grading (Phase 3)	5,000	21,000	360	0.00	—
Paving (Phase 3)	0.00	0.00	0.00	0.00	10.5

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Hospital	0.00	0%
Medical Office Building	0.00	0%
Enclosed Parking with Elevator	10.4	100%
Other Asphalt Surfaces	0.10	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2032	0.00	204	0.03	< 0.005
2033	0.00	204	0.03	< 0.005
2034	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2

AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract

Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—

Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0

Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on specific land use data for project. This reflects information provided within spreadsheet. Offsite improvements were estimated at 4.558 ksf from aerial imagery of the overlaid site plan.
Construction: Construction Phases	Reflects construction schedule give by Client
Construction: Dust From Material Movement	Based on provided soil movement
Construction: Demolition	Based on estimated pavement material movement.

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 1 Operations - 2029
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	548	1000sqft	12.6	548,444	51,200	0.00	—	Building C

Parking Lot	552	Space	4.97	0.00	0.00	—	—	Parking Lot
Enclosed Parking with Elevator	653	Space	5.88	253,800	0.00	—	—	Garage East
General Heavy Industry	23.8	1000sqft	0.55	23,750	0.00	—	—	CUP
Other Asphalt Surfaces	20.4	1000sqft	0.47	0.00	0.00	—	—	Mech Yard & O2 Yard

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	24.7	36.5	14.8	218	0.51	0.34	50.7	51.0	0.31	12.8	13.2	3,351	65,072	68,422	339	2.37	142	77,746
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	17.7	30.0	17.0	162	0.47	0.28	50.7	51.0	0.26	12.8	13.1	3,351	61,812	65,163	339	2.53	10.6	74,407
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	20.7	32.7	16.1	178	0.48	0.31	50.3	50.6	0.28	12.7	13.0	3,351	62,316	65,666	339	2.47	65.5	74,944
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.78	5.97	2.95	32.5	0.09	0.06	9.17	9.23	0.05	2.33	2.38	555	10,317	10,872	56.1	0.41	10.8	12,408

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	18.3	16.6	14.5	182	0.51	0.27	50.7	51.0	0.26	12.8	13.1	—	51,470	51,470	1.58	1.76	135	52,169
Area	6.40	19.9	0.30	35.9	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	148
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	13,184	13,184	2.13	0.26	—	13,314
Water	—	—	—	—	—	—	—	—	—	—	—	142	270	413	14.6	0.35	—	884
Waste	—	—	—	—	—	—	—	—	—	—	—	3,208	0.00	3,208	321	0.00	—	11,224
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.04	7.04
Total	24.7	36.5	14.8	218	0.51	0.34	50.7	51.0	0.31	12.8	13.2	3,351	65,072	68,422	339	2.37	142	77,746
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	17.7	16.0	17.0	162	0.47	0.28	50.7	51.0	0.26	12.8	13.1	—	48,358	48,358	1.72	1.92	3.51	48,978
Area	—	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	13,184	13,184	2.13	0.26	—	13,314
Water	—	—	—	—	—	—	—	—	—	—	—	142	270	413	14.6	0.35	—	884
Waste	—	—	—	—	—	—	—	—	—	—	—	3,208	0.00	3,208	321	0.00	—	11,224
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.04	7.04
Total	17.7	30.0	17.0	162	0.47	0.28	50.7	51.0	0.26	12.8	13.1	3,351	61,812	65,163	339	2.53	10.6	74,407
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	17.5	15.8	16.0	160	0.48	0.27	50.3	50.5	0.26	12.7	13.0	—	48,789	48,789	1.65	1.86	58.5	49,442
Area	3.15	16.9	0.15	17.7	< 0.005	0.03	—	0.03	0.02	—	0.02	—	72.9	72.9	< 0.005	< 0.005	—	73.1
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	13,184	13,184	2.13	0.26	—	13,314
Water	—	—	—	—	—	—	—	—	—	—	—	142	270	413	14.6	0.35	—	884

Waste	—	—	—	—	—	—	—	—	—	—	—	3,208	0.00	3,208	321	0.00	—	11,224
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.04	7.04
Total	20.7	32.7	16.1	178	0.48	0.31	50.3	50.6	0.28	12.7	13.0	3,351	62,316	65,666	339	2.47	65.5	74,944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.20	2.89	2.92	29.3	0.09	0.05	9.17	9.22	0.05	2.33	2.37	—	8,078	8,078	0.27	0.31	9.68	8,186
Area	0.58	3.08	0.03	3.23	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.1	12.1	< 0.005	< 0.005	—	12.1
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,183	2,183	0.35	0.04	—	2,204
Water	—	—	—	—	—	—	—	—	—	—	—	23.6	44.8	68.4	2.42	0.06	—	146
Waste	—	—	—	—	—	—	—	—	—	—	—	531	0.00	531	53.1	0.00	—	1,858
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.17	1.17
Total	3.78	5.97	2.95	32.5	0.09	0.06	9.17	9.23	0.05	2.33	2.38	555	10,317	10,872	56.1	0.41	10.8	12,408

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	18.3	16.6	14.5	182	0.51	0.27	50.7	51.0	0.26	12.8	13.1	—	51,470	51,470	1.58	1.76	135	52,169
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	18.3	16.6	14.5	182	0.51	0.27	50.7	51.0	0.26	12.8	13.1	—	51,470	51,470	1.58	1.76	135	52,169
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	17.7	16.0	17.0	162	0.47	0.28	50.7	51.0	0.26	12.8	13.1	—	48,358	48,358	1.72	1.92	3.51	48,978
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	17.7	16.0	17.0	162	0.47	0.28	50.7	51.0	0.26	12.8	13.1	—	48,358	48,358	1.72	1.92	3.51	48,978
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	3.20	2.89	2.92	29.3	0.09	0.05	9.17	9.22	0.05	2.33	2.37	—	8,078	8,078	0.27	0.31	9.68	8,186
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.20	2.89	2.92	29.3	0.09	0.05	9.17	9.22	0.05	2.33	2.37	—	8,078	8,078	0.27	0.31	9.68	8,186

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	12,551	12,551	2.03	0.25	—	12,675
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	109	109	0.02	< 0.005	—	110
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	524	524	0.08	0.01	—	529
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	13,184	13,184	2.13	0.26	—	13,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	12,551	12,551	2.03	0.25	—	12,675

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	109	109	0.02	< 0.005	—	110
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	524	524	0.08	0.01	—	529
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	13,184	13,184	2.13	0.26	—	13,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	2,078	2,078	0.34	0.04	—	2,098
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	18.0	18.0	< 0.005	< 0.005	—	18.2
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	86.7	86.7	0.01	< 0.005	—	87.5
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,183	2,183	0.35	0.04	—	2,204

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Hospital	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	12.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.40	5.90	0.30	35.9	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	148
Total	6.40	19.9	0.30	35.9	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	148

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	12.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.58	0.53	0.03	3.23	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.1	12.1	< 0.005	< 0.005	—	12.1
Total	0.58	3.08	0.03	3.23	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.1	12.1	< 0.005	< 0.005	—	12.1

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	132	251	382	13.6	0.33	—	819

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	10.5	19.9	30.4	1.08	0.03	—	65.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	270	413	14.6	0.35	—	884
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	132	251	382	13.6	0.33	—	819
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	10.5	19.9	30.4	1.08	0.03	—	65.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	270	413	14.6	0.35	—	884
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	21.8	41.5	63.3	2.25	0.05	—	136
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.74	3.29	5.03	0.18	< 0.005	—	10.8
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.6	44.8	68.4	2.42	0.06	—	146

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	3,192	0.00	3,192	319	0.00	—	11,169
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	15.9	0.00	15.9	1.59	0.00	—	55.5
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	3,208	0.00	3,208	321	0.00	—	11,224
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	3,192	0.00	3,192	319	0.00	—	11,169
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	15.9	0.00	15.9	1.59	0.00	—	55.5
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	3,208	0.00	3,208	321	0.00	—	11,224
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	529	0.00	529	52.8	0.00	—	1,849
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	2.63	0.00	2.63	0.26	0.00	—	9.19
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	531	0.00	531	53.1	0.00	—	1,858

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.86	0.86
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.18	6.18
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.04	7.04
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.86	0.86
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.18	6.18
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.04	7.04
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.02	1.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.17	1.17

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Hospital	5,305	5,305	5,305	1,936,325	71,868	71,868	71,868	26,231,782
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	869,811	287,377	29,570

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hospital	22,458,218	204	0.0330	0.0040	0.00
Parking Lot	195,067	204	0.0330	0.0040	0.00
Enclosed Parking with Elevator	936,885	204	0.0330	0.0040	0.00
General Heavy Industry	0.00	204	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hospital	68,819,048	547,350
Parking Lot	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00
General Heavy Industry	5,492,188	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Hospital	5,923	—
Parking Lot	0.00	—
Enclosed Parking with Elevator	0.00	—
General Heavy Industry	29.4	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294

Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Includes both KSF and Parking space data for garage. Hospital Building "C" is being constructed with partial demolition of Building "A" and total demolition of the Day Care.
Construction: Construction Phases	Data provided by excel sheet, updating Construction Phases to reflect excel doc.
Construction: Dust From Material Movement	Based on provided construction assumptions and site plan.
Construction: Demolition	Based on provided construction assumptions and site plan.
Operations: Vehicle Data	Based on Trip Generation and VMT analysis for project
Operations: Energy Use	Based on San Jose banning natural gas usage in new developments. Any NG usage by the hospital for required purposes was calculated outside of CalEEMod.

Good Sam Phase 2 - Operations Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 2 - Operations
Operational Year	2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Parking Lot	421	Space	3.79	0.00	0.00	—	—	Parking Lot

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.00	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.4	13.4	< 0.005	< 0.005	0.00	13.5

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.03	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	80.8	80.8	0.01	< 0.005	—	81.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	80.8	80.8	0.01	< 0.005	—	81.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.03	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	80.8	80.8	0.01	< 0.005	—	81.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	< 0.005	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	13.4	13.4	< 0.005	< 0.005	—	13.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.4	13.4	< 0.005	< 0.005	0.00	13.5

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.03	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	80.8	80.8	0.01	< 0.005	—	81.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	80.8	80.8	0.01	< 0.005	—	81.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.03	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	80.8	80.8	0.01	< 0.005	—	81.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.8	80.8	0.01	< 0.005	0.00	81.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	< 0.005	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	13.4	13.4	< 0.005	< 0.005	—	13.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.4	13.4	< 0.005	< 0.005	0.00	13.5

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	13.4	13.4	< 0.005	< 0.005	—	13.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.4	13.4	< 0.005	< 0.005	—	13.5

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	80.8	80.8	0.01	< 0.005	—	81.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	13.4	13.4	< 0.005	< 0.005	—	13.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.4	13.4	< 0.005	< 0.005	—	13.5

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	< 0.005	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.03	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	< 0.005	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	0.00	0.00	9,903

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Parking Lot	144,583	204	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Parking Lot	144,583	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00

Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864

Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0

Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Have excel spreadsheet with specific land use data for project. This reflects information provided within spreadsheet.
Construction: Construction Phases	Reflects construction schedule given in excel spreadsheet.
Construction: Dust From Material Movement	Based on provided grading material movement
Construction: Demolition	Site preparation is based on provided pavement material demolition.

Good Sam - Buildout Operations 2034 v2 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam - Buildout Operations 2034 v2
Operational Year	2034
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	85.0	1000sqft	1.95	85,000	51,200	—	—	Building B

Hospital	548	1000sqft	12.6	548,444	0.00	—	—	Building C
General Light Industry	23.8	1000sqft	0.55	23,750	0.00	—	—	Central Utility Plant
Enclosed Parking with Elevator	653	Space	5.88	350,000	0.00	—	—	East Garage
Enclosed Parking with Elevator	1,154	Space	10.4	425,208	0.00	—	—	West Garage
Parking Lot	552	Space	4.97	0.00	0.00	—	—	Phase 1
Parking Lot	421	Space	3.79	0.00	0.00	—	—	Phase 2
Medical Office Building	200	1000sqft	4.59	200,000	0.00	—	—	MOB Building E
Hospital	202	1000sqft	4.64	201,936	51,200	—	—	Hospital Expansion
Other Asphalt Surfaces	20.4	1000sqft	0.47	0.00	0.00	—	—	Mech Yard and O2 Yard
Other Asphalt Surfaces	4.56	1000sqft	0.10	0.00	0.00	—	—	Off-site Improvements

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	54.1	75.3	40.6	383	0.89	1.88	82.6	84.5	1.82	20.9	22.8	6,302	123,913	130,215	639	4.01	119	147,503

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	38.8	61.0	43.7	283	0.84	1.74	82.6	84.4	1.72	20.9	22.7	6,302	118,855	125,157	639	4.29	15.4	142,432
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	45.4	67.1	42.5	316	0.85	1.81	81.9	83.8	1.77	20.8	22.5	6,302	119,667	125,969	639	4.18	58.7	143,250
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.28	12.2	7.76	57.6	0.15	0.33	15.0	15.3	0.32	3.79	4.11	1,043	19,812	20,856	106	0.69	9.72	23,717

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	37.9	35.3	21.9	288	0.78	0.36	82.6	83.0	0.34	20.9	21.3	—	79,043	79,043	2.73	2.89	107	80,079
Area	14.2	39.0	0.67	79.8	< 0.005	0.14	—	0.14	0.11	—	0.11	—	328	328	0.01	< 0.005	—	329
Energy	1.99	1.00	18.1	15.2	0.11	1.38	—	1.38	1.38	—	1.38	—	44,049	44,049	5.54	0.48	—	44,331
Water	—	—	—	—	—	—	—	—	—	—	—	259	493	753	26.7	0.64	—	1,611
Waste	—	—	—	—	—	—	—	—	—	—	—	6,042	0.00	6,042	604	0.00	—	21,140
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.6	12.6
Total	54.1	75.3	40.6	383	0.89	1.88	82.6	84.5	1.82	20.9	22.8	6,302	123,913	130,215	639	4.01	119	147,503
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	36.8	34.1	25.6	268	0.73	0.36	82.6	83.0	0.34	20.9	21.3	—	74,313	74,313	3.07	3.17	2.77	75,337
Area	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	1.99	1.00	18.1	15.2	0.11	1.38	—	1.38	1.38	—	1.38	—	44,049	44,049	5.54	0.48	—	44,331
Water	—	—	—	—	—	—	—	—	—	—	—	259	493	753	26.7	0.64	—	1,611
Waste	—	—	—	—	—	—	—	—	—	—	—	6,042	0.00	6,042	604	0.00	—	21,140
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.6	12.6
Total	38.8	61.0	43.7	283	0.84	1.74	82.6	84.4	1.72	20.9	22.7	6,302	118,855	125,157	639	4.29	15.4	142,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	36.4	33.7	24.1	261	0.74	0.36	81.9	82.3	0.34	20.8	21.1	—	74,963	74,963	2.92	3.06	46.1	75,993
Area	7.01	32.4	0.33	39.3	< 0.005	0.07	—	0.07	0.05	—	0.05	—	162	162	0.01	< 0.005	—	162
Energy	1.99	1.00	18.1	15.2	0.11	1.38	—	1.38	1.38	—	1.38	—	44,049	44,049	5.54	0.48	—	44,331
Water	—	—	—	—	—	—	—	—	—	—	—	259	493	753	26.7	0.64	—	1,611
Waste	—	—	—	—	—	—	—	—	—	—	—	6,042	0.00	6,042	604	0.00	—	21,140
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.6	12.6
Total	45.4	67.1	42.5	316	0.85	1.81	81.9	83.8	1.77	20.8	22.5	6,302	119,667	125,969	639	4.18	58.7	143,250
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.64	6.15	4.40	47.7	0.13	0.07	15.0	15.0	0.06	3.79	3.85	—	12,411	12,411	0.48	0.51	7.64	12,581
Area	1.28	5.91	0.06	7.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Energy	0.36	0.18	3.30	2.77	0.02	0.25	—	0.25	0.25	—	0.25	—	7,293	7,293	0.92	0.08	—	7,340
Water	—	—	—	—	—	—	—	—	—	—	—	43.0	81.6	125	4.42	0.11	—	267
Waste	—	—	—	—	—	—	—	—	—	—	—	1,000	0.00	1,000	100.0	0.00	—	3,500
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.09	2.09
Total	8.28	12.2	7.76	57.6	0.15	0.33	15.0	15.3	0.32	3.79	4.11	1,043	19,812	20,856	106	0.69	9.72	23,717

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	22.5	21.0	13.0	171	0.46	0.22	49.1	49.4	0.20	12.5	12.7	—	47,012	47,012	1.63	1.72	63.5	47,628
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	15.4	14.3	8.87	117	0.31	0.15	33.5	33.6	0.14	8.49	8.63	—	32,031	32,031	1.11	1.17	43.3	32,451
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	37.9	35.3	21.9	288	0.78	0.36	82.6	83.0	0.34	20.9	21.3	—	79,043	79,043	2.73	2.89	107	80,079
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	21.9	20.3	15.2	159	0.43	0.22	49.1	49.4	0.20	12.5	12.7	—	44,198	44,198	1.82	1.89	1.65	44,808
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	14.9	13.8	10.4	108	0.30	0.15	33.5	33.6	0.14	8.49	8.63	—	30,115	30,115	1.24	1.29	1.12	30,530
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	36.8	34.1	25.6	268	0.73	0.36	82.6	83.0	0.34	20.9	21.3	—	74,313	74,313	3.07	3.17	2.77	75,337
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	3.95	3.66	2.61	28.4	0.08	0.04	8.89	8.93	0.04	2.26	2.29	—	7,382	7,382	0.29	0.30	4.54	7,483
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	2.69	2.49	1.78	19.3	0.05	0.03	6.06	6.09	0.03	1.54	1.56	—	5,029	5,029	0.20	0.21	3.10	5,099
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	6.64	6.15	4.40	47.7	0.13	0.07	15.0	15.0	0.06	3.79	3.85	—	12,411	12,411	0.48	0.51	7.64	12,581

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	18,156	18,156	2.94	0.36	—	18,335
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	145	145	0.02	< 0.005	—	146
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	1,599	1,599	0.26	0.03	—	1,615
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.03	< 0.005	—	189
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,366	2,366	0.38	0.05	—	2,389
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,453	22,453	3.63	0.44	—	22,675
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	18,156	18,156	2.94	0.36	—	18,335
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	145	145	0.02	< 0.005	—	146
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	1,599	1,599	0.26	0.03	—	1,615
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.03	< 0.005	—	189

Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,366	2,366	0.38	0.05	—	2,389
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,453	22,453	3.63	0.44	—	22,675
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	3,006	3,006	0.49	0.06	—	3,036
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	24.0	24.0	< 0.005	< 0.005	—	24.2
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	265	265	0.04	0.01	—	267
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	30.9	30.9	0.01	< 0.005	—	31.2
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	—	392	392	0.06	0.01	—	396
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,717	3,717	0.60	0.07	—	3,754

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	1.82	0.91	16.5	13.9	0.10	1.26	—	1.26	1.26	—	1.26	—	19,741	19,741	1.75	0.04	—	19,796

General Light Industry	0.03	0.02	0.28	0.23	< 0.005	0.02	—	0.02	0.02	—	0.02	—	333	333	0.03	< 0.005	—	334
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	0.14	0.07	1.28	1.07	0.01	0.10	—	0.10	0.10	—	0.10	—	1,522	1,522	0.13	< 0.005	—	1,527
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	1.99	1.00	18.1	15.2	0.11	1.38	—	1.38	1.38	—	1.38	—	21,596	21,596	1.91	0.04	—	21,656
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	1.82	0.91	16.5	13.9	0.10	1.26	—	1.26	1.26	—	1.26	—	19,741	19,741	1.75	0.04	—	19,796
General Light Industry	0.03	0.02	0.28	0.23	< 0.005	0.02	—	0.02	0.02	—	0.02	—	333	333	0.03	< 0.005	—	334
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	0.14	0.07	1.28	1.07	0.01	0.10	—	0.10	0.10	—	0.10	—	1,522	1,522	0.13	< 0.005	—	1,527
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	1.99	1.00	18.1	15.2	0.11	1.38	—	1.38	1.38	—	1.38	—	21,596	21,596	1.91	0.04	—	21,656

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	0.33	0.17	3.02	2.54	0.02	0.23	—	0.23	0.23	—	0.23	—	3,268	3,268	0.29	0.01	—	3,277
General Light Industry	0.01	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.2	55.2	< 0.005	< 0.005	—	55.3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	252	252	0.02	< 0.005	—	253
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.36	0.18	3.30	2.77	0.02	0.25	—	0.25	0.25	—	0.25	—	3,576	3,576	0.32	0.01	—	3,585

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	22.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	3.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	14.2	13.1	0.67	79.8	< 0.005	0.14	—	0.14	0.11	—	0.11	—	328	328	0.01	< 0.005	—	329
Total	14.2	39.0	0.67	79.8	< 0.005	0.14	—	0.14	0.11	—	0.11	—	328	328	0.01	< 0.005	—	329
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	22.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	3.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	4.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.28	1.18	0.06	7.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Total	1.28	5.91	0.06	7.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	201	382	583	20.7	0.50	—	1,248
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	10.5	19.9	30.4	1.08	0.03	—	65.2
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	48.1	90.8	139	4.95	0.12	—	298
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	259	493	753	26.7	0.64	—	1,611
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	201	382	583	20.7	0.50	—	1,248
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	10.5	19.9	30.4	1.08	0.03	—	65.2
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	48.1	90.8	139	4.95	0.12	—	298

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	259	493	753	26.7	0.64	—	1,611
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	33.3	63.3	96.6	3.42	0.08	—	207
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1.74	3.29	5.03	0.18	< 0.005	—	10.8
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	7.96	15.0	23.0	0.82	0.02	—	49.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	43.0	81.6	125	4.42	0.11	—	267

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	4,862	0.00	4,862	486	0.00	—	17,012

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	15.9	0.00	15.9	1.59	0.00	—	55.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	1,164	0.00	1,164	116	0.00	—	4,073
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6,042	0.00	6,042	604	0.00	—	21,140
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	4,862	0.00	4,862	486	0.00	—	17,012
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	15.9	0.00	15.9	1.59	0.00	—	55.5
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	1,164	0.00	1,164	116	0.00	—	4,073
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6,042	0.00	6,042	604	0.00	—	21,140

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	805	0.00	805	80.5	0.00	—	2,816
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	2.63	0.00	2.63	0.26	0.00	—	9.19
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	193	0.00	193	19.3	0.00	—	674
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,000	0.00	1,000	100.0	0.00	—	3,500

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.31	1.31
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.18	6.18

Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.6	12.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.31	1.31
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.18	6.18
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.6	12.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hospital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.22	0.22
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.02	1.02
Medical Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.09	2.09

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Hospital	906	906	906	330,557	7,088	7,088	7,088	2,587,079
Hospital	5,843	5,843	5,843	2,132,845	45,733	45,733	45,733	16,692,564
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	6,064	6,064	6,064	2,213,514	47,463	47,463	47,463	17,323,918
Hospital	2,152	2,152	2,152	785,309	16,839	16,839	16,839	6,146,169
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,620,574	533,107	66,892

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hospital	3,305,610	204	0.0330	0.0040	6,267,453
Hospital	21,328,727	204	0.0330	0.0040	40,439,373
General Light Industry	259,116	204	0.0330	0.0040	1,039,991
Enclosed Parking with Elevator	1,292,001	204	0.0330	0.0040	0.00
Enclosed Parking with Elevator	1,569,626	204	0.0330	0.0040	0.00
Parking Lot	189,572	204	0.0330	0.0040	0.00
Parking Lot	144,583	204	0.0330	0.0040	0.00
Medical Office Building	4,233,727	204	0.0330	0.0040	4,750,058
Hospital	7,853,195	204	0.0330	0.0040	14,889,698
Other Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hospital	10,665,846	547,350

Hospital	68,819,048	0.00
General Light Industry	5,492,188	0.00
Enclosed Parking with Elevator	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00
Parking Lot	0.00	0.00
Parking Lot	0.00	0.00
Medical Office Building	25,096,108	0.00
Hospital	25,339,038	547,350
Other Asphalt Surfaces	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hospital	918	—
Hospital	5,923	—
General Light Industry	29.4	—
Enclosed Parking with Elevator	0.00	—
Enclosed Parking with Elevator	0.00	—
Parking Lot	0.00	—
Parking Lot	0.00	—
Medical Office Building	2,160	—
Hospital	2,181	—
Other Asphalt Surfaces	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Light Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Medical Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Medical Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Hospital	Chillers	R-134a	1,430	< 0.005	2.00	2.00	23.0
Hospital	Household refrigerators and/or freezers	R-134a	1,430	< 0.005	0.60	0.00	1.00
Hospital	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00

Hospital	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—

Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062

Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4

Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No

Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on provided land uses. Off-site improvements were estimated from aerial imagery of improvement plans.
Operations: Vehicle Data	Based on Good Sam Trip Generation and default VMT and Trip Generation inputs.
Operations: Energy Use	Energy requirements within the CUP are calculated outside of CalEEMod.

APPENDIX C

HEALTH RISK ASSESSMENT

Health Risk Assessment
Good Samaritan Hospital Project
City of San José, California

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APPENDIX
Appendix A: Modeling Data

LIST OF ABBREVIATED TERMS

A	absorption factor from inhalation
ASF	age sensitivity factor
ADA	Americans with Disabilities Act
AB	Assembly Bill
APN	Assessor's Parcel Number
APS	auxiliary power system
AT	averaging time
ATCM	Airborne Toxic Control Measure
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
CARB	California Air Resources Board
CCAA	California Clean Air Act
CEQA	California Environmental Quality Act
CalGEM	California Geologic Energy Management Division
CPF	cancer potency factor
CG(PD)	Commercial General Planned Development
CARE	Community Air Risk Evaluation
C_{air}	air concentration from model
DOORS	Diesel Off-Road Reporting System
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
Dose-air	dose through inhalation
EMFAC	Emission Factors Model
ED	exposure duration
EF	exposure frequency
FCAA	Federal Clean Air Act
FAH	fraction of time at home
g/hp-hr	gram per horsepower-hour
GVWR	gross vehicle weight rating
HI	hazard index
HAP	hazardous air pollutant
HRA	health risk assessment
kg	kilogram
L	liter
MICR	Maximum Individual Cancer Risk
mg	milligrams
$\mu g/m^3$	micrograms per cubic meter
MSAT	Mobile Source Air Toxic
NAAQS	National Ambient Air Quality Standards
NED	National Elevation Dataset
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NO_X	nitrogen oxides
NMHC	nonmethane hydrocarbon
OEHHA	Office of Environmental Health Hazard Assessment
PM	particulate matter

PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
A(PD)	Planned Development (Agriculture Base District)
PERP	Portable Equipment Registration Program
REL	Reference Exposure Level
REL_i	Reference Exposure Level of substance
$Risk_{inh\text{-}res}$	residential inhalation cancer risk
SFBAAB	San Francisco Bay Area Air Basin
SB	Senate Bill
SPC	Structural Performance Category
TOG	total organic gases
T-BACT	toxics best available control technology
TAC	Toxic Air Contaminant
U.S. EPA	United States Environmental Protection Agency
VMT	vehicle miles traveled
ZEV	zero emission vehicles

1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TAC) including Diesel Particulate Matter (DPM) resulting from the implementation of the Project. This HRA was prepared in accordance with the requirements of the Bay Area Air Quality Management District (BAAQMD) and guidance from the Office of Environmental Health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project. Technical data are included as Appendix A: Modeling Data.

Project Location

The approximately 20-acre Project site is located at 2425 Samaritan Drive and 2333 Samaritan Place (Accessor Parcel Numbers (APNs): 421-36-009 and 421-36-011). Regionally, Good Samaritan Hospital is in the southwestern region of San José within an urban area that contains a mix of medical offices and clinics as well as single- and multi-family residential developments. The northern boundary of the Project site abuts the eastbound on-ramp to SR-65. Along the eastern boundary of the Project site is the Cambrian Center, a multi-family residential complex, and single-family residences. To the south of the Project site are various medical office buildings. Along the western boundary of the Project site is the Samaritan Medical Center, a medical office complex with surface parking. Figure 1: Regional Vicinity and Figure 2: Site Vicinity, depict the Project site in a regional and local context.

Project Description

Located in an urban area with a mix of commercial uses, single-family, and multi-family residential developments, the Project site is currently the Good Samaritan Hospital campus. The campus contains a day care center, the hospital building (Building A and Building B), a helipad in the northwest corner of the site, landscaping, and surface parking. The existing hospital building is divided into two different wings. Building A is the main building with emergency operations totaling approximately 359,000 square feet (sf), and Building B operates as a women's and children's services wing totaling approximately 85,000 sf. With the day care center totaling approximately 6,700 sf, the existing hospital campus is approximately 450,700 sf. Figure 3: Existing Conditions depict the Project site along with the current existing uses.

The proposed Project's existing land use designation is Neighborhood/Community Commercial (NCC), and the existing zoning designation is Planned Development (Agriculture Base District) (A(PD)). Project implementation would require a new Planned Development District to authorize the Project's new uses and, therefore a zone change would be required. The Project proposes a rezone (File No. PDC22-132) from the existing (A(PD)) Planned Development Zoning District to the Commercial General Planned Development (CG(PD)) Zoning District.[1] The new (CG(PD)) Planned Development Zoning District would authorize the new hospital wing components and additional uses (i.e., cafeterias and retail shops), as well as updated standards to address the modernization of the hospital's healthcare system and operations. In addition, a new planned development permit(s) would be required to implement the new PD Zoning.

Although the Project would be constructed in phases, the hospital would plan and stage operations throughout the expansion in order to allow for continuous uninterrupted operation of the hospital. Construction for all phases would follow a conventional construction sequence of demolition, site

[1] The file number that refers to the rezone from the existing A(PD) to the CGCG(PD) is PDC22-132. Available at: https://www.sanjoseca.gov/home/showpublisheddocument/98866/638212178270430000, accessed July 2023.

preparation, grading/earthwork, paving, building construction, and architectural coating. See Figure 4: Project Site Plan for more details.

Phase 1

Phase 1 would include demolition of 20,946 square feet in Building A and demolition of the 6,700 sf daycare center to construct a new 253,000-square –foot, five-story parking garage (Garage East), a 23,750-square-foot detached central utility plant and underground water and sewer tanks, and an approximately 548,444-square-foot, eight-story hospital building (Building C).

Garage East would be in the northeastern region of the Project site and would provide 653 parking spaces. Additionally, a new loading dock and accompanying dock canopy is proposed at grade-level on the west side of Building C, north of the existing four-story Women's and Children Center hospital wing (existing Building B). The loading area would be accessed from an internal drive aisle from Samaritan Drive, and the northern perimeter drive aisle.

In Phase 1, a Health Care Access and Information (HCAI) compliant two-story approximately 23,750 sf Central Utility Plant, Mechanical Yard, and Oxygen (O_2) Yard is proposed to the east of proposed Building C and west of Garage East to provide power and utility infrastructure to support the hospital operations.

Phase 1 would result in approximately 40,000 cubic yards (cy) of soil export from the Project site and approximately 10,000 cy of soil import. Construction Phase 1 would occur over approximately 5.8 years (i.e., 69 months), anticipated to begin in March 2024. See Figure 5: Proposed Project Phase 1 Conceptual Site Plan for more details.

Phase 2

In Phase 2, the existing non-seismically-compliant hospital building (Building A) would be demolished, totaling approximately 338,054 sf of demolition. The basement of the demolished hospital would be infilled with approximately 16 feet of fill and then approximately 421 surface parking stalls would be constructed.

Phase 2 would result in approximately 1,000 cy of soil export and 70,000 cy of soil import. Phase 2 is anticipated to begin in 2029 and occur over approximately two years. See Figure 6: Proposed Project Phase 2 Conceptual Site Plan for more details.

Phase 3

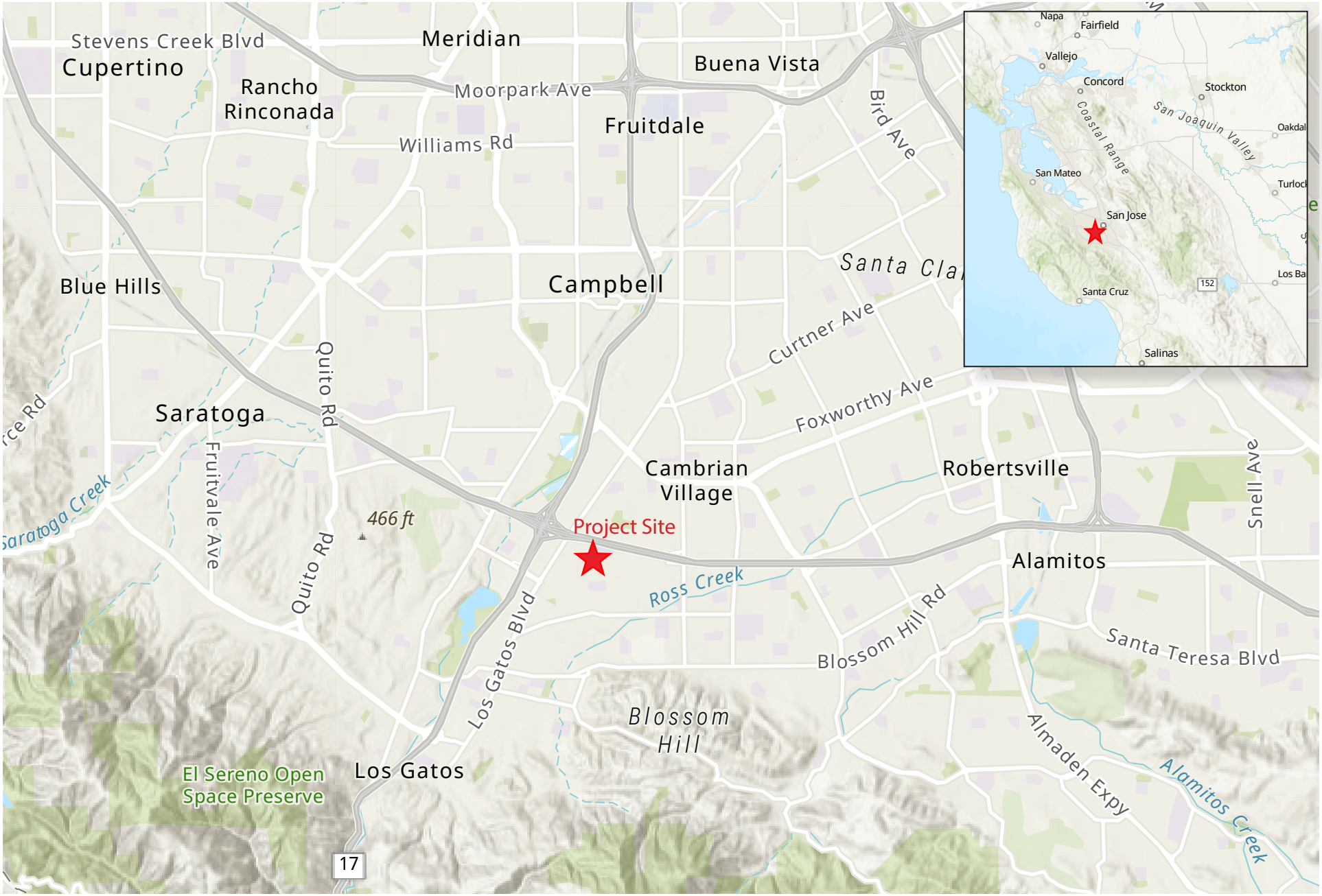
Phase 3 would construct an approximately 202,000 sf hospital wing (Building D), an approximately 200,000 sf medical office building (Building E), and an approximately 425,208 sf six-story garage structure (Garage West) with up to 1,154 parking stalls.

Building E is proposed to be constructed at the southern edge of the Project site, near the intersection of Samaritan Drive at Samaritan Place and would be eight stories tall and have approximately 25,000 sf of office space per floor, for a total of approximately 200,000 sf.

Additional patient, staff, and visitor parking would be provided in a new free-standing parking structure (Garage West) located on the western edge of the site. Garage West would be fully constructed in Phase 3 and would have approximately 1,154 parking spaces with five levels of parking, including basement. At

Phase 3 completion, the Good Samaritan Hospital would have up to 2,179 parking spaces. See Figure 7: Proposed Buildout Conceptual Site Plan for more details.

Phase 3 would result in approximately 21,000 CY of soil export and 5,000 CY of soil import. Phase 3 would be constructed over approximately 2.8 years (i.e., 34 months) starting in 2032. The schedule for construction in all phases would typically occur six days a week (Monday through Saturday) from 7:00 a.m. to 7:00 p.m.



Source: USGS, 2023

Figure 1: Regional Vicinity

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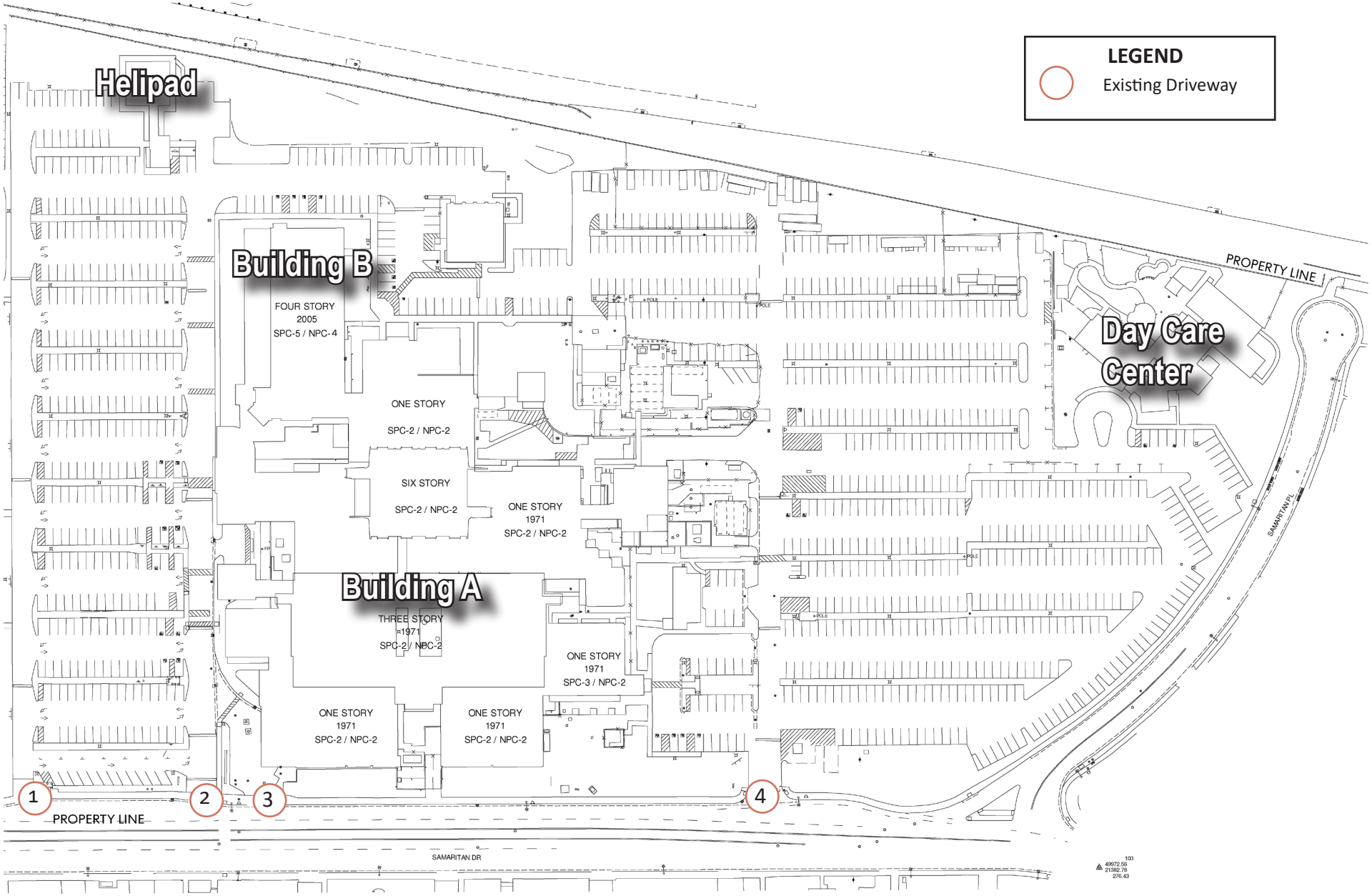
Source: Nearmap, 2023

Figure 2: Site Vicinity

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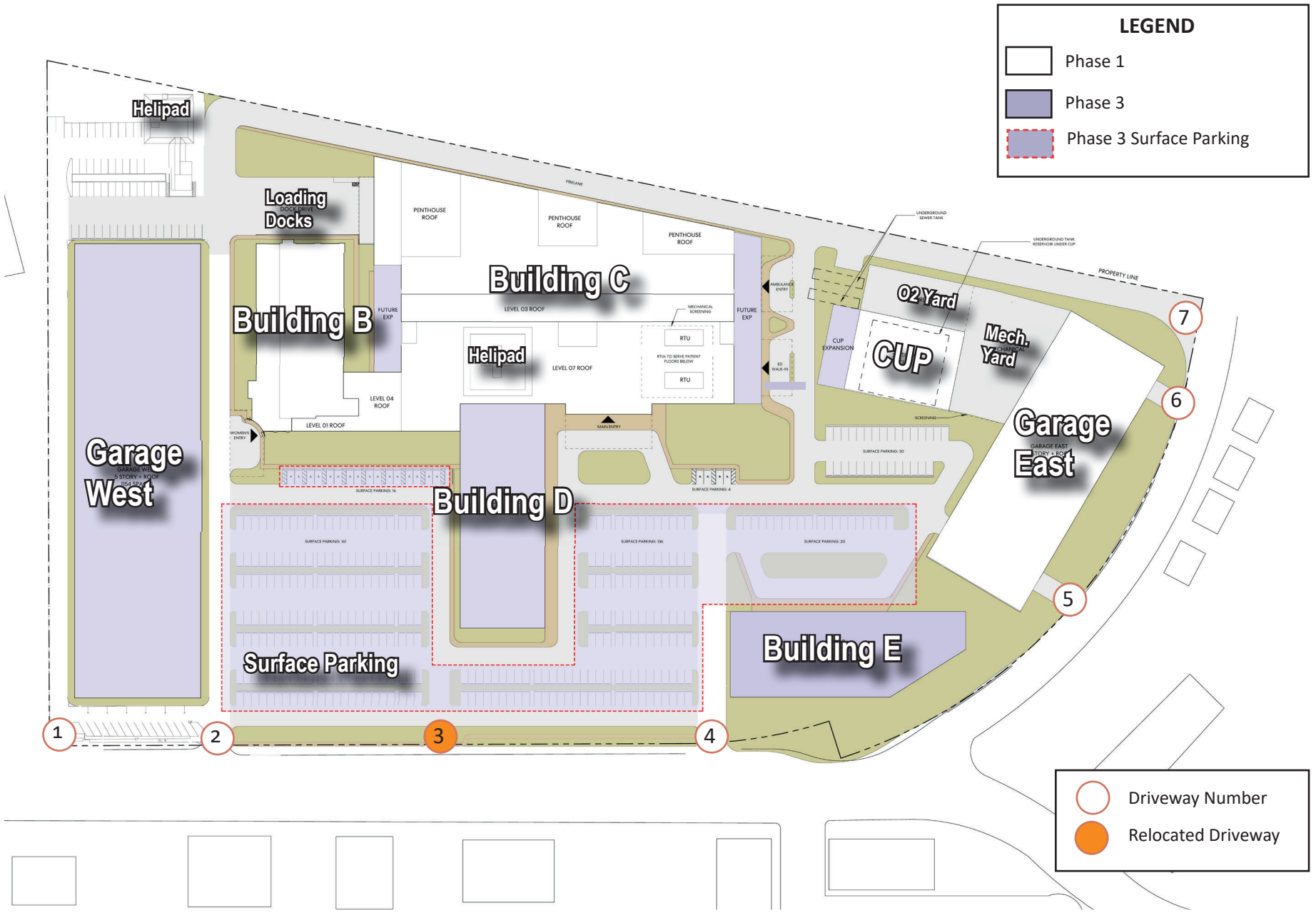
Source: Kimley-Horn, 2023

Figure 3: Existing Conditions

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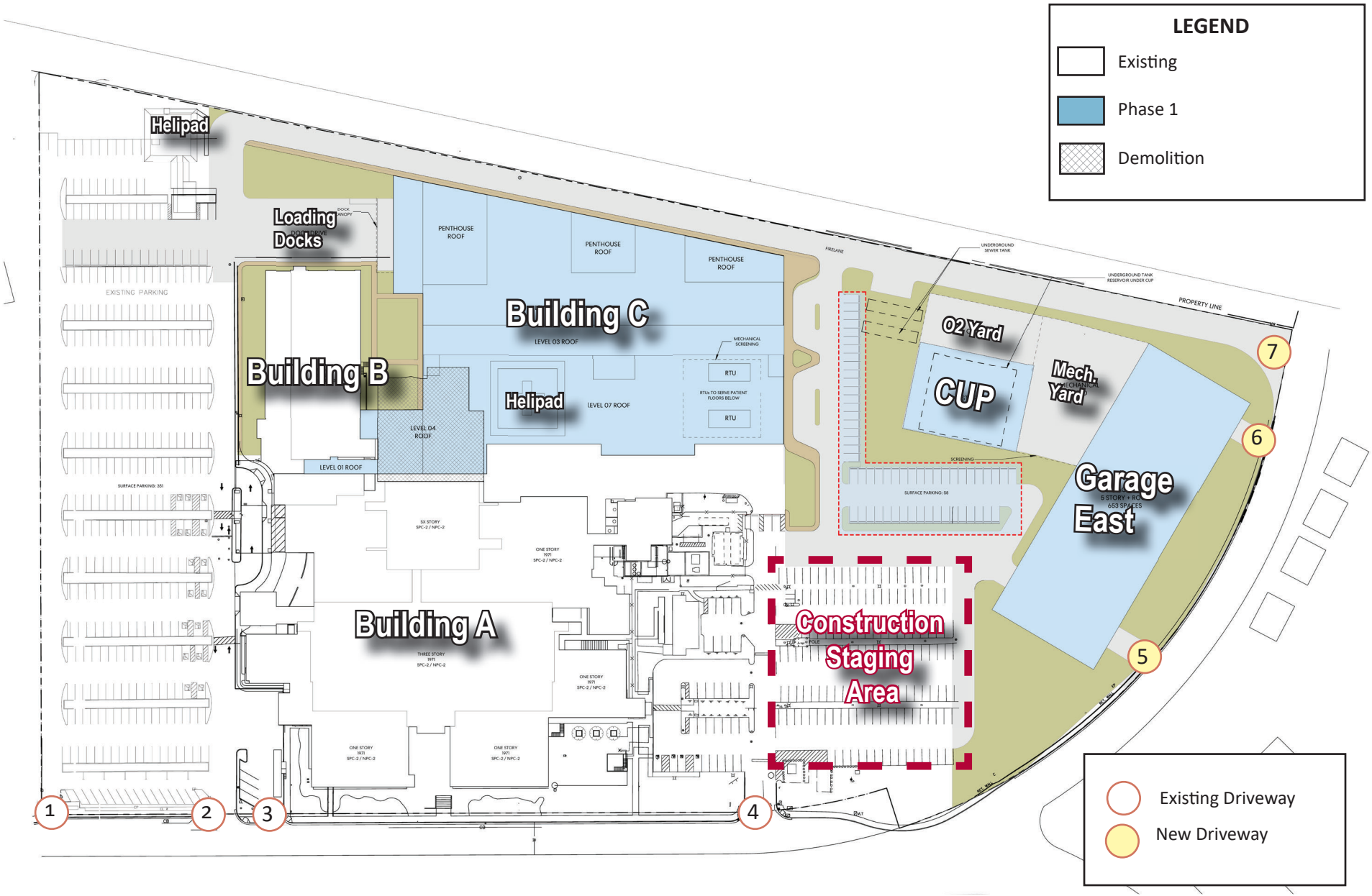
Source: Perkins and Will, 2023

Figure 4: Project Site Plan

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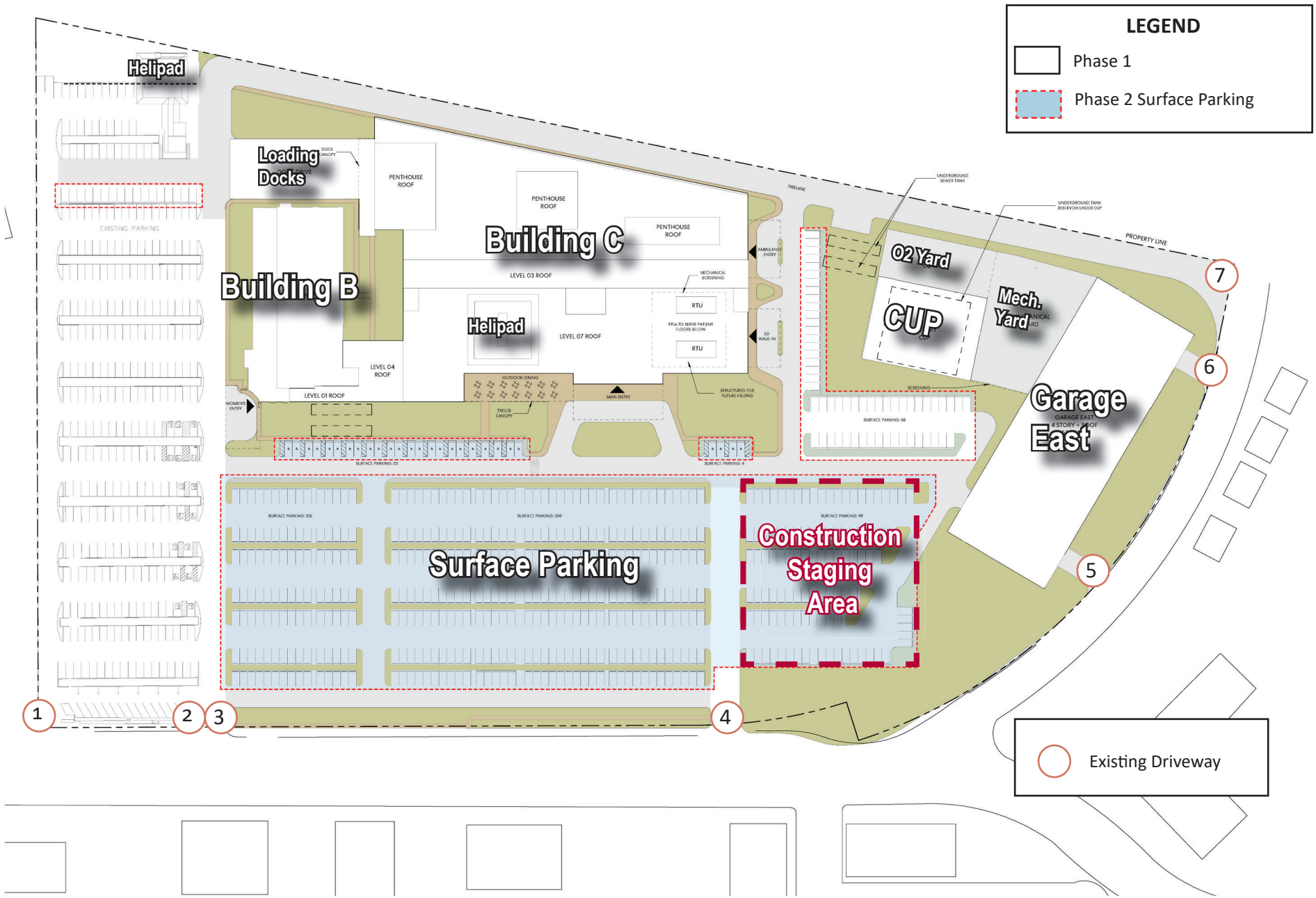
Source: Perkins and Will, 2023

Figure 5: Proposed Project Phase 1 Conceptual Site Plan

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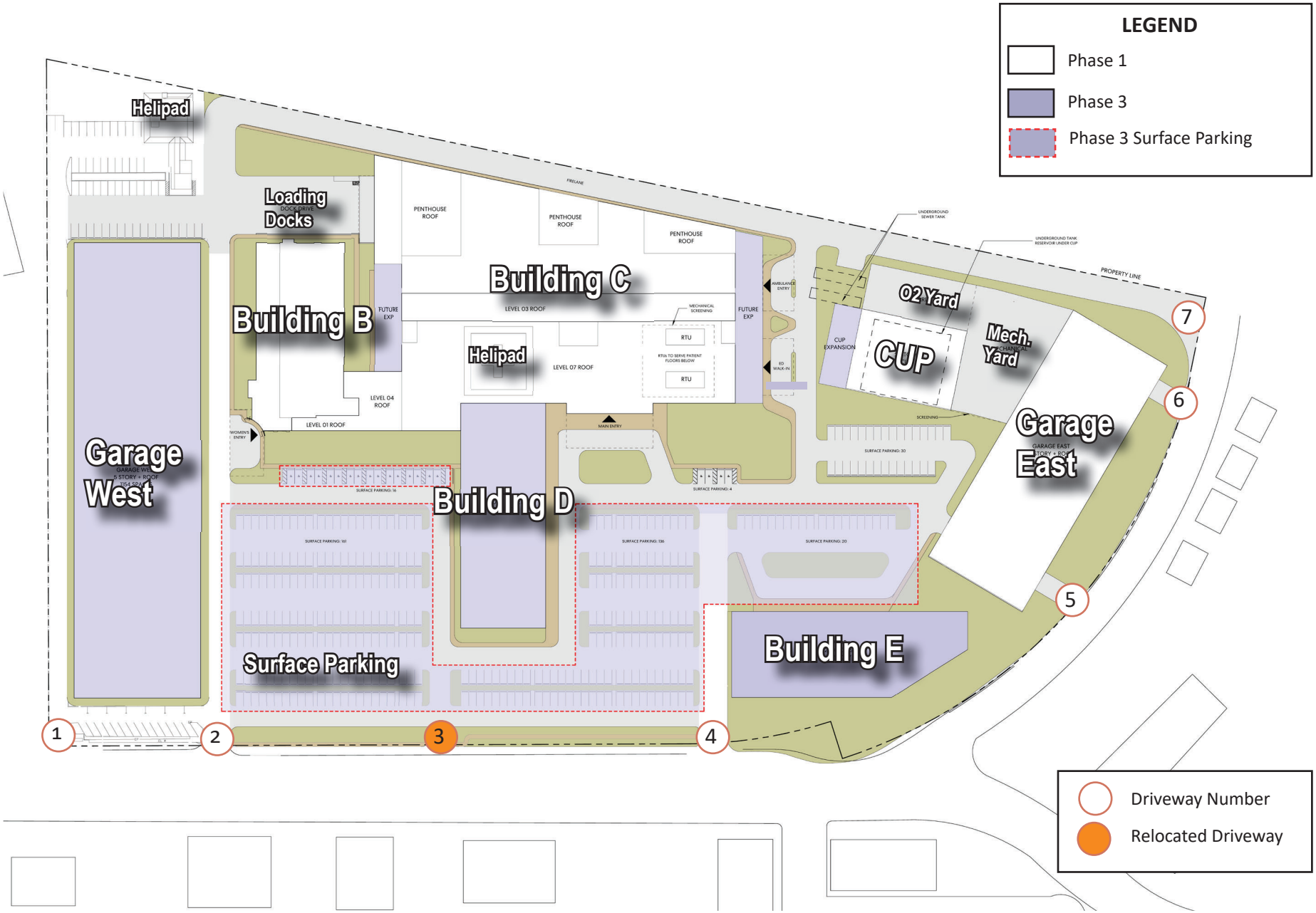
Source: Perkins and Will, 2023

Figure 6: Proposed Project Phase 2 Conceptual Site Plan

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Source: Perkins and Will, 2023

Figure 7: Proposed Buildout Conceptual Site Plan

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2 ENVIRONMENTAL SETTING

Climate

The project is within the San Francisco Bay Area Air Basin (SFBAAB), which comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara counties, the southern portion of Sonoma, and the southwestern portion of Solano County. SFBAAB is characterized by complex terrain, consisting of coastal mountain ranges, inland valleys, and bays, which distort wind flow patterns. The Coast Range splits resulting in a western coast gap, Golden Gate, and an eastern coast gap, Carquinez Strait, which allow air to flow in and out of the SFBAAB and the Central Valley.

The climate is dominated by the strength and location of a semi-permanent, subtropical high-pressure cell. During the summer, the Pacific high-pressure cell is centered over the northeastern Pacific Ocean resulting in stable meteorological conditions and a steady northwesterly wind flow. Upwelling of cold ocean water from below to the surface because of the northwesterly flow produces a band of cold water off the California coast. The cool and moisture-laden air approaching the coast from the Pacific Ocean is further cooled by the presence of the cold-water band resulting in condensation and the presence of fog and stratus clouds along the Northern California coast.

In the winter, the Pacific high-pressure cell weakens and shifts southward resulting in wind flow offshore, the absence of upwelling, and the occurrence of storms. Weak inversions coupled with moderate winds result in a low air pollution potential.

2.2 Toxic Air Contaminants

TACs are airborne substances capable of causing short-term (acute) and long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. Identified as TACs under the California Clean Air Act (CCAA), TACs have been singled out through ambient air quality data as being the most substantial health risk in California. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for only the larger air basins, including the SFBAAB.

Industrial facilities and mobile sources are significant sources of TACs. The electronics industry, including semiconductor manufacturing, has the potential to contaminate both air and water due to the highly toxic chlorinated solvents commonly used in semiconductor production processes. In addition to industrial sources, various common urban facilities also produce TAC emissions, such as gasoline stations (benzene), hospitals (ethylene oxide), and dry cleaners (perchloroethylene). Automobile exhaust also contains TACs such as benzene and 1,3-butadiene. DPM was identified as a TAC by CARB in 1998. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. BAAQMD

research indicates that mobile-source emissions of DPM, benzene, and 1,3-butadiene represent a substantial portion of the ambient background risk from TACs in the SFBAAB.

TACs do not have ambient air quality standards because no safe levels of TACs can be determined. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. The requirements of the Air Toxic "Hot Spots" Information and Assessment Act (Assembly Bill [AB] 2588) apply to facilities that use, produce, or emit toxic chemicals. Facilities subject to the toxic emission inventory requirements of the act must prepare and submit toxic emission inventory plans and reports, and periodically update those reports.

Toxic contaminants often result from fugitive emissions during fuel storage and transfer activities, and from leaking valves and pipes. Sources of air toxics go beyond industry, however. Automobile exhaust also contains toxic air pollutants such as benzene and 1,3-butadiene.

In California, on-road diesel-fueled engines contribute approximately 24 percent of the statewide total DPM emissions, with an additional 71 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units. Stationary sources contribute about 5 percent of total DPM. CARB has developed several plans and programs to reduce diesel emissions including, but not limited to, the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment to register their units to operate their equipment throughout California without having to obtain individual permits from local air districts.

As stated above, diesel exhaust and many individual substances contained in it (including arsenic, benzene, formaldehyde, and nickel) have the potential to contribute to mutations in cells that can lead to cancer. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles.

Exposure to diesel exhaust can have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children's lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with increased frequency of childhood illnesses and can also reduce lung function in children. California has identified diesel exhaust particles as a carcinogen.

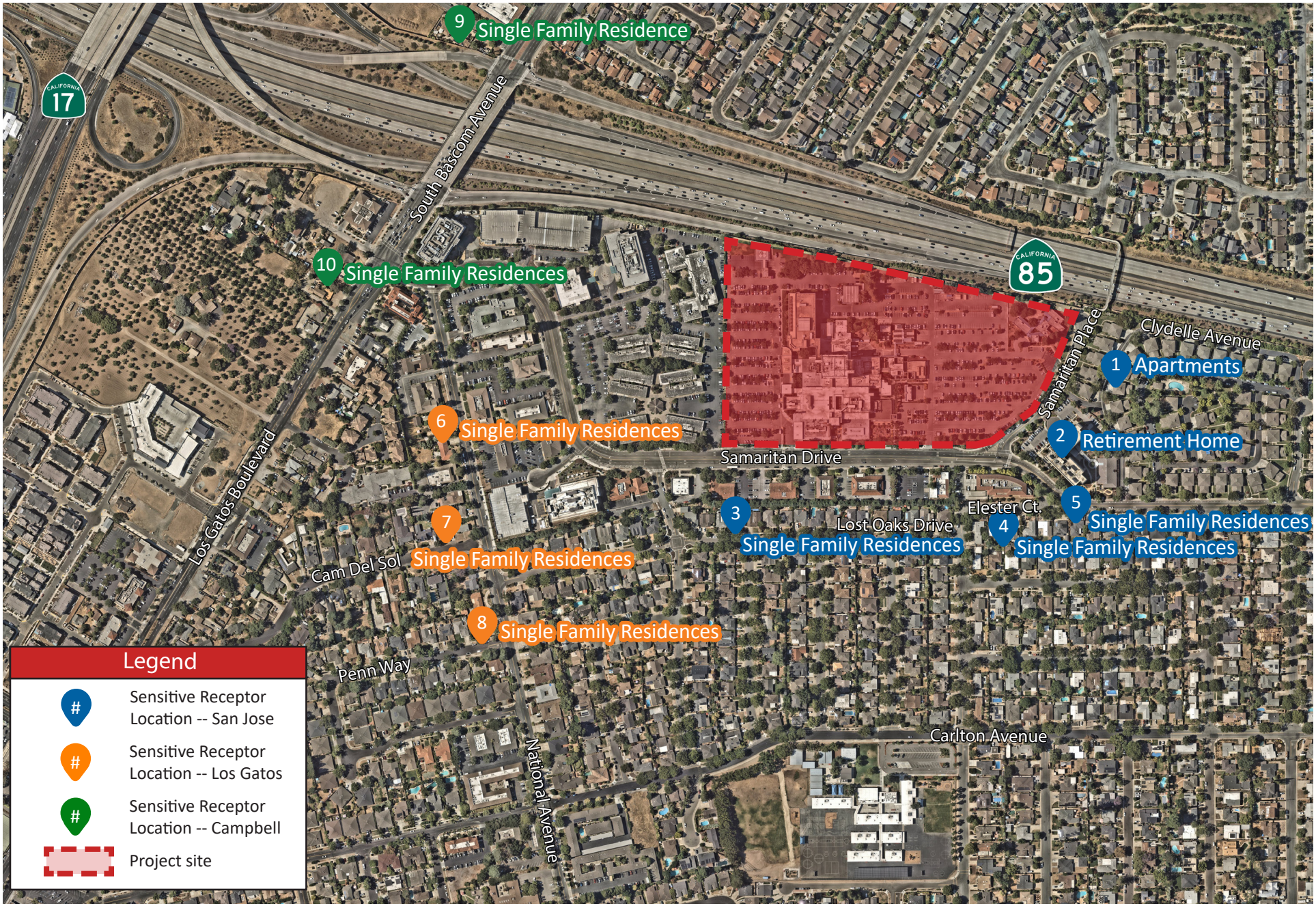
2.3 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are in proximity to localized sources of TACs are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.

As shown in Table 1: Sensitive Receptors and Figure 8: Sensitive Receptors, sensitive receptors nearest to the Project site include apartments approximately 45 feet east of the Project site across Samaritan Place, the Cambrian Center Retirement Home approximately 50 feet southeast of the Project site, and single family residences along Lost Oaks Drive approximately 200 feet south of the Project site. These distances are from the Project site to the sensitive receptor property line.

Table 1: Sensitive Receptors

Receptor Description	Distance and Direction from the Project Site
Multi-family residences along Samaritan Place	45 feet east
Cambrian Center Retirement Home	50 feet southeast
Residences along Lost Oaks Drive	200 feet south
Residences along Elester Court	230 feet southeast
Residences along Samaritan Drive	480 feet southeast
1. Distances are measured from the Project site boundary to the property line.	
Source: Google Earth, 2023.	



Source: Nearmap, 2023

Figure 8: Sensitive Receptors

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3 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health: benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts less uniform.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[2] The PM emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the nitrogen oxide (NO_X) and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. In December 2022, the EPA final rule set new, more stringent

[2] United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

standards to reduce NO_X pollution from heavy-duty vehicles and engines starting in model year 2027. The rule will reduce NO_X emissions from heavy-duty trucks by almost 50 percent by 2045, producing significant health-related benefits.[3]

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 1 through Tier 3 standards are to be increasingly more stringent, respectively, and vary by pollutant and engine size. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4 standards require that emissions of PM and NOx be further reduced by about 90% from Tier 3 standards. CARB currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. CARB currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce oxides of nitrogen (NO_X) and particulate matter (PM) emissions from new, off-road compression-ignition (CI) engines, by an additional 50% to 90%, compared to what is allowed by today's Tier 4 final emission standards.

3.2 State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxic control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions.

CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588). Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals

[3] United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.

include an 85 percent reduction in DPM by 2020 from the 2000 baseline[4]. CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[5] The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and NO_X emissions from existing diesel vehicles operating in California. The regulation requires PM retrofits on all diesel trucks and buses that operate in California (i.e., existing vehicles are required to be upgraded to reduce emissions). Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses would need to have 2010 model year engines or equivalent.

The regulation applies to most privately-owned and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero-emission technology in the off-road sector. The 2022 Amendments will help meet the State's multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor

[4] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[5] California Air Resources Board, *Overview: Diesel Exhaust & Health*, available at: https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed August 2023.

vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CARB Advanced Clean Truck Regulation

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission "last-mile" delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.
- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

Advanced Clean Cars I and II

Advanced Clean Cars combines several regulations into one package including the Low-Emission Vehicle (LEV) criteria and greenhouse gas regulations and the zero-emission vehicle (ZEV) regulation. Advanced Clean Cars I was adopted in 2012 and Advanced Clean Cars II was adopted in 2022. These regulations rapidly scale down emissions of light-duty passenger cars, pickup trucks and SUVs and require an increased number of zero-emission vehicles to meet air quality and climate change emissions goals. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions. The Advanced Clean Cars II regulations take the state's already growing zero-emission vehicle market and robust motor vehicle emission control rules and augments them to meet more aggressive tailpipe emissions standards and ramp up to 100% zero-emission vehicles.

ARB Advanced Clean Fleets Regulation. CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, requires fleet owners to begin transitioning toward ZEVs starting in 2024. Due to the impact that truck traffic has on residents living near heavily trafficked corridors, drayage trucks will need to be zero-emissions by 2035. All other fleet owners have the option to transition a percentage of their vehicles to meet expected zero-emission milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

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Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

California Energy Commission – Title 24 Building Energy Efficiency Standards

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in California Code of Regulations (CCR) Title 24 Part 6, were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated every three years to allow consideration and possible incorporation of new energy efficiency technologies and methods. The 2019 Energy Standards include requirements for mandatory mechanical ventilation intended to improve indoor air quality in homes, and requirements for Minimum Efficiency Reporting Value (MERV) 13 air filtration on space conditioning systems, and ventilation systems that provide outside air to a dwelling's occupiable space. The Residential Compliance Manual for the 2019 Building Energy Efficiency Standards notes that air filter efficiencies of at least MERV 13 protect occupants from exposure to the smaller airborne particles (i.e., $PM_{2.5}$) that are known to adversely affect respiratory health. CCR Title 24 Part 6 requires a particle size efficiency rating equal to or greater than 85 percent in the 1.0 to 0.3 micrometer (µm) range. The California Energy Commission (CEC) adopted the 2022 Energy Code on August 11, 2021, which was subsequently approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Title 24 standards will result in less energy use, thereby reducing air pollutant emissions associated with energy consumption across California. For example, the 2022 Title 24 standards will require efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, and strengthens ventilation standards.

CalEnviroScreen

OEHHA has developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially

vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the Project site is located within Census Tract 6085502702, which is within the 34th percentile.[6] It should be noted that the CalEnviroScreen scores are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

Senate Bill 535

Senate Bill (SB) 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the closest SB 535 designated disadvantaged community is located approximately six miles northeast of the Project site (Census Tract 6085503122).[7] SB 535 does not include project specific requirements or prohibit developments in proximity to the designated communities.

3.3 Regional

Bay Area Air Quality Management District

The BAAQMD is the regional agency tasked with managing air quality in the region and has regulated TACs since the 1980s. The CCAA provides the BAAQMD with the authority to manage transportation activities as indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution.

Under BAAQMD Regulation 2-1 (General Permit Requirements), Regulation 2-2 (New Source Review), and Regulation 2-5 (New Source Review), all nonexempt sources that possess the potential to emit TACs are required to obtain permits from BAAQMD. Permits may be granted to these operations if they are constructed and operated in accordance with applicable regulations, including new source review standards and air toxics control measures. The BAAQMD limits emissions and public exposure to TACs through a number of programs. Section 301 of Regulation 2, Rule 2, requires Best Available Control Technology (BACT) and is triggered for any new or modified source with the potential to emit specific levels of pollutants. The BAAQMD prioritizes TAC-emitting stationary sources for regulation based on the quantity and toxicity of the TAC emissions and the proximity of the facilities to sensitive receptors.

The BAAQMD has published California Environmental Quality Act (CEQA) Air Quality Guidelines that are used in this assessment to evaluate health risk impacts of projects.

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[6] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0*, https://experience.arcgis.com/experience/11d2f52282a54ceebcac7428e6184203/page/CalEnviroScreen-4_0/, accessed October 2023.

[7] California Office of Environmental Health Hazard Assessment, *SB 535 Disadvantaged Communities (2022 Update)*, https://oehha.ca.gov/calenviroscreen/sb535, accessed October 2023.

Community Air Risk Evaluation Program

The BAAQMD's Community Air Risk Evaluation (CARE) program estimates and reports both local and regional impacts of TACs in the Bay Area. The objective of the CARE Program is to reduce health impacts linked to local air quality. The goals of the CARE Program are to: (1) identify areas where air pollution contributes most to health impacts and where populations are most vulnerable to air pollution; (2) apply sound scientific methods and strategies to reduce health impacts in these areas; and (3) engage community groups and other agencies to develop additional actions to reduce local health impacts. Information from the CARE program is used by the BAAQMD to design and focus effective mitigation measures in areas with highest impacts.

3.4 Local

San José General Plan

MS-10.1: Assess projected air emissions from new development in conformance with the BAAQMD CEQA Guidelines and relative to state and federal standards. Identify and implement feasible air emission reduction measures.

MS-10.2: Consider the cumulative air quality impacts from proposed developments for proposed land use designation changes and new development, consistent with the region's Clean Air Plan and State law.

MS-10.4: Encourage effective regulation of mobile and stationary sources of air pollution, both inside and outside of San José. In particular, support Federal and State regulations to improve automobile emission controls.

MS-11.1: Require completion of air quality modeling for sensitive land uses such as new residential developments that are located near sources of pollution such a freeways and industrial uses. Require new residential development projects and projects categorized as sensitive receptors to incorporate effective mitigation into project designs or be located an adequate distance from sources of TACs to avoid significant risks to health and safety.

MS-11.2 For projects that emit toxic air contaminants, require project proponents to prepare health risk assessments in accordance with BAAQMD-recommended procedures as part of environmental review and employ effective mitigation to reduce possible health risks to a less than significant level. Alternatively, require new projects (such as, but not limited to, industrial, manufacturing, and processing facilities) that are sources of TACs to be located an adequate distance from residential areas and other sensitive receptors.

MS-11.5: Encourage the use of pollution absorbing trees and vegetation in buffer areas between substantial sources of TACs and sensitive land uses.

MS-11.6: Develop and adopt a comprehensive Community Risk Reduction Plan that includes: baseline inventory of TACs and particulate matter less than 2.5 microns ($PM_{2.5}$), emissions from all sources, emissions reduction targets, and enforceable emission reduction strategies and performance measures. The Community Risk Reduction Plan will include enforcement and monitoring tools to ensure regular review of progress toward the

emission reduction targets, progress reporting to the public and responsible agencies, and periodic updates of the plan, as appropriate.

MS-11.7: Consult with BAAQMD to identify stationary and mobile TAC sources and determine the need for and requirements of a HRA for proposed developments.

MS-11.8: For new projects that generate truck traffic, require signage which reminds drivers that the State truck idling law limits truck idling to five minutes.

MS-13.1: Include dust, particulate matter, and construction equipment exhaust control measures as conditions of approval for subdivision maps, site development and planned development permits, grading permits, and demolition permits. At minimum, conditions shall conform to construction mitigation measures recommended in the current BAAQMD CEQA Guidelines for the relevant project size and type.

MS-13.2 Construction and/or demolition projects that have the potential to disturb asbestos (from soil or building material) shall comply with all the requirements of the California Air Resources Board's air toxic control measures (ATCMs) for Construction, Grading, Quarrying, and Surface Mining Operations.

MS-13.4 Adopt and periodically update dust, particulate, and exhaust control standard measures for demolition and grading activities to include on project plans as conditions of approval based upon construction mitigation measures in the BAAQMD CEQA Guidelines.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. The BAAQMD publishes the CEQA Air Quality Guidelines, which were most recently updated in April 2022. The BAAQMD thresholds for air toxic emissions that are used for this project are shown below:

Individual Projects:

- **Excess (Incremental)_Cancer Risk:** Emit contaminants that result in a maximum individual cancer risk (MICR) greater than 10 in one million.
- **Non-Cancer Risk:** Emit contaminants that exceed the maximum hazard index of 1.0 in one million.
- **Ambient $PM_{2.5}$ Concentration:** Incremental increase in average annual $PM_{2.5}$ concentration greater than 0.3 µg/m^3

Cumulative Thresholds:

- **Excess Cancer Risk:** Emit contaminants that would contribute to cumulative emissions, resulting in an exceedance of the MICR of 100 in one million.
- **Non-Cancer Risk:** Emit contaminants that that would contribute to cumulative emissions, resulting in an exceedance of the maximum hazard index of 10.0 in one million.
- **Ambient $PM_{2.5}$ Concentration:** Incremental increase in average cumulative annual $PM_{2.5}$ concentration of greater than 0.8 µg/m^3

Cancer risk is expressed in terms of expected incremental incidence per million population. The BAAQMD has established an individual project incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these air toxics. To put this risk in perspective, the risk of dying from accidental drowning is 1,000 in one million which is 100 times more than the BAAQMD's threshold of 10 in one million.

The BAAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a hazard index (HI), expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A HI less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

The 2022 BAAQMD CEQA Air Quality Guidelines recommend assessing impacts within 1,000 feet of the project. The 1,000-foot radius is consistent with findings in CARB's Air Quality and Land Use Handbook (2005) and the California Health & Safety Code §42301.6 (Notice for Possible Source Near School). The

2005 CARB Air Quality and Land Use Handbook found that TAC concentrations are reduced substantially at a distance 1,000 feet downwind from sources such as freeways or large distribution centers.

4.2 Methodology

Construction Risk

Construction would generate DPM emissions from the use of off-road diesel equipment required for grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary TAC of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site potentially poses a health risk to nearby sensitive receptors. The closest sensitive receptors to the Project are residences to the east and southeast. The nearest school to the Project site is the Carlton Elementary School located approximately 0.20 miles (1,130 feet) south.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the Project site. Construction activities would limit idling to no more than five minutes pursuant to Section 2485 and Section 2449 of Title 13 of the California Code of Regulations, which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense period of construction, emissions of DPM would be generated from different locations on the Project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time. Construction emissions rates for $PM_{2.5}$ (DPM) were calculated from the CalEEMod construction emissions modeling conducted for the Project.

Three construction phases were modeled for the Project. Phase 1 of construction of the Project was modeled to begin March 2024 with a construction duration of approximately 68 months and would include 392,650 sf of demolition, including existing buildings and pavement. Phase 2 construction was modeled to being in December 2029 for a duration of 24 months and includes 603,600 sf of demolition. Phase 3 was modeled to being in January 2032 for a duration of 29 months and includes 218,000 of demolition. The construction schedules are shown in Table 2: Construction Schedule.

Table 2: Construction Schedule

Phase type	Start	End	Days
Phase 1			
Site Preparation	3/27/2024	4/23/2024	24
Demolition	4/24/2024	7/16/2024	72
Grading	7/17/2024	8/13/2024	24
Building Construction + Infrastructure Improvements	4/24/2024	12/25/2029	1776
Paving	4/21/2027	11/2/2027	168
Architectural Coating	1/26/2028	8/8/2028	168
Phase 2			
Site Preparation	12/26/2029	1/22/2030	24
Demolition	1/23/2030	6/10/2031	432
Grading	6/11/2031	7/8/2031	24
Building Construction + Infrastructure Improvements	1/23/2030	1/20/2032	624
Paving	10/1/2031	11/25/2031	48

Phase type	Start	End	Days
Architectural Coating	11/26/2031	1/20/2032	48
Phase 3			
Site Preparation	1/21/2032	2/17/2032	24
Demolition	2/18/2032	5/11/2032	72
Grading	5/12/2032	6/8/2032	24
Building Construction + Infrastructure Improvements	6/9/2032	11/21/2034	768
Paving	7/6/2023	12/20/2023	144
Architectural Coating	1/18/2034	7/4/2034	144
Source: Refer to Appendix A: Modeling Data.			

Additionally, Table 3: Grading Estimates provides the total material imported and exported during each phase of construction.

Table 3: Grading Estimates

Phase	Total Material Imported (cubic yards)	Total Material Exported (cubic yards)
Phase 1	10,000	40,000
Phase 2	70,000	1,000
Phase 3	5,000	21,000
Source: Refer to Appendix A: Modeling Data.		

As described above, $PM_{2.5}$ exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. AERMOD requires meteorological, traffic volumes, and vehicle emissions data. Meteorological data used in the HRA is discussed below. AERMOD provides concentrations in an isopleth to visually show the dispersion of the pollutant. All AERMOD assumptions, input data, and outputs are provided herein. Risk levels were calculated based on the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines* (February 2015).

Operational Risk

Mobile Sources. The Project is located near existing sensitive receptors. The Project is anticipated to generate a maximum of 262 daily trucks including 250 medium-heavy duty truck and 12 heavy-heavy duty trucks based on existing driveway counts[8] An emission rate for $PM_{2.5}$ (DPM) was calculated using trip data and an EMFAC model run for Santa Clara County; refer to Appendix A. EMFAC generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed and type. The model was run for medium-duty and heavy-duty diesel vehicles traveling along off-site roads, adjacent to the Project site, and idling at the proposed loading area. The analysis includes on-street idling and truck traffic on the following roadways and vehicle speeds:

- Samaritan Drive (35 miles per hour)
- Los Gatos Boulevard (35 miles per hour)
- On-Street Truck Movement (15 miles per hour)
- On-Street Idling (idle)

[8] Existing driveway count data was collected on November 8th, 2022, by Kimley-Horn.

Idling emissions assumed 15 minutes of idling[9] for each truck. The emissions rates were calculated using 2029 emissions factors; refer to Appendix A. This approach is conservative as it assumes no cleaner technology in future years.

Emergency Backup Generators, Boilers, and Water Heaters. Four diesel emergency backup generators, four natural gas boilers, and nine natural gas water heaters were included in the modeling. Emission factors from the South Coast Air Quality Management District *AB 2588 Quadrennial Air Toxics Emissions Inventory Reporting Procedures, Annual Emissions Reporting Program* (June 2020) were used for natural gas combustion associated with the boilers and hot water heater operations as this data is not provided by BAAQMD and is not geographically dependent. Generator emissions were derived from CARB OFFROAD emissions data.

Backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, testing and maintenance emissions associated with four backup generators were included to be conservative. If backup generators are required, the end user would be required to obtain a permit from the BAAQMD and include the Best Available Control Technology (BACT) prior to installation.

Dispersion Modeling

The air dispersion modeling for the operational risk assessment was performed using U.S. EPA AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. AERMOD regulatory defaults, the "Urban" modeling option for the County, and "Elevated" terrain were used for this analysis. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. Surface and upper air meteorological data is provided by BAAQMD. Surface and upper air meteorological data from the San José International Airport Monitoring Station was selected as being the most representative for meteorology based on proximity to the Project site.

AERMOD was run to obtain the period (i.e., annual) average concentration in micrograms per cubic meter ($\mu g/m^3$) at the surrounding sensitive receptors as well as workers, students, and on-site patient and worker receptors. The period (annual) average concentrations were used to calculate the MICR, the maximum chronic hazard index (HI), as well as peak hourly concentrations to calculate the health impact from substances with acute non-cancer health effects. To achieve these goals, a receptor grid was placed over the Project site to cover the zone of impact. Due to the size of the Project site, nearby sensitive receptors were modeled with a 35-meter grid spacing. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. The modeling and analysis was prepared in accordance with the BAAQMD Modeling Guidance for AERMOD.[10]

The emission sources in the model are line volume sources (comprised of smaller adjacent volume sources) for construction and truck operations. Construction line volume sources were assigned a release

[9] An idling time of 15 minutes per truck has been used per BAAQMD recommendations. Although the Project is required to comply with CARB's idling limit of 5 minutes, the BAAQMD recommends the on-site idling emissions should be estimated for 15 minutes of truck idling, which would take into account on-site idling that occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

[10] Bay Area Air Quality Management District, *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*, December 2021.

height of 11.2 feet (3.40 meters). Operational sources include the loading dock idling area and off-site truck routes. Medium and heavy-duty operational vehicle emissions were assigned a release height of 10 feet (3.15 meters), a plume height of 20.6 feet (6.29 meters). A release height of 12 feet is the average stack height for trucks and the plume height is based on U.S. EPA guidance for vehicle volume sources. Four backup generators were modeled as point sources. The point source was assigned a release height of 16.4 feet (5 meters) for the generators. The boilers and water heaters were modeled as an area source. The area source was assigned a release height of 12 feet (3.60 meters).

The cancer risk calculations were based on applying age sensitivity weighting factors for each emissions period modeled. Age-sensitivity factors reflect the greater sensitivity of infants and small children to cancer causing TACs. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the proposed Project was assessed. Risk levels were calculated according to the OEHHA guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines* (February 2015).

Note that the concentration estimate developed using this methodology is conservative and is not a specific prediction of the actual concentrations that would occur at or near the Project site at any one point in time. Receptors are often indoors and not in one location over the course of a lifetime exposure. Therefore, risk levels identified in this report represent a worst-case scenario. Actual annual average concentrations are dependent on many variables, particularly the number and type of vehicles and equipment operating at specific distances during time periods of adverse meteorology. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the Project was assessed (i.e., the maximally exposed individuals [MEI] identified in Section 5, below).

Risk and Hazard Assessment

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM are calculated by multiplying the daily inhalation dose, cancer potency factor (CPF), age sensitivity factor (ASF), frequency of time spent at home, and ED divided by averaging time (AT), yielding the excess cancer risk. These factors are discussed in more detail below. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency (EF), and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Where:

Dose-air	=	dose through inhalation (mg/kg/day)
C_{air}	=	air concentration (µg/m^3) from air dispersion model
(BR/BW)	=	daily breathing rate normalized to body weight (L/kg bodyweight-day)
A	=	inhalation absorption factor (unitless)
EF	=	exposure frequency (approximately 350 days per year for residential)
10^{-6}	=	conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends a default ASF presented in Table 4: Default Age Sensitivity Factors, Fraction of Time at Home, and Daily Breathing Rates. Fraction of time at home (FAH) during the day is used to adjust ED and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home. OEHHA recommends the FAH values presented in Table 4.

Table 4: Default Age Sensitivity Factors, Fraction of Time at Home, and Daily Breathing Rates

Age	Exposure Frequency (days/year)	Exposure Duration (years)	Age Sensitivity Factor[1] (ASF)	Fraction of Time at Home (FAH)	Daily Breathing Rate[2] (L/kg BW-day)
Residential					
Third trimester	350	0.25	10	85%	361
0 to 2 years	350	2	10	85%	1,090
Ages 2 through 8 years	350	7	3	72%	631
Ages 9 through 15 years	350	7	3	72%	572
Ages 16 and greater	350	14	1	73%	261
Worker[3]	250	25	1	N/A	230
Student[3]	180	9	3	N/A	640

1. Accounts for potential increased sensitivity to carcinogens during childhood.
2. 95th percentile daily breathing rate normalized to body weight (L/kg body weight-day) (95th percentile for less than two years old and 80th percentile for two years old and greater).
3. Worker and Student breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015.

To estimate the cancer risk, the dose is multiplied by the CPF, the ASF, the ED divided by AT, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}res} = (Dose_{air} * CPF * ASF * (ED/AT) * FAH)$$

Where:

$Risk_{inh\text{-}res}$	=	residential inhalation cancer risk (potential chances per million)
$Dose_{air}$	=	daily dose through inhalation (mg/kg-day)
CPF	=	inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF	=	age sensitivity factor for a specified age group (unitless)
ED	=	exposure duration (in years) for a specified age group
AT	=	averaging time of lifetime cancer risk (years)
FAH	=	Fraction of time spent at home (unitless)

Chronic Non-Cancer Hazard. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system. The following equation was used to determine the non-cancer risk:

$$Hazard\ Index = C_i/REL_i$$

Where:

Ci	=	Concentration in the air of substance i (annual average concentration in $\mu g/m^3$)
RELi	=	Chronic noncancer Reference Exposure Level for substance i ($\mu g/m^3$)

Acute Non-Cancer Hazard. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. The equation is as follows:

$$\text{Acute HQ} = \text{Maximum Hourly Air Concentration } (\mu g/m^3) / \text{Acute REL } (\mu g/m^3)$$

Health Risk Computation. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario using the approach and the daily breathing rates, age sensitivity factors, exposure duration, and fraction of time at home described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015). Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer health risks to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the on-site mechanical equipment and diesel trucks accessing the proposed Project. The cancer and chronic health risks are based on the annual average concentration of $PM_{2.5}$ (used as a proxy for DPM). As noted above, the acute, chronic, and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual (2015).

5 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project includes construction activities and operational sources near sensitive receptors (i.e., within the BAAQMD 1,000-foot zone of influence) an analysis of health risk impacts from TACs was performed for both construction and operations.

Carcinogenic Risk

Construction-related activities would result in Project-generated emissions of DPM from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g. demolition, clearing, grading); paving; application of architectural coatings; on-road truck travel; and other miscellaneous activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors.

Table 5: Carcinogenic Risk Assessment shows the health risk for the following scenarios: construction, operation, and combined construction and operation of the Project. Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester. Operations would commence following construction of each phase. The analysis calculates risk based on exposure to construction concentrations during the first 10 years of the exposure duration and operational concentrations for the remainder of the exposure duration.

The reported annual pollutant concentrations in Table 5 are at the closest maximally exposed individual (MEI) at the residential receptors to the east of the Project site, the on-site patient and worker receptor at the existing hospital building, and the worker receptors to the west of the Project site. As shown in Table 5, the unmitigated construction risk at residential and on-site patient receptors would be 17 and 15 in one million, respectively. The unmitigated construction risk at the on-site worker and off-site worker receptors would be five in one million, respectively. Additionally, the unmitigated operational cancer risk at residential and on-site patient receptors would be three and four in one million, respectively. The operational risk at the on-site worker receptor would be three in one million and four in one million at the off-site worker receptor.

The unmitigated combined construction and operational cancer risk at the on-site worker receptor would be seven in one million and nine in one million at the off-site worker receptor. Further, the unmitigated combined construction and operational cancer risk at residential and on-site patient receptors would be 20 and 19 in one million, respectively. Therefore, the maximum unmitigated construction cancer risk and unmitigated combined construction and operational cancer risk would exceed the BAAQMD threshold of 10 in one million. The Project would implement Mitigation Measure HRA-1 to reduce cancer risk. Mitigation Measure HRA-1 requires the use of construction equipment that would meet CARB Tier 4 Final emissions standards in order to reduce diesel exhaust construction emissions. Implementation of Mitigation Measure HRA-1 would reduce cancer risk from Project construction to below the BAAQMD's 10 in one million threshold; refer to Table 5. Therefore, the Project's cancer risk would not exceed the BAAQMD's 10 in one million threshold and impacts associated with carcinogenic risk would be less than significant with mitigation.

Table 5: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Unmitigated			
Construction			
Residential Receptor	16.89	10	**Yes**
On-Site Patient Receptor	15.09	10	**Yes**
On-Site Worker Receptor[2]	4.91	10	No
Off-Site Worker Receptor[2]	5.03	10	No
Operations			
Residential Receptor	3.15	10	No
On-Site Patient Receptor	4.07	10	No
On-Site Worker Receptor[2]	2.49	10	No
Off-Site Worker Receptor[2]	4.03	10	No
Combined Construction + Operations			
Residential Receptor	20.05	10	**Yes**
On-Site Patient Receptor	19.16	10	**Yes**
On-Site Worker Receptor[2]	7.40	10	No
Off-Site Worker Receptor[2]	9.05	10	No
Mitigated[3]			
Construction			
Residential Receptor	3.49	10	No
On-Site Patient Receptor	3.52	10	No
On-Site Worker Receptor[2]	0.89	10	No
Off-Site Worker Receptor[2]	0.87	10	No
Combined Construction + Operations			
Residential Receptor	6.64	10	No
On-Site Patient Receptor	7.59	10	No
On-Site Worker Receptor[2]	3.38	10	No
Off-Site Worker Receptor[2]	4.90	10	No

1. The reported annual pollutant concentration is at the closest maximally exposed individual (MEI) to the Project site.
2. CCR Title 24 Part 6 requires new development (i.e., the Project) to use MERV 13 air filtration on space conditioning systems and ventilation systems that provide outside air to the occupiable space of a room. A MERV 13 filter has a particle removal efficiency in the range of 80-90 percent. An 80 percent removal efficiency was conservatively used for the purposes of this study.
3. The mitigated exposure scenario accounts for implementation of Mitigation Measure HRA-1 which requires all heavy-duty off-road construction equipment to meet CARB Tier 4 Final. This would reduce construction risk levels below BAAQMD thresholds. No mitigation would be required for operations.

Source: Refer to Appendix A: Modeling Data.

As described above, worst-case construction risk levels based on AERMOD and conservative assumptions would be below the BAAQMD's thresholds for construction with Mitigation Measure HRA-1. Therefore, construction risk levels would be less than significant with implementation of the identified mitigation measure.

Mitigation Measures:

HRA-1 All construction equipment must meet the standards set forth below.

- All diesel-powered off-road equipment, larger than 25 horsepower, operating on the site for more than two days continuously shall meet Tier 4 Final U.S. Environmental Protection Agency (EPA) particulate matter emissions standards.
- If Tier 4 Final equipment are not available, other measures may include the use of added exhaust devices, alternatively fueled equipment, or a combination of

measures, provided that these measures demonstrate reduction in community risk impacts to a less than significant level, are verified by an air quality specialist, and approved by the City.

- The construction operations plan prepared by the construction contractor shall outline how the contractor will achieve the measures outlined in this mitigation measure. The plan shall include, but not be limited to the following:
    - List of activities and estimated timing.
    - Equipment that would be used for each activity.
    - Manufacturer's specifications for each equipment that provides the emissions level; or the manufacturer's specifications for devices that would be added to each piece of equipment to ensure the emissions level meet the thresholds in the mitigation measure.
    - How the construction contractor would ensure that the measures listed are monitored.
    - How the construction contractor would remedy any exceedance of the thresholds.
    - How often and the method the construction contractor would use to report compliance with this mitigation measure.

Level of Significance: Less than significant with mitigation incorporated.

Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. RELs are designed to protect sensitive individuals within the population. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[11]

Chronic non-carcinogenic impacts are shown in Table 6: Chronic Hazard Assessment. A chronic hazard index of 1.0 is considered significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the MEIR. It should be noted that there is no acute REL for DPM and acute health risk cannot be calculated.

Table 6: Chronic Hazard Assessment

Exposure Scenario[2]	Chronic Hazard	Acute Hazard[1]
Unmitigated Construction		
Residential Receptor	0.0202	N/A
On-Site Patient Receptor	0.0474	N/A
On-Site Worker Receptor[2]	0.0422	N/A

[10] California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, available at https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary.

Exposure Scenario[2]	Chronic Hazard	Acute Hazard[1]
Off-Site Worker Receptor[2]	0.0380	N/A
Unmitigated Operation		
Residential Receptor	0.0009	0.0001
On-Site Patient Receptor	0.0019	<0.0001
On-Site Worker Receptor[2]	<0.0001	<0.0001
Off-Site Worker Receptor[2]	0.0067	<0.0001
BAAQMD Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**

1. DPM is the primary TAC occurring during construction. There is no acute REL for DPM and acute health risk cannot be calculated. The acute hazard would occur from natural gas boiler exhaust and is calculated using RELs from OEHHA.
2. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

Source: Refer to Appendix A: Modeling Data.

The highest maximum chronic hazard index associated with DPM emissions from unmitigated Project construction would be 0.02 at the residential receptor and 0.05 at the on-site patient receptor. The highest maximum chronic hazard index associated with DPM emissions from unmitigated Project construction would be 0.04 at the on-site worker receptor and 0.04 at the off-site worker receptors. Additionally, the highest maximum chronic hazard index associated with DPM emissions from unmitigated Project operations would be 0.001 at the residential receptor, 0.002 at the on-site patient receptor, <0.0001 at the on-site worker receptor, and 0.007 at the off-site worker receptor. Therefore, unmitigated construction and operational non-carcinogenic hazards would not exceed the acceptable limits of 1.0 and impacts would be less than significant. Additionally, Mitigation Measure HRA-1 would further reduce chronic non-carcinogenic impacts by requiring all construction equipment to meet CARB Tier 4 Final emissions standards.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Cumulative Health Impacts

Cumulative impacts are defined as two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. CEQA Guidelines 15065(a)(3) states "… 'Cumulatively considerable' means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects."

Mobile and stationary sources within a 1,000-foot radius of the Project site were reviewed using BAAQMD's Stationary Source Screening Analysis Tools. One stationary source is located within a 1,000-foot radius of the project site. As shown in Table 7: Cumulative Operational Health Risk, cumulative impacts related to cancer risk and hazard would be less than significant and within acceptable limits.

Table 7: Cumulative Operational Health Risk

Emissions Sources	$PM_{2.5}$ (µg/m³)	Cancer Risk (per million)	Hazard
Project Emissions	0.005	3.15	0.02

Emissions Sources	$PM_{2.5}$ (µg/m³)	Cancer Risk (per million)	Hazard
Stationary Sources[2]			
California Skin Institute	0.00	0.05	0.00
Major Street Sources[1]	0.08	3.64	0.32
Highway Sources[1]	0.37	10.85	1.48
Railway Sources[1]	0.00	0.11	0.00
Cumulative Health Risk Values	**0.46**	**17.80**	**1.82**
BAAQMD Cumulative Threshold	*0.8*	*100*	*10*
Threshold Exceeded?	**No**	**No**	**No**

1. BAAQMD GIS data.
2. Good Samaritan Emergency Room is listed as an existing stationary source within BAAQMD's Stationary Source Data Inventory. However, this source will be demolished in Phase 1 of Project construction and is therefore not included in this analysis.

Source: BAAQMD's Stationary Source Data and GIS Mapping Tools, 2023.

Table 7 shows that cumulative impacts related to cancer risk and hazard would be less than significant and within acceptable limits. Additionally, cumulative $PM_{2.5}$ concentrations at the residential MEI would not exceed the BAAQMD's cumulative threshold of 0.8 µg/m³, the primary contributor to those concentrations is the existing highway sources near the Project area. The existing highway sources have a high $PM_{2.5}$ concentration (0.37 µg/m³). The highway sources represent approximately 80 percent of the total concentrations and are unrelated to the Project. The Project represents less than one percent of total cumulative $PM_{2.5}$ in the Project area.

The Project and the cumulative projects total $PM_{2.5}$ concentrations and cancer risk would not exceed BAAQMD cumulative thresholds. Therefore, the combined effects from both the proposed Project and related projects would not be cumulatively significant. The Project is also below the BAAQMD's incremental health risk thresholds with the implementation of Mitigation Measure HRA-1. Therefore, the incremental effect of the individual Project is also less than cumulatively considerable.[12] As the related cumulative TAC sources in the Project area do not exceed BAAQMD cumulative thresholds for cancer risk and the Project does not exceed the BAAQMD's incremental thresholds, impacts would not be cumulatively significant. Therefore, the project would have a less than cumulatively considerable contribution to less than significant cumulative health risk impacts.

Mitigation Measures: Refer to Mitigation Measure HRA-1.

Level of Significance: Less than significant and less than cumulatively considerable impacts.

Conclusion

As described above, impacts related to incremental excess cancer risk would be less than significant with implementation of Mitigation Measure HRA-1. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. Project and related project total $PM_{2.5}$ concentrations, cancer risk, chronic hazard, and acute hazard would not exceed BAAQMD cumulative thresholds. The Project's would not make a cumulatively considerable contribution to significant cumulative health risk.

[12] CEQA case law has held that any additional emissions in an impacted area does not necessarily create a significant cumulative impact, finding that "the 'one [additional] molecule rule' is not the law" (Communities for a Better Environment v. California Resources Agency (2002) 103 Cal. App. 4th 98, 120).

Mitigation Measures: Refer to Mitigation Measure HRA-1.

Level of Significance: Less than significant and less than cumulatively considerable impacts.

6 REFERENCES

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19. United States Environmental Protection Agency, *Exposure Factors Handbook: 2011 Edition*, September 2011.

Appendix A

Modeling Data

CONSTRUCTION

		2024		**Days**	**Vendor**	**Hauling**	**Vendor**	**Hauling**											
	Demo	4/24/2024	7/16/2024	60	0	4	0	265	Phase I										
	Site Prep	3/27/2024	4/18/2024	17	0	221	0	3749	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**Total**	**# Mons**	
	Grading	7/17/2024	8/13/2024	20	152	0	3030	0	277	261	261	401	400	261	1861	68	5.66666667
1	Building	4/24/2024	12/31/2024	180	152	0	27270	0									
		2025							Phase II								
	Building	1/1/2025	12/31/2025	261	152	0	39542	0	**2029**	**2030**	**2031**	**2032**	**Total**	**# Mons**			
		2026							4	506	462	28	1000	24			
	Building	1/1/2026	12/31/2026	261	152	0	39542	0	Phase III								
		2027							**2032**	**2033**	**2034**	**Total**	**# Mons**				
	Building	1/1/2027	12/31/2027	261	151	0	39437	0	**368**	**260**	**352**	980	29	2.416666667			
	Paving	4/21/2027	11/2/2027	140	0	0	0	0									
		2028															
	Building	1/1/2028	12/31/2028	260	152	0	39390	0									
	Coating	1/26/2028	8/8/2028	140	0	0	0	0									
		2029															
	Building	1/1/2029	12/25/2029	257	152	0	38936	0									
	Site Prep (II)	12/26/2029	12/31/2029	4	0	151	0	604									
		2030															
	Site Prep (II)	1/1/2030	1/22/2030	16	0	151	0	2416									
	Demo (II)	1/23/2030	12/31/2030	245	0	9	0	2205									
	Building (II)	1/23/2030	12/31/2030	245	0	0	0	0									
		2031															
	Demo (II)	1/1/2031	6/10/2031	115	0	9	0	1035									
	Grading (II)	6/11/2031	7/8/2031	20	0	370	0	7400									
	Paving (II)	10/1/2031	11/25/2031	40	0	0	0	0									
	Building (II)	1/1/2031	12/31/2031	261	0	0	0	0									
	Coating (II)	11/26/2031	12/31/2031	26	0	0	0	0									
		2032															
	Building (II)	1/1/2032	1/20/2032	14	0	0	0	0									
	Coating (II)	1/1/2032	1/20/2032	14	0	0	0	0									
	Site Prep (III)	1/21/2032	2/17/2032	20	0	132	0	2640									
	Demo (III)	2/18/2032	5/11/2032	60	0	0	0	0									
	Grading (III)	5/12/2032	6/8/2032	20	0	135	0	2700									
	Building (III)	6/9/2032	12/31/2032	148	136	0	20063	0									
	Paving (III)	7/6/2032	12/20/2032	120	0	0	0	0									
		2033															
	Building (III)	1/1/2033	12/31/2033	260	136	0	35246	0									
		2034															
	Building (III)	1/1/2034	11/21/2034	232	136	0	31552	0									
	Coating (III)	1/18/2034	7/4/2034	120	0	0	0	0									

Construction Duration (days)

On-Site Construction PM2.5 Exhaust (tons/yr)

Year	**Phase**	**Unmitigated**	**Mitigated**
	Phase I		
2024	Demo	3.51E-02	2.28E-03
2024	Site Prep	1.77E-02	1.20E-03
2024	Grading	1.60E-02	1.49E-03
2024	Building	5.04E-02	8.90E-03
	Total 2024	**1.19E-01**	**1.39E-02**
2025	Building	6.36E-02	1.28E-02
	Total 2025	**6.36E-02**	**1.28E-02**
2026	Building	5.59E-02	1.27E-02
	Total 2026	**5.59E-02**	**1.27E-02**
2027	Building	4.99E-02	1.27E-02
2027	Paving	2.30E-02	2.36E-03
	Total 2027	**7.29E-02**	**1.50E-02**
2028	Building	4.47E-02	1.27E-02
2028	Coating	1.19E-03	1.97E-04
	Total 2028	**4.59E-02**	**1.29E-02**
2029	Building	4.04E-02	1.24E-02
	Total 2029	**4.04E-02**	**1.24E-02**
	Phase II		
2029	Site Prep	2.57E-03	2.56E-04
	Total 2029	**2.57E-03**	**2.56E-04**
2030	Site Prep	9.25E-03	9.39E-04
2030	Demo	9.71E-02	9.30E-03
2030	Building	3.52E-02	1.05E-02
	Total	**1.42E-01**	**2.07E-02**

Off-Site Construction PM2.5 Exhaust (tons/yr)

Year	**Phase**	**Unmitigated**	**Mitigated**
	Phase I		
2024	Demo	1.40E-04	1.40E-04
2024	Site Prep	2.33E-03	2.33E-03
2024	Grading	2.76E-03	2.76E-03
2024	Building	6.06E-03	6.06E-03
	Total 2024	**1.13E-02**	**1.13E-02**
2025	Building	8.78E-03	8.78E-03
	Total 2025	**8.78E-03**	**8.78E-03**
2026	Building	8.78E-03	8.78E-03
	Total 2026	**8.78E-03**	**8.78E-03**
2027	Building	8.78E-03	8.78E-03
2027	Paving	0.00E+00	0.00E+00
	Total 2027	**8.78E-03**	**8.78E-03**
2028	Building	4.40E-03	4.40E-03
2028	Coating	0.00E+00	0.00E+00
	Total 2028	**4.40E-03**	**4.40E-03**
2029	Building	4.32E-03	4.32E-03
	Total 2029	**4.32E-03**	**4.32E-03**
	Phase II		
2029	Site Prep	3.43E-04	3.43E-04
	Total 2029	**3.43E-04**	**3.43E-04**
2030	Site Prep	1.26E-03	1.26E-03
2030	Demo	1.22E-03	1.22E-03
2030	Building	0.00E+00	0.00E+00
	Total	**2.48E-03**	**2.48E-03**

2031	Demo		4.44E-02	4.37E-03	2031	Demo		5.73E-04	5.73E-04
2031	Grading		5.49E-03	6.65E-04	2031	Grading		3.91E-03	3.91E-03
2031	Building		3.50E-02	1.11E-02	2031	Building		0.00E+00	0.00E+00
2031	Paving		3.90E-03	1.10E-03	2031	Paving		0.00E+00	0.00E+00
2031	Coating		1.34E-04	3.62E-05	2031	Coating		0.00E+00	0.00E+00
		Total	**8.89E-02**	**1.73E-02**			Total	**4.49E-03**	**4.49E-03**
2032	Building		1.77E-03	6.06E-04	2032	Building		**0.00E+00**	**0.00E+00**
2032	Coating		1.11E-04	3.02E-05	2032	Coating		**0.00E+00**	**0.00E+00**
		Total	**1.88E-03**	**6.37E-04**			Total	**0.00E+00**	**0.00E+00**
		Phase III					**Phase III**		
2032	Site Prep		1.02E-02	1.20E-03	2032	Site Prep		1.39E-03	1.39E-03
2032	Demo		2.04E-02	2.28E-03	2032	Demo		0.00E+00	0.00E+00
2032	Grading		8.73E-03	1.49E-03	2032	Grading		1.43E-03	1.43E-03
2032	Building		1.82E-02	6.25E-03	2032	Building		2.22E-03	2.22E-03
2032	Paving		1.32E-02	2.03E-03	2032	Paving		0.00E+00	0.00E+00
		Total	**7.07E-02**	**1.32E-02**			**Total**	**5.04E-03**	**5.04E-03**
2033	Building		2.93E-02	1.10E-02	2033	Building		3.93E-03	3.93E-03
		Total	**2.93E-02**	**1.10E-02**			**Total**	**3.93E-03**	**3.93E-03**
2034	Building		2.46E-02	9.82E-03	2034	Building		3.50E-03	3.50E-03
2034	Coating		4.11E-04	1.69E-04	2034	Coating		0.00E+00	0.00E+00
		Total	**2.51E-02**	**9.99E-03**			**Total**	**3.50E-03**	**3.50E-03**

Construction

Group: ONSITE

PM2.5 Exhaust Onsite

	Unmitigated					**Mitgated**			
Year	**Unmitigated Tons/Year**	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**	**Tons/Year**	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
					Phase I			
2024	1.19E-01	1.36E-02	**6.73E-03**	1	1.39E-02	1.58E-03	**1.35E-03**	1
2025	6.36E-02	7.67E-03			1.28E-02	1.55E-03		
2026	5.59E-02	6.75E-03			1.27E-02	1.54E-03		
2027	7.29E-02	5.73E-03			1.50E-02	1.18E-03		
2028	4.59E-02	3.62E-03			1.29E-02	1.01E-03		
2029	4.04E-02	4.88E-03			1.24E-02	1.49E-03		
					Phase II			
2029	2.57E-03	2.03E-02	**7.40E-03**	1	2.56E-04	2.02E-03	**1.22E-03**	1
2030	1.42E-01	8.81E-03			2.07E-02	1.29E-03		
2031	8.89E-02	6.06E-03			1.73E-02	1.18E-03		
2032	1.88E-03	2.11E-03			6.37E-04	7.16E-04		
					Phase III			
2032	7.07E-02	6.05E-03	**4.02E-03**	1	1.32E-02	1.13E-03	**1.10E-03**	1
2033	2.93E-02	3.55E-03			1.10E-02	1.34E-03		
2034	2.51E-02	2.24E-03			9.99E-03	8.94E-04		

Group: OFFSITE

	Trips		**Miles**		
Year	**Vendor**	**Hauling**	**Vendor**	**Hauling**	**Weighted Trip length**
			Phase I		
2024	30300	4013	**8.4**	**20**	9.76
2025	39542	0	**8.4**	**20**	8.40
2026	39542	0	**8.4**	**20**	8.40
2027	39437	0	**8.4**	**20**	8.40
2028	39390	0	**8.4**	**20**	8.40
2029	38936	0	**8.4**	**20**	8.40
			Phase II		
2029	0	604	**8.4**	**20**	20.00
2030	0	4621	**8.4**	**20**	20.00
2031	0	8435	**8.4**	**20**	20.00
2032	0	0	**8.4**	**20**	8.40
			Phase III		
2032	20063	5340	**8.4**	**20**	10.84
2033	35246	0	**8.4**	**20**	8.40
2034	31552	0	**8.4**	**20**	8.40

PM2.5 Exhaust Off-Site

	Unmitigated					**Mitigated**		
	Tons/Year	**g/s**	**g/s per mile**	**Weighted Average Off-Site Rate**	**Tons/Year**	**g/s**	**g/s per mile**	**Weighted Average Off-Site Rate**
					Phase I			
2024	0.0113	1.28E-03	1.32E-04	9.02E-05	1.13E-02	1.28E-03	1.32E-04	9.02E-05
2025	8.78E-03	1.06E-03	1.26E-04		8.78E-03	1.06E-03	1.26E-04	
2026	8.78E-03	1.06E-03	1.26E-04		8.78E-03	1.06E-03	1.26E-04	
2027	8.78E-03	6.89E-04	8.21E-05		8.78E-03	6.89E-04	8.21E-05	
2028	4.40E-03	3.46E-04	4.12E-05		4.40E-03	3.46E-04	4.12E-05	
2029	4.32E-03	5.21E-04	6.20E-05		4.32E-03	5.21E-04	6.20E-05	
					Phase II			
2029	3.43E-04	2.70E-03	1.35E-04	1.15E-05	3.43E-04	2.70E-03	0.000135	1.15E-05
2030	2.48E-03	1.54E-04	7.71E-06		2.48E-03	1.54E-04	0.000008	
2031	4.49E-03	3.06E-04	1.53E-05		4.49E-03	3.06E-04	0.000015	
2032	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.000000	

				Phase III				
2032	5.04E-03	4.32E-04	3.98E-05	4.34E-05	5.04E-03	4.32E-04	3.98E-05	4.34E-05
2033	3.93E-03	4.76E-04	5.66E-05		3.93E-03	4.76E-04	5.66E-05	
2034	3.50E-03	3.13E-04	0.000037		3.50E-03	3.13E-04	3.73E-05	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)	Emissions (g/sec per mile)	Emission Rate (g/sec)
				Unmitigated		Mitigated	
			Phase I				
Los Gatos	**35**	**391**	0.24	9.02E-05	0.000021914	9.02E-05	2.19E-05
Samaritan	**35**	**1017**	0.63	9.02E-05	0.000057000	9.02E-05	5.70E-05
			Phase II				
Los Gatos	**35**	**391**	0.24	1.15E-05	2.80E-06	1.15E-05	2.80E-06
Samaritan	**35**	**1017**	0.63	1.15E-05	7.27E-06	1.15E-05	7.27E-06
			Phase III				
Los Gatos	**35**	**391**	0.24	4.34E-05	1.05E-05	4.34E-05	1.05E-05
Samaritan	**35**	**1017**	0.63	4.34E-05	2.74E-05	4.34E-05	2.74E-05

OPERATIONS

	Truck Route Emissions	Speed (mph)	Trips (veh/day)	Truck Emission Factor (g/mi)	TRU Emission Factor (g/hr)	Length (meters)	Length (mi/veh)	Truck Emissions (g/day)	TRU Emissions (g/day)	Emission Rate (g/sec)
Group: Onsite	Onsite	15	262	0.00023	1.01844	1079.5	0.67	3.97E-02	11.91	1.38E-04

	OFFSITE	Speed (mph)	Trips (veh/day)	Truck Emission Factor (g/mi)	TRU Emission Factor (g/hr)	Length (meters)	Length (mi/veh)	Emissions (g/day)	TRU Emissions (g/day)	Emission Rate (g/sec)	AERMOD Unitized Emissions Rate (g/s)
Group: Offsite	Los Gatos	35	262	0.00028	1.01844	391	0.24	1.78E-02	1.849	2.16E-05	0.28
	Samaritan	35	262	0.00028	1.01844	1017	0.63	4.64E-02	4.809	5.62E-05	0.72
										7.78E-05	1

Group: Idiling

Loading Dock Idling	Speed (mph)	Trips (veh/day)	Truck Emission Factor (g/mi)	TRU Emission Factor (g/hr)	Duration (hr/veh)	Truck Emissions (g/day)	TRU Emissions (g/day)	Idling Emissions Rate (g/sec)	AERMOD Unitized Emissions Rate (g/s)
Hospital	Idle	262	9.19929E-06	1.01844	0.25	6.03E-04	66.70783415	7.72E-04	1.0000
		262						**7.72E-04**	**1.00E+00**

Unitized emission rates (1 g/s) were used for source groups in AERMOD.

Group: Generator

Generators	# of Generators	Emission factor (tons/yr)	Emission factor (g/sec)	AERMOD Unitized Emissions Rate (g/s)
CUP	3	0.009921	2.85E-04	0.7500
Building	1	0.003307	9.51E-05	0.2500
			3.81E-04	**1.00E+00**

Emergency Backup Generator Emissions Update

UNMITIGATED

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Standard Generator	Diesel	1	400	0.74	50	1	400	20,000

Emissions Rates (g/hp-hr)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Standard Warehouse	0.140	1.020	1.120	2.600	2.850	521.640	0.150	0.150	0.150	0.005	0.021

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

Emissions (pounds/day)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Standard Warehouse	0.12	0.90	0.99	2.29	2.51	460.01	0.13	0.13	0.13	0.00	0.00
Total	0.12	0.90	0.99	2.29	2.51	460.01	0.13	0.13	0.13	0.00	0.00

Emissions (tons/year)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Standard Warehouse	0.00	0.02	0.02	0.06	0.06	11.50	0.0033	0.00	0.00	0.00	0.00
Total	0.00	0.02	0.02	0.06	0.06	11.50	0.003	0.00	0.00	0.00	0.00

GHG Emissions (metric tons)	CO_2	CH_4	CO_2e
Project	10.43	0.00	10.43

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

	Project Mix	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)	40 mph (g/mi)	45 mph (g/mi)	50 mph (g/mi)	55 mph (g/mi)
HHDT (4+)	0.05	1.58556E-05	0.000162191	0.000213622	0.000301737	0.000421171	0.000609608	0.001216513
LHDT2 (2-axle)	0.00	7.78328E-06	0.000678819	0.000196578	0.000100186	8.63409E-05	0.00029845	0.000194692
MHDT (3-axle)	0.95	8.87914E-06	0.000229297	0.00028374	0.000226416	0.000131931	8.64703E-05	0.000114398
Weighted Rates		**9.19929E-06**	**0.000226217**	**0.000280522**	**0.000229873**	**0.000145204**	**0.000110477**	**0.000164973**

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Population	Total VMT	Trips	PM2.5_IDLEX	
Santa Clara (SF)	2029	HHDT	Aggregate	Aggregate	Gasoline	1.536793482	165.5765811	30.74816398	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	Aggregate	Diesel	9189.951296	1025176.229	135692.8403	0.0002541	2.335164604
Santa Clara (SF)	2029	HHDT	Aggregate	Aggregate	Electricity	389.0127245	40402.40662	4941.333984	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	Aggregate	Natural Gas	927.9372561	58000.86406	8218.381075	2.74429E-05	0.025465267
Santa Clara (SF)	2029	LHDT2	Aggregate	Aggregate	Gasoline	2481.214046	88578.37101	36966.39227	0	0
Santa Clara (SF)	2029	LHDT2	Aggregate	Aggregate	Diesel	5355.483243	199692.9236	67365.242	0.000158922	0.851103852
Santa Clara (SF)	2029	LHDT2	Aggregate	Aggregate	Electricity	378.3905008	21014.88648	5018.59348	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	Aggregate	Gasoline	1389.255963	71256.85313	27796.23331	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	Aggregate	Diesel	10773.70764	424561.2947	128772.1002	0.000137404	1.480350712
Santa Clara (SF)	2029	MHDT	Aggregate	Aggregate	Electricity	692.4864162	35786.02611	8941.882412	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	Aggregate	Natural Gas	130.9441283	5651.609381	1253.786787	2.83301E-06	0.000370966

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX	
Santa Clara (SF)	2029	HHDT	Aggregate	15	Gasoline	4.400557846	1.7825E-08	7.84401E-08
Santa Clara (SF)	2029	HHDT	Aggregate	15	Diesel	18467.69878	0.00019597	3.619123003
Santa Clara (SF)	2029	HHDT	Aggregate	15	Electricity	911.9002722	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	15	Natural Gas	3147.059067	1.11858E-05	0.03520224
Santa Clara (SF)	2029	LHDT2	Aggregate	15	Gasoline	15366.66282	2.68911E-05	0.413226718
Santa Clara (SF)	2029	LHDT2	Aggregate	15	Diesel	26939.67266	0.001128141	30.39174232
Santa Clara (SF)	2029	LHDT2	Aggregate	15	Electricity	3073.910473	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	15	Gasoline	2506.46987	8.01331E-06	0.020085111
Santa Clara (SF)	2029	MHDT	Aggregate	15	Diesel	21062.80956	0.000276928	5.83287793
Santa Clara (SF)	2029	MHDT	Aggregate	15	Electricity	1670.51825	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	15	Natural Gas	287.0884175	9.49909E-07	0.000272708

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX	
Santa Clara (SF)	2029	HHDT	Aggregate	35	Gasoline	9.161085907	1.23E-08	1.12681E-07
Santa Clara (SF)	2029	HHDT	Aggregate	35	Diesel	28910.46403	0.000250282	7.235760136
Santa Clara (SF)	2029	HHDT	Aggregate	35	Electricity	1449.827413	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	35	Natural Gas	3598.870785	5.72695E-06	0.020610548
Santa Clara (SF)	2029	LHDT2	Aggregate	35	Gasoline	4487.837946	4.00324E-06	0.01796589
Santa Clara (SF)	2029	LHDT2	Aggregate	35	Diesel	13268.66779	0.000280952	3.727855483
Santa Clara (SF)	2029	LHDT2	Aggregate	35	Electricity	1298.619505	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	35	Gasoline	4326.142769	4.58991E-06	0.0198566
Santa Clara (SF)	2029	MHDT	Aggregate	35	Diesel	64301.3198	0.000327022	21.02795956
Santa Clara (SF)	2029	MHDT	Aggregate	35	Electricity	4782.4763	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	35	Natural Gas	772.5856468	9.53735E-07	0.000736842

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX	
Santa Clara (SF)	2029	HHDT	Aggregate	40	Gasoline	9.125375297	1.06268E-08	9.69739E-08
Santa Clara (SF)	2029	HHDT	Aggregate	40	Diesel	34331.44557	0.000349441	11.99681853
Santa Clara (SF)	2029	HHDT	Aggregate	40	Electricity	1674.661172	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	40	Natural Gas	3808.74398	5.12863E-06	0.019533621
Santa Clara (SF)	2029	LHDT2	Aggregate	40	Gasoline	1204.160225	9.89103E-07	0.001191038
Santa Clara (SF)	2029	LHDT2	Aggregate	40	Diesel	6918.555496	0.000126107	0.872478009
Santa Clara (SF)	2029	LHDT2	Aggregate	40	Electricity	597.714219	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	40	Gasoline	4702.648631	4.32865E-06	0.020356103
Santa Clara (SF)	2029	MHDT	Aggregate	40	Diesel	51113.87177	0.000267321	13.6638097
Santa Clara (SF)	2029	MHDT	Aggregate	40	Electricity	3944.892996	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	40	Natural Gas	678.6151425	6.65703E-07	0.000451756

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX	
Santa Clara (SF)	2029	HHDT	Aggregate	45	Gasoline	9.463563027	1.00841E-08	9.54318E-08
Santa Clara (SF)	2029	HHDT	Aggregate	45	Diesel	37638.72866	0.000484258	18.22685933
Santa Clara (SF)	2029	HHDT	Aggregate	45	Electricity	1805.055567	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	45	Natural Gas	3866.510289	4.70148E-06	0.018178326
Santa Clara (SF)	2029	LHDT2	Aggregate	45	Gasoline	1336.22481	1.06253E-06	0.001419777
Santa Clara (SF)	2029	LHDT2	Aggregate	45	Diesel	6876.757382	0.000110493	0.759832899
Santa Clara (SF)	2029	LHDT2	Aggregate	45	Electricity	603.8446882	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	45	Gasoline	4331.818643	3.64929E-06	0.015808056
Santa Clara (SF)	2029	MHDT	Aggregate	45	Diesel	27623.2301	0.000165366	4.56793732
Santa Clara (SF)	2029	MHDT	Aggregate	45	Electricity	2340.12112	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	45	Natural Gas	449.6407939	3.71174E-07	0.000166895

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX	
Santa Clara (SF)	2029	HHDT	Aggregate	50	Gasoline	9.912692146	1.01963E-08	1.01072E-07
Santa Clara (SF)	2029	HHDT	Aggregate	50	Diesel	42827.41347	0.000695606	29.79100209
Santa Clara (SF)	2029	HHDT	Aggregate	50	Electricity	1980.204145	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	50	Natural Gas	4084.376958	4.89919E-06	0.020010146
Santa Clara (SF)	2029	LHDT2	Aggregate	50	Gasoline	11732.56101	9.52043E-06	0.11169899
Santa Clara (SF)	2029	LHDT2	Aggregate	50	Diesel	30069.84412	0.000441477	13.27514177
Santa Clara (SF)	2029	LHDT2	Aggregate	50	Electricity	3052.178855	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	50	Gasoline	4641.901944	3.77557E-06	0.017525836
Santa Clara (SF)	2029	MHDT	Aggregate	50	Diesel	16854.2797	0.000119158	2.008313947
Santa Clara (SF)	2029	MHDT	Aggregate	50	Electricity	1636.628617	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	50	Natural Gas	296.1047757	2.24299E-07	6.6416E-05

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX	
Santa Clara (SF)	2029	HHDT	Aggregate	55	Gasoline	16.70794032	1.75014E-08	2.92412E-07
Santa Clara (SF)	2029	HHDT	Aggregate	55	Diesel	64343.22905	0.001362134	87.64406815
Santa Clara (SF)	2029	HHDT	Aggregate	55	Electricity	2731.644988	0	0
Santa Clara (SF)	2029	HHDT	Aggregate	55	Natural Gas	4980.518482	6.53804E-06	0.032562809
Santa Clara (SF)	2029	LHDT2	Aggregate	55	Gasoline	3019.882634	2.62608E-06	0.007930459
Santa Clara (SF)	2029	LHDT2	Aggregate	55	Diesel	17401.27819	0.000244836	4.260466141
Santa Clara (SF)	2029	LHDT2	Aggregate	55	Electricity	1502.733863	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	55	Gasoline	7272.338027	6.0246E-06	0.043812902
Santa Clara (SF)	2029	MHDT	Aggregate	55	Diesel	19712.95625	0.000168598	3.323572927
Santa Clara (SF)	2029	MHDT	Aggregate	55	Electricity	2103.95521	0	0
Santa Clara (SF)	2029	MHDT	Aggregate	55	Natural Gas	347.2669159	2.72785E-07	9.47293E-05

	Units	MMBH per unit	Total MMBH
Condensing Boilers	5	5	25
Water Heaters	3	0.8	2.4
Water Heaters	6	0.6	3.6
Condensing Boilers	3	1	3
		Total:	34

1 MMBTU = 0.00096432 MMSCF
1 year = 8760 hours
1 hour = 3600 seconds

MBH = 1,000 BTU per hour
MMBH = 1 million BTU per hour
MMBTU = metric million British thermal unit
MMSCF = million standard cubic feet
CAS Number = Chemical Abstract Service Registry Number
PAH = Polycyclic Aromatic Hydrocarbons

Residential Receptors

	X, Y	Period	1HR	Risk	Chronic	Acute
1 Residences East	593727.59, 4123319.92	106.4443	1128.18752	1.413E-09	9.186E-05	0.0000753
2 Residences West	593527.59, 4123239.92	2.97383	467.12513	3.949E-11	2.566E-06	3.118E-05
3 Residences North	593767.59, 4123639.92	6.03372	381.50862	8.012E-11	5.207E-06	2.546E-05
4 OnSite	593447.59, 4123319.92	5.23802	437.05874	6.955E-11	4.521E-06	2.00003
5 School	593567.59, 4122919.92	0.7934	135.9025	1.053E-11	6.847E-07	9.070E-06

Worker Receptors

6 Worker South	593647.59, 4123199.92	6.15785	448.48854	8.373E-12	5.314E-06	0.000030
7 Worker West	593287.59, 4123439.92	6.28697	212.40274	8.549E-12	5.426E-06	1.418E-05
8 Onsite Worker	593407.59, 4123359.92	6.54955	371.85079	8.906E-12	5.652E-06	2.482E-05

Exposure/BR Factors

Age	BR/BW	A	days/ year	EF	ASF	ED	FAH	WAF
3rd	361	1	350	0.9589041	10	0.25	0.85	
0<2	1090	1	350	0.9589041	10	2	0.85	
2<9	631	1	350	0.9589041	3	7	0.72	
9<16	572	1	350	0.9589041	3	7	0.72	
16<30	261	1	350	0.9589041	1	13.75	0.73	
Worker	230	1	250	0.6849315	1	25	1	1
Student	640	1	180	0.4931507	3	9	1	

Residential DOSEair = (Cair*(BR/BW)*A*EF*10^{-6})

A	1	Inhalation absorption factor[2]
EF		Exposure frequency (days/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = DOSEair * CPF * ASF * ED/AT * FAH

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[1]

1 Receptor: Residences East

Unitized Conc: Period 106.4443, 1hr 1128.18752

TAC	CAS Number	Emission Factor (lb/MMSCF)[1]	lb/hr	lb/year	g/s	Chronic REL	Acute REL	Period Concentration	1hr Concentration	Residential Dose 3rd	0<2	2<9	9<16	16<30	Risk by Age Group 3rd	0<2	2<9	9<16	16<30	Total Risk	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	3	27	7.756E-06	8.220E-05	2.685E-09	8.106E-09	4.693E-09	4.254E-09	1.941E-09	8.150E-12	1.969E-10	1.014E-10	9.188E-11	2.783E-11	4.261E-10	2.585E-06	3.044E-06
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	9	55	1.648E-05	1.747E-04	5.705E-09	1.723E-08	9.972E-09	9.039E-09	4.125E-09	3.637E-12	8.785E-11	4.523E-11	4.100E-11	1.242E-11	1.901E-10	1.831E-06	3.176E-06
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	9.694E-08	1.027E-06	3.356E-11	1.013E-10	5.866E-11	5.317E-11	2.426E-11	3.973E-12	9.597E-11	4.941E-11	4.479E-11	1.357E-11	2.077E-10	8.079E-09	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	2.908E-07	3.082E-06	1.007E-10	3.040E-10	1.760E-10	1.595E-10	7.279E-11	3.667E-13	8.859E-12	4.561E-12	4.135E-12	1.252E-12	1.917E-11	3.231E-08	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	4.169E-06	4.418E-05	1.443E-09	4.357E-09	2.522E-09	2.286E-09	1.043E-09	4.381E-13	1.058E-11	5.448E-12	4.939E-12	1.496E-12	2.290E-11	2.978E-08	9.400E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	2.617E-06	2.774E-05	9.061E-10	2.736E-09	1.584E-09	1.436E-09	6.551E-10	9.627E-12	2.325E-10	1.197E-10	1.085E-10	3.288E-11	5.033E-10	0.000E+00	1.110E-05
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	1.745E-02	1.849E-01	6.041E-06	1.824E-05	1.056E-05	9.571E-06	4.367E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.725E-05	5.780E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	9.210E-06	9.761E-05	3.188E-09	9.626E-09	5.572E-09	5.051E-09	2.305E-09	8.420E-13	2.034E-11	1.047E-11	9.493E-12	2.875E-12	4.402E-11	4.605E-09	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	6.107E-06	6.473E-05	2.114E-09	6.384E-09	3.695E-09	3.350E-09	1.529E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.725E-10	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	3.548E-05	3.761E-04	1.228E-08	3.709E-08	2.147E-08	1.946E-08	8.880E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.448E-08	7.521E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	2.637E-05	2.795E-04	9.128E-09	2.756E-08	1.595E-08	1.446E-08	6.599E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.767E-08	1.270E-08
					1.650E-04																	
																				1.413E-09	9.186E-05	7.530E-05

2 Receptor: Residences West

Period 2.97383, 1hr 467.12513

TAC	CAS Number	Emission Factor (lb/MMSCF)[1]	lb/hr	lb/year	g/s	Chronic REL	Acute REL	Period Concentration	1hr Concentration	Residential Dose 3rd	0<2	2<9	9<16	16<30	Risk by Age Group 3rd	0<2	2<9	9<16	16<30	Total Risk	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	3	27	2.167E-07	3.403E-05	7.500E-11	2.265E-10	1.311E-10	1.188E-10	5.423E-11	2.277E-13	5.500E-12	2.832E-12	2.567E-12	7.776E-13	1.190E-11	7.222E-08	1.261E-06
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	4.604E-07	7.232E-05	1.594E-10	4.812E-10	2.786E-10	2.525E-10	1.152E-10	1.016E-13	2.454E-12	1.264E-12	1.146E-12	3.470E-13	5.312E-12	5.116E-08	1.315E-06
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	2.708E-09	4.254E-07	9.376E-13	2.831E-12	1.639E-12	1.486E-12	6.778E-13	1.110E-13	2.681E-12	1.381E-12	1.251E-12	3.791E-13	5.803E-12	2.257E-10	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	8.125E-09	1.276E-06	2.813E-12	8.493E-12	4.916E-12	4.457E-12	2.034E-12	1.025E-14	2.475E-13	1.274E-13	1.155E-13	3.499E-14	5.357E-13	9.028E-10	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	1.165E-07	1.829E-05	4.031E-11	1.217E-10	7.047E-11	6.388E-11	2.915E-11	1.224E-14	2.956E-13	1.522E-13	1.380E-13	4.180E-14	6.398E-13	8.319E-10	3.892E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	7.313E-08	1.149E-05	2.531E-11	7.643E-11	4.425E-11	4.011E-11	1.830E-11	2.690E-13	6.497E-12	3.345E-12	3.032E-12	9.185E-13	1.406E-11	0.000E+00	4.595E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	4.875E-04	7.658E-02	1.688E-07	5.096E-07	2.950E-07	2.674E-07	1.220E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.438E-06	2.393E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	2.573E-07	4.042E-05	8.907E-11	2.689E-10	1.557E-10	1.411E-10	6.440E-11	2.352E-14	5.682E-13	2.926E-13	2.652E-13	8.033E-14	1.230E-12	1.286E-10	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	1.706E-07	2.680E-05	5.907E-11	1.783E-10	1.032E-10	9.359E-11	4.270E-11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.438E-11	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	9.913E-07	1.557E-04	3.431E-10	1.036E-09	5.998E-10	5.437E-10	2.481E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.360E-09	3.114E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	7.367E-07	1.157E-04	2.550E-10	7.700E-10	4.457E-10	4.041E-10	1.844E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.052E-09	5.260E-09
					1.650E-04															3.949E-11	2.566E-06	3.118E-05

3 Receptor: Residences North

Period 6.03372, 1hr 381.50862

TAC	CAS Number	Emission Factor (lb/MMSCF)[1]	lb/hr	lb/year	g/s	Chronic REL	Acute REL	Period Concentration	1hr Concentration	Residential Dose 3rd	0<2	2<9	9<16	16<30	Risk by Age Group 3rd	0<2	2<9	9<16	16<30	Total Risk	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	3	27	4.396E-07	2.780E-05	1.522E-10	4.595E-10	2.660E-10	2.411E-10	1.100E-10	4.620E-13	1.116E-11	5.746E-12	5.208E-12	1.578E-12	2.415E-11	1.465E-07	1.030E-06
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	9.342E-07	5.907E-05	3.234E-10	9.764E-10	5.652E-10	5.124E-10	2.338E-10	2.062E-13	4.980E-12	2.564E-12	2.324E-12	7.040E-13	1.078E-11	1.038E-07	1.074E-06
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	5.495E-09	3.475E-07	1.902E-12	5.744E-12	3.325E-12	3.014E-12	1.375E-12	2.252E-13	5.440E-12	2.801E-12	2.539E-12	7.691E-13	1.177E-11	4.579E-10	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	1.649E-08	1.042E-06	5.707E-12	1.723E-11	9.975E-12	9.042E-12	4.126E-12	2.079E-14	5.022E-13	2.585E-13	2.344E-13	7.100E-14	1.087E-12	1.832E-09	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	2.363E-07	1.494E-05	8.180E-11	2.470E-10	1.430E-10	1.296E-10	5.914E-11	2.483E-14	5.998E-13	3.088E-13	2.799E-13	8.480E-14	1.298E-12	1.688E-09	3.179E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	1.484E-07	9.381E-06	5.136E-11	1.551E-10	8.977E-11	8.138E-11	3.713E-11	5.457E-13	1.318E-11	6.787E-12	6.152E-12	1.864E-12	2.853E-11	0.000E+00	3.753E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	9.891E-04	6.254E-02	3.424E-07	1.034E-06	5.985E-07	5.425E-07	2.476E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.946E-06	1.954E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	5.220E-07	3.301E-05	1.807E-10	5.456E-10	3.159E-10	2.863E-10	1.307E-10	4.773E-14	1.153E-12	5.936E-13	5.381E-13	1.630E-13	2.495E-12	2.610E-10	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	3.462E-07	2.189E-05	1.198E-10	3.618E-10	2.095E-10	1.899E-10	8.664E-11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.946E-11	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	2.011E-06	1.272E-04	6.962E-10	2.102E-09	1.217E-09	1.103E-09	5.034E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.789E-09	2.543E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	1.495E-06	9.451E-05	5.174E-10	1.562E-09	9.044E-10	8.198E-10	3.741E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.135E-09	4.296E-09
					1.650E-04															8.012E-11	5.207E-06	2.546E-05

4 Receptor: OnSite

Period 5.23802, 1hr 437.05874

TAC	CAS Number	Emission Factor (lb/MMSCF)[1]	lb/hr	lb/year	g/s	Chronic REL	Acute REL	Period Concentration	1hr Concentration	Residential Dose 3rd	0<2	2<9	9<16	16<30	Risk by Age Group 3rd	0<2	2<9	9<16	16<30	Total Risk	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	3	27	3.816E-07	3.184E-05	1.321E-10	3.989E-10	2.309E-10	2.093E-10	9.551E-11	4.010E-13	9.687E-12	4.988E-12	4.521E-12	1.370E-12	2.097E-11	1.272E-07	1.179E-06
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	8.110E-07	6.767E-05	2.807E-10	8.476E-10	4.907E-10	4.448E-10	2.030E-10	1.790E-13	4.323E-12	2.226E-12	2.018E-12	6.112E-13	9.357E-12	9.011E-08	1.230E-06
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	4.771E-09	3.980E-07	1.651E-12	4.986E-12	2.886E-12	2.617E-12	1.194E-12	1.955E-13	4.723E-12	2.432E-12	2.204E-12	6.677E-13	1.022E-11	3.975E-10	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	1.431E-08	1.194E-06	4.954E-12	1.496E-11	8.659E-12	7.850E-12	3.582E-12	1.805E-14	4.359E-13	2.245E-13	2.035E-13	6.163E-14	9.435E-13	1.590E-09	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	2.051E-07	1.712E-05	7.101E-11	2.144E-10	1.241E-10	1.125E-10	5.134E-11	2.156E-14	5.207E-13	2.681E-13	2.430E-13	7.362E-14	1.127E-12	1.465E-09	3.642E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	1.288E-07	1.075E-05	4.459E-11	1.346E-10	7.794E-11	7.065E-11	3.224E-11	4.737E-13	1.144E-11	5.892E-12	5.341E-12	1.618E-12	2.477E-11	0.000E+00	4.299E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	8.587E-04	7.165E-02	2.972E-07	8.975E-07	5.196E-07	4.710E-07	2.149E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.293E-06	2.239E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	4.532E-07	3.781E-05	1.569E-10	4.737E-10	2.742E-10	2.486E-10	1.134E-10	4.143E-14	1.001E-12	5.153E-13	4.671E-13	1.415E-13	2.166E-12	2.266E-10	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	3.005E-07	2.508E-05	1.040E-10	3.141E-10	1.818E-10	1.648E-10	7.522E-11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.293E-11	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	1.746E-06	1.457E-04	6.044E-10	1.825E-09	1.056E-09	9.577E-10	4.370E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.157E-09	2.914E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	1.298E-06	1.083E-04	4.492E-10	1.356E-09	7.851E-10	7.117E-10	3.248E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.854E-09	4.921E-09
					1.650E-04															6.955E-11	4.521E-06	2.917E-05

5 Receptor: School

Period 0.7934, 1hr 135.9025

TAC	CAS Number	Emission Factor (lb/MMSCF)[1]	lb/hr	lb/year	g/s	Chronic REL	Acute REL	Period Concentration	1hr Concentration	Residential Dose 3rd	0<2	2<9	9<16	16<30	Risk by Age Group 3rd	0<2	2<9	9<16	16<30	Total Risk	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	3	27	5.781E-08	9.902E-06	2.001E-11	6.042E-11	3.498E-11	3.171E-11	1.447E-11	6.075E-14	1.467E-12	7.555E-13	6.849E-13	2.075E-13	3.176E-12	1.927E-08	3.667E-07
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	1.228E-07	2.104E-05	4.252E-11	1.284E-10	7.433E-11	6.738E-11	3.074E-11	2.711E-14	6.548E-13	3.371E-13	3.056E-13	9.258E-14	1.417E-12	1.365E-08	3.826E-07
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	7.226E-10	1.238E-07	2.501E-13	7.553E-13	4.372E-13	3.963E-13	1.808E-13	2.961E-14	7.153E-13	3.688E-13	3.339E-13	1.011E-13	1.548E-12	6.022E-11	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	2.168E-09	3.713E-07	7.504E-13	2.266E-12	1.312E-12	1.189E-12	5.425E-13	2.734E-15	6.603E-14	3.400E-14	3.082E-14	9.335E-15	1.429E-13	2.409E-10	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	3.107E-08	5.322E-06	1.076E-11	3.248E-11	1.880E-11	1.704E-11	7.776E-12	3.265E-15	7.887E-14	4.061E-14	3.681E-14	1.115E-14	1.707E-13	2.219E-10	1.132E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	1.951E-08	3.342E-06	6.754E-12	2.039E-11	1.180E-11	1.070E-11	4.883E-12	7.176E-14	1.733E-12	8.924E-13	8.090E-13	2.451E-13	3.752E-12	0.000E+00	1.337E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	1.301E-04	2.228E-02	4.502E-08	1.359E-07	7.870E-08	7.134E-08	3.255E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.503E-07	6.962E-06
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	6.865E-08	1.176E-05	2.376E-11	7.175E-11	4.154E-11	3.765E-11	1.718E-11	6.276E-15	1.516E-13	7.805E-14	7.076E-14	2.143E-14	3.281E-13	3.432E-11	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	4.552E-08	7.798E-06	1.576E-11	4.758E-11	2.754E-11	2.497E-11	1.139E-11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.503E-12	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	2.645E-07	4.530E-05	9.155E-11	2.764E-10	1.600E-10	1.451E-10	6.619E-11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.297E-10	9.060E-09
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	1.965E-07	3.367E-05	6.804E-11	2.054E-10	1.189E-10	1.078E-10	4.919E-11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.808E-10	1.530E-09
					1.650E-04															1.053E-11	6.847E-07	9.070E-06

Unitized Conc: Period 6.15785, 1hr 448.48854

6 Worker South

TAC	CAS	EmissionFactor	lb/hr	lb/year	g/s	Chronic REL	Acute REL	Period	1hr	Dose Worker	Risk Worker	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	0.1	3	27	4.49E-07	3.27E-05	7.068E-11	2.524E-12	1.496E-07	1.210E-06
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	9.53E-07	6.94E-05	1.502E-10	1.126E-12	1.059E-07	1.263E-06
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	5.61E-09	4.08E-07	8.835E-13	1.231E-12	4.674E-10	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	1.68E-08	1.23E-06	2.650E-12	1.136E-13	1.869E-09	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	2.41E-07	1.76E-05	3.799E-11	1.357E-13	1.723E-09	3.737E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	1.51E-07	1.10E-05	2.385E-11	2.982E-12	0.000E+00	4.411E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	1.01E-03	7.35E-02	1.590E-07	0.000E+00	5.047E-06	2.298E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	5.33E-07	3.88E-05	8.393E-11	2.608E-13	2.664E-10	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	3.53E-07	2.57E-05	5.566E-11	0.000E+00	5.047E-11	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	2.05E-06	1.49E-04	3.234E-10	0.000E+00	4.887E-09	2.990E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	1.53E-06	1.11E-04	2.403E-10	0.000E+00	2.179E-09	5.050E-09
												8.373E-12	**5.314E-06**	**2.993E-05**

Period 1hr

7 Worker West

							Chronic	Acute				Dose	Risk		
TAC	CAS	EmissionFactor	lb/hr	lb/year	g/s	CPF	REL	REL	Period	1hr		Worker	Worker	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	0.1	3	27	4.58E-07		1.55E-05	7.216E-11	2.577E-12	1.527E-07	5.732E-07
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	9.73E-07		3.29E-05	1.533E-10	1.150E-12	1.082E-07	5.979E-07
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	5.73E-09		1.93E-07	9.020E-13	1.256E-12	4.772E-10	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	1.72E-08		5.80E-07	2.706E-12	1.160E-13	1.909E-09	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	2.46E-07		8.32E-06	3.879E-11	1.385E-13	1.759E-09	1.770E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	1.55E-07		5.22E-06	2.435E-11	3.044E-12	0.000E+00	2.089E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	1.03E-03		3.48E-02	1.624E-07	0.000E+00	5.153E-06	1.088E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	5.44E-07		1.84E-05	8.569E-11	2.663E-13	2.720E-10	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	3.61E-07		1.22E-05	5.683E-11	0.000E+00	5.153E-11	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	2.10E-06		7.08E-05	3.301E-10	0.000E+00	4.990E-09	1.416E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	1.56E-06		5.26E-05	2.453E-10	0.000E+00	2.225E-09	2.392E-09
													8.549E-12	**5.426E-06**	**1.418E-05**

8 Onsite Worker

				Period	1hr										
				6.54955	371.85079										
							Chronic	Acute				Dose	Risk		
TAC	CAS	EmissionFactor	lb/hr	lb/year	g/s	CPF	REL	REL	Period	1hr		Worker	Worker	Chronic	Acute
Benzene	71432	0.008	2.623E-04	2.2977	7.286E-08	0.1	3	27	4.77E-07		2.71E-05	7.518E-11	2.685E-12	1.591E-07	1.003E-06
Formaldehyde	50000	0.017	5.574E-04	4.8826	1.548E-07	0.021	9	55	1.01E-06		5.76E-05	1.597E-10	1.198E-12	1.127E-07	1.047E-06
Total PAHs (excluding Naptl	1151	0.0001	3.279E-06	0.0287	9.107E-10	3.9	12	0	5.96E-09		3.39E-07	9.397E-13	1.309E-12	4.971E-10	0.000E+00
Napthalene	91203	0.0003	9.836E-06	0.0862	2.732E-09	0.12	9	0	1.79E-08		1.02E-06	2.819E-12	1.208E-13	1.988E-09	0.000E+00
Acetaldehyde	75070	0.0043	1.410E-04	1.2350	3.916E-08	0.01	140	470	2.56E-07		1.46E-05	4.041E-11	1.443E-13	1.832E-09	3.098E-08
Acrolein	107028	0.0027	8.852E-05	0.7755	2.459E-08	0.35	0	2.5	1.61E-07		9.14E-06	2.537E-11	3.171E-12	0.000E+00	3.658E-06
Ammonia[2]	7664417	18	5.902E-01	5169.8352	1.639E-04	0	200	3200	1.07E-03		6.10E-02	1.691E-07	0.000E+00	5.368E-06	1.905E-05
Ethyl Benzene	100414	0.0095	3.115E-04	2.7285	8.652E-08	0.0087	2000	0	5.67E-07		3.22E-05	8.927E-11	2.774E-13	2.833E-10	0.000E+00
Hexane	110543	0.0063	2.066E-04	1.8094	5.738E-08	0	7000	0	3.76E-07		2.13E-05	5.920E-11	0.000E+00	5.368E-11	0.000E+00
Toluene	108883	0.0366	1.200E-03	10.5120	3.333E-07	0	420	5000	2.18E-06		1.24E-04	3.439E-10	0.000E+00	5.198E-09	2.479E-08
Xylene	1330207	0.0272	8.918E-04	7.8122	2.477E-07	0	700	22000	1.62E-06		9.21E-05	2.556E-10	0.000E+00	2.318E-09	4.187E-09
													8.906E-12	**5.652E-06**	**2.482E-05**

Boiler Risk

Discrete Receptor ID					Concentration [µg/m^3] at 1 g/s	
		X	Y	X, Y	**Period**	**1hr**
1	UCART1	592567.59	4122799.92	592567.59, 4122799.92	0.17932	52.78105
2	UCART1	592607.59	4122799.92	592607.59, 4122799.92	0.18222	55.76217
3	UCART1	592647.59	4122799.92	592647.59, 4122799.92	0.18474	57.84347
4	UCART1	592687.59	4122799.92	592687.59, 4122799.92	0.18776	58.06199
5	UCART1	592727.59	4122799.92	592727.59, 4122799.92	0.19032	60.13473
6	UCART1	592767.59	4122799.92	592767.59, 4122799.92	0.19306	63.56695
7	UCART1	592807.59	4122799.92	592807.59, 4122799.92	0.19611	65.1199
8	UCART1	592847.59	4122799.92	592847.59, 4122799.92	0.19868	67.69978
9	UCART1	592887.59	4122799.92	592887.59, 4122799.92	0.20229	69.7615
10	UCART1	592927.59	4122799.92	592927.59, 4122799.92	0.2066	70.89207
11	UCART1	592967.59	4122799.92	592967.59, 4122799.92	0.21163	71.40212
12	UCART1	593007.59	4122799.92	593007.59, 4122799.92	0.21727	76.40533
13	UCART1	593047.59	4122799.92	593047.59, 4122799.92	0.22452	77.20309
14	UCART1	593087.59	4122799.92	593087.59, 4122799.92	0.23299	83.01394
15	UCART1	593127.59	4122799.92	593127.59, 4122799.92	0.24336	86.95075
16	UCART1	593167.59	4122799.92	593167.59, 4122799.92	0.25574	88.41874
17	UCART1	593207.59	4122799.92	593207.59, 4122799.92	0.27092	93.2704
18	UCART1	593247.59	4122799.92	593247.59, 4122799.92	0.28836	96.85296
19	UCART1	593287.59	4122799.92	593287.59, 4122799.92	0.30812	98.92144
20	UCART1	593327.59	4122799.92	593327.59, 4122799.92	0.33144	100.98424
21	UCART1	593367.59	4122799.92	593367.59, 4122799.92	0.35841	113.77528
22	UCART1	593407.59	4122799.92	593407.59, 4122799.92	0.38904	118.0392
23	UCART1	593447.59	4122799.92	593447.59, 4122799.92	0.42171	109.19253
24	UCART1	593487.59	4122799.92	593487.59, 4122799.92	0.45798	112.96881
25	UCART1	593527.59	4122799.92	593527.59, 4122799.92	0.50832	96.62414
26	UCART1	593567.59	4122799.92	593567.59, 4122799.92	0.56197	102.51015
27	UCART1	593607.59	4122799.92	593607.59, 4122799.92	0.6328	99.92437
28	UCART1	593647.59	4122799.92	593647.59, 4122799.92	0.73464	99.29941
29	UCART1	593687.59	4122799.92	593687.59, 4122799.92	0.88175	101.3514
30	UCART1	593727.59	4122799.92	593727.59, 4122799.92	1.08562	118.16327
31	UCART1	593767.59	4122799.92	593767.59, 4122799.92	1.35278	116.6075
32	UCART1	593807.59	4122799.92	593807.59, 4122799.92	1.67368	111.88148
33	UCART1	593847.59	4122799.92	593847.59, 4122799.92	2.03321	110.89879
34	UCART1	593887.59	4122799.92	593887.59, 4122799.92	2.40233	108.63784
35	UCART1	593927.59	4122799.92	593927.59, 4122799.92	2.75044	102.48657
36	UCART1	593967.59	4122799.92	593967.59, 4122799.92	3.05008	101.3972
37	UCART1	594007.59	4122799.92	594007.59, 4122799.92	3.28065	98.70952
38	UCART1	592567.59	4122839.92	592567.59, 4122839.92	0.19617	53.03493
39	UCART1	592607.59	4122839.92	592607.59, 4122839.92	0.19953	54.36689

40	UCART1	592647.59	4122839.92	592647.59, 4122839.92	0.20253	58.1274
41	UCART1	592687.59	4122839.92	592687.59, 4122839.92	0.20564	61.41621
42	UCART1	592727.59	4122839.92	592727.59, 4122839.92	0.20903	63.02311
43	UCART1	592767.59	4122839.92	592767.59, 4122839.92	0.21271	62.87374
44	UCART1	592807.59	4122839.92	592807.59, 4122839.92	0.21568	67.4191
45	UCART1	592847.59	4122839.92	592847.59, 4122839.92	0.21872	70.55093
46	UCART1	592887.59	4122839.92	592887.59, 4122839.92	0.22222	72.67046
47	UCART1	592927.59	4122839.92	592927.59, 4122839.92	0.2267	75.25114
48	UCART1	592967.59	4122839.92	592967.59, 4122839.92	0.23164	76.80541
49	UCART1	593007.59	4122839.92	593007.59, 4122839.92	0.23836	76.40039
50	UCART1	593047.59	4122839.92	593047.59, 4122839.92	0.24566	81.31323
51	UCART1	593087.59	4122839.92	593087.59, 4122839.92	0.25304	83.98151
52	UCART1	593127.59	4122839.92	593127.59, 4122839.92	0.26331	90.69293
53	UCART1	593167.59	4122839.92	593167.59, 4122839.92	0.27615	95.08266
54	UCART1	593207.59	4122839.92	593207.59, 4122839.92	0.29206	97.72067
55	UCART1	593247.59	4122839.92	593247.59, 4122839.92	0.31066	101.32354
56	UCART1	593287.59	4122839.92	593287.59, 4122839.92	0.33264	105.71467
57	UCART1	593327.59	4122839.92	593327.59, 4122839.92	0.35836	107.50757
58	UCART1	593367.59	4122839.92	593367.59, 4122839.92	0.38865	115.17963
59	UCART1	593407.59	4122839.92	593407.59, 4122839.92	0.42849	112.7128
60	UCART1	593447.59	4122839.92	593447.59, 4122839.92	0.46713	109.68947
61	UCART1	593487.59	4122839.92	593487.59, 4122839.92	0.51133	104.77723
62	UCART1	593527.59	4122839.92	593527.59, 4122839.92	0.56252	106.76969
63	UCART1	593567.59	4122839.92	593567.59, 4122839.92	0.62558	112.15403
64	UCART1	593607.59	4122839.92	593607.59, 4122839.92	0.71015	109.76033
65	UCART1	593647.59	4122839.92	593647.59, 4122839.92	0.83483	109.18109
66	UCART1	593687.59	4122839.92	593687.59, 4122839.92	1.0182	114.65485
67	UCART1	593727.59	4122839.92	593727.59, 4122839.92	1.2752	130.66136
68	UCART1	593767.59	4122839.92	593767.59, 4122839.92	1.61201	126.85133
69	UCART1	593807.59	4122839.92	593807.59, 4122839.92	2.01199	122.07442
70	UCART1	593847.59	4122839.92	593847.59, 4122839.92	2.45006	122.86574
71	UCART1	593887.59	4122839.92	593887.59, 4122839.92	2.88329	116.53145
72	UCART1	593927.59	4122839.92	593927.59, 4122839.92	3.27369	111.18368
73	UCART1	593967.59	4122839.92	593967.59, 4122839.92	3.58972	109.90554
74	UCART1	594007.59	4122839.92	594007.59, 4122839.92	3.81257	103.70198
75	UCART1	592567.59	4122879.92	592567.59, 4122879.92	0.21595	54.87961
76	UCART1	592607.59	4122879.92	592607.59, 4122879.92	0.21991	55.94007
77	UCART1	592647.59	4122879.92	592647.59, 4122879.92	0.22323	57.98359
78	UCART1	592687.59	4122879.92	592687.59, 4122879.92	0.22653	60.11939
79	UCART1	592727.59	4122879.92	592727.59, 4122879.92	0.23115	64.2277
80	UCART1	592767.59	4122879.92	592767.59, 4122879.92	0.23539	67.16923
81	UCART1	592807.59	4122879.92	592807.59, 4122879.92	0.23886	68.983
82	UCART1	592847.59	4122879.92	592847.59, 4122879.92	0.24302	71.14245
83	UCART1	592887.59	4122879.92	592887.59, 4122879.92	0.24721	75.4232
84	UCART1	592927.59	4122879.92	592927.59, 4122879.92	0.25189	77.53297
85	UCART1	592967.59	4122879.92	592967.59, 4122879.92	0.25696	80.69637
86	UCART1	593007.59	4122879.92	593007.59, 4122879.92	0.26294	82.86607

87	UCART1	593047.59	4122879.92	593047.59, 4122879.92	0.27002	83.59437
88	UCART1	593087.59	4122879.92	593087.59, 4122879.92	0.27754	90.08773
89	UCART1	593127.59	4122879.92	593127.59, 4122879.92	0.28725	92.60877
90	UCART1	593167.59	4122879.92	593167.59, 4122879.92	0.3011	99.11972
91	UCART1	593207.59	4122879.92	593207.59, 4122879.92	0.31674	104.43673
92	UCART1	593247.59	4122879.92	593247.59, 4122879.92	0.33701	108.75765
93	UCART1	593287.59	4122879.92	593287.59, 4122879.92	0.36096	113.19624
94	UCART1	593327.59	4122879.92	593327.59, 4122879.92	0.38965	115.35845
95	UCART1	593367.59	4122879.92	593367.59, 4122879.92	0.42336	118.69718
96	UCART1	593407.59	4122879.92	593407.59, 4122879.92	0.46873	121.22663
97	UCART1	593447.59	4122879.92	593447.59, 4122879.92	0.51369	124.56635
98	UCART1	593487.59	4122879.92	593487.59, 4122879.92	0.56584	113.83583
99	UCART1	593527.59	4122879.92	593527.59, 4122879.92	0.62653	118.15927
100	UCART1	593567.59	4122879.92	593567.59, 4122879.92	0.70158	123.13493
101	UCART1	593607.59	4122879.92	593607.59, 4122879.92	0.80349	121.90504
102	UCART1	593647.59	4122879.92	593647.59, 4122879.92	0.95769	120.82353
103	UCART1	593687.59	4122879.92	593687.59, 4122879.92	1.19009	130.1045
104	UCART1	593727.59	4122879.92	593727.59, 4122879.92	1.52094	144.9087
105	UCART1	593767.59	4122879.92	593767.59, 4122879.92	1.95173	139.76085
106	UCART1	593807.59	4122879.92	593807.59, 4122879.92	2.45543	135.2114
107	UCART1	593847.59	4122879.92	593847.59, 4122879.92	2.98895	133.94741
108	UCART1	593887.59	4122879.92	593887.59, 4122879.92	3.49399	125.08484
109	UCART1	593927.59	4122879.92	593927.59, 4122879.92	3.92235	122.69991
110	UCART1	593967.59	4122879.92	593967.59, 4122879.92	4.24228	117.7706
111	UCART1	594007.59	4122879.92	594007.59, 4122879.92	4.4417	110.6265
112	UCART1	592567.59	4122919.92	592567.59, 4122919.92	0.23889	55.39534
113	UCART1	592607.59	4122919.92	592607.59, 4122919.92	0.24324	57.44175
114	UCART1	592647.59	4122919.92	592647.59, 4122919.92	0.24785	59.98129
115	UCART1	592687.59	4122919.92	592687.59, 4122919.92	0.25253	61.44278
116	UCART1	592727.59	4122919.92	592727.59, 4122919.92	0.25753	63.41078
117	UCART1	592767.59	4122919.92	592767.59, 4122919.92	0.2621	66.47765
118	UCART1	592807.59	4122919.92	592807.59, 4122919.92	0.26642	71.75309
119	UCART1	592847.59	4122919.92	592847.59, 4122919.92	0.27159	74.65706
120	UCART1	592887.59	4122919.92	592887.59, 4122919.92	0.27615	75.87377
121	UCART1	592927.59	4122919.92	592927.59, 4122919.92	0.28269	79.88062
122	UCART1	592967.59	4122919.92	592967.59, 4122919.92	0.28863	82.77484
123	UCART1	593007.59	4122919.92	593007.59, 4122919.92	0.294	86.78159
124	UCART1	593047.59	4122919.92	593047.59, 4122919.92	0.30004	91.13379
125	UCART1	593087.59	4122919.92	593087.59, 4122919.92	0.30805	93.11812
126	UCART1	593127.59	4122919.92	593127.59, 4122919.92	0.31814	99.14361
127	UCART1	593167.59	4122919.92	593167.59, 4122919.92	0.33238	100.92349
128	UCART1	593207.59	4122919.92	593207.59, 4122919.92	0.34744	110.06501
129	UCART1	593247.59	4122919.92	593247.59, 4122919.92	0.36891	114.25977
130	UCART1	593287.59	4122919.92	593287.59, 4122919.92	0.39382	121.86827
131	UCART1	593327.59	4122919.92	593327.59, 4122919.92	0.43455	108.20718
132	UCART1	593367.59	4122919.92	593367.59, 4122919.92	0.47134	111.46086
133	UCART1	593407.59	4122919.92	593407.59, 4122919.92	0.51579	127.59237

134	UCART1	593447.59	4122919.92	593447.59, 4122919.92	0.56846	139.75151
135	UCART1	593487.59	4122919.92	593487.59, 4122919.92	0.63038	130.45369
136	UCART1	593527.59	4122919.92	593527.59, 4122919.92	0.70304	130.75827
137	UCART1	593567.59	4122919.92	593567.59, 4122919.92	0.7934	135.9025
138	UCART1	593607.59	4122919.92	593607.59, 4122919.92	0.91808	136.76481
139	UCART1	593647.59	4122919.92	593647.59, 4122919.92	1.11124	134.76157
140	UCART1	593687.59	4122919.92	593687.59, 4122919.92	1.41217	148.90135
141	UCART1	593727.59	4122919.92	593727.59, 4122919.92	1.84579	160.81347
142	UCART1	593767.59	4122919.92	593767.59, 4122919.92	2.40589	153.96011
143	UCART1	593807.59	4122919.92	593807.59, 4122919.92	3.04655	150.74959
144	UCART1	593847.59	4122919.92	593847.59, 4122919.92	3.69536	143.95906
145	UCART1	593887.59	4122919.92	593887.59, 4122919.92	4.27585	137.32199
146	UCART1	593927.59	4122919.92	593927.59, 4122919.92	4.72972	134.73726
147	UCART1	593967.59	4122919.92	593967.59, 4122919.92	5.03202	126.26788
148	UCART1	594007.59	4122919.92	594007.59, 4122919.92	5.18597	122.82279
149	UCART1	592567.59	4122959.92	592567.59, 4122959.92	0.26595	54.63996
150	UCART1	592607.59	4122959.92	592607.59, 4122959.92	0.27081	58.09459
151	UCART1	592647.59	4122959.92	592647.59, 4122959.92	0.27644	60.62535
152	UCART1	592687.59	4122959.92	592687.59, 4122959.92	0.28217	62.84148
153	UCART1	592727.59	4122959.92	592727.59, 4122959.92	0.2883	65.81876
154	UCART1	592767.59	4122959.92	592767.59, 4122959.92	0.29399	67.85
155	UCART1	592807.59	4122959.92	592807.59, 4122959.92	0.29939	70.84245
156	UCART1	592847.59	4122959.92	592847.59, 4122959.92	0.30594	74.9528
157	UCART1	592887.59	4122959.92	592887.59, 4122959.92	0.31148	80.60121
158	UCART1	592927.59	4122959.92	592927.59, 4122959.92	0.31821	83.2014
159	UCART1	592967.59	4122959.92	592967.59, 4122959.92	0.32513	85.79201
160	UCART1	593007.59	4122959.92	593007.59, 4122959.92	0.33218	91.21344
161	UCART1	593047.59	4122959.92	593047.59, 4122959.92	0.33942	94.79972
162	UCART1	593087.59	4122959.92	593087.59, 4122959.92	0.34636	100.68351
163	UCART1	593127.59	4122959.92	593127.59, 4122959.92	0.35744	103.00278
164	UCART1	593167.59	4122959.92	593167.59, 4122959.92	0.37162	107.84753
165	UCART1	593207.59	4122959.92	593207.59, 4122959.92	0.38702	113.25442
166	UCART1	593247.59	4122959.92	593247.59, 4122959.92	0.40919	121.04447
167	UCART1	593287.59	4122959.92	593287.59, 4122959.92	0.43505	127.01404
168	UCART1	593327.59	4122959.92	593327.59, 4122959.92	0.48022	116.99744
169	UCART1	593367.59	4122959.92	593367.59, 4122959.92	0.52076	122.82859
170	UCART1	593407.59	4122959.92	593407.59, 4122959.92	0.57165	130.32896
171	UCART1	593447.59	4122959.92	593447.59, 4122959.92	0.63312	154.12365
172	UCART1	593487.59	4122959.92	593487.59, 4122959.92	0.70726	153.68285
173	UCART1	593527.59	4122959.92	593527.59, 4122959.92	0.795	146.73021
174	UCART1	593567.59	4122959.92	593567.59, 4122959.92	0.90582	150.62169
175	UCART1	593607.59	4122959.92	593607.59, 4122959.92	1.06031	154.83572
176	UCART1	593647.59	4122959.92	593647.59, 4122959.92	1.30726	151.71081
177	UCART1	593687.59	4122959.92	593687.59, 4122959.92	1.70383	171.49669
178	UCART1	593727.59	4122959.92	593727.59, 4122959.92	2.28322	178.34803
179	UCART1	593767.59	4122959.92	593767.59, 4122959.92	3.02351	168.64091
180	UCART1	593807.59	4122959.92	593807.59, 4122959.92	3.8428	169.89816

181	UCART1	593847.59	4122959.92	593847.59, 4122959.92	4.63122	157.81931
182	UCART1	593887.59	4122959.92	593887.59, 4122959.92	5.28203	152.93374
183	UCART1	593927.59	4122959.92	593927.59, 4122959.92	5.73604	143.8541
184	UCART1	593967.59	4122959.92	593967.59, 4122959.92	5.98933	138.7372
185	UCART1	594007.59	4122959.92	594007.59, 4122959.92	6.06498	130.14636
186	UCART1	592567.59	4122999.92	592567.59, 4122999.92	0.29728	54.20658
187	UCART1	592607.59	4122999.92	592607.59, 4122999.92	0.30175	58.54593
188	UCART1	592647.59	4122999.92	592647.59, 4122999.92	0.30873	60.22575
189	UCART1	592687.59	4122999.92	592687.59, 4122999.92	0.31613	63.74203
190	UCART1	592727.59	4122999.92	592727.59, 4122999.92	0.32402	66.86141
191	UCART1	592767.59	4122999.92	592767.59, 4122999.92	0.33165	69.39087
192	UCART1	592807.59	4122999.92	592807.59, 4122999.92	0.33903	73.55624
193	UCART1	592847.59	4122999.92	592847.59, 4122999.92	0.34699	75.8814
194	UCART1	592887.59	4122999.92	592887.59, 4122999.92	0.35472	79.2119
195	UCART1	592927.59	4122999.92	592927.59, 4122999.92	0.3628	85.30314
196	UCART1	592967.59	4122999.92	592967.59, 4122999.92	0.37085	90.88632
197	UCART1	593007.59	4122999.92	593007.59, 4122999.92	0.37912	93.46575
198	UCART1	593047.59	4122999.92	593047.59, 4122999.92	0.38746	100.33388
199	UCART1	593087.59	4122999.92	593087.59, 4122999.92	0.39484	106.70551
200	UCART1	593127.59	4122999.92	593127.59, 4122999.92	0.40776	110.7351
201	UCART1	593167.59	4122999.92	593167.59, 4122999.92	0.42218	113.73607
202	UCART1	593207.59	4122999.92	593207.59, 4122999.92	0.43774	120.9853
203	UCART1	593247.59	4122999.92	593247.59, 4122999.92	0.47574	109.22232
204	UCART1	593287.59	4122999.92	593287.59, 4122999.92	0.50165	119.01177
205	UCART1	593327.59	4122999.92	593327.59, 4122999.92	0.53677	127.09314
206	UCART1	593367.59	4122999.92	593367.59, 4122999.92	0.58136	136.11329
207	UCART1	593407.59	4122999.92	593407.59, 4122999.92	0.63951	142.28137
208	UCART1	593447.59	4122999.92	593447.59, 4122999.92	0.71132	165.92076
209	UCART1	593487.59	4122999.92	593487.59, 4122999.92	0.8009	178.99054
210	UCART1	593527.59	4122999.92	593527.59, 4122999.92	0.90869	164.87966
211	UCART1	593567.59	4122999.92	593567.59, 4122999.92	1.04649	167.70405
212	UCART1	593607.59	4122999.92	593607.59, 4122999.92	1.24302	177.26041
213	UCART1	593647.59	4122999.92	593647.59, 4122999.92	1.56827	172.82558
214	UCART1	593687.59	4122999.92	593687.59, 4122999.92	2.10726	199.60116
215	UCART1	593727.59	4122999.92	593727.59, 4122999.92	2.90194	201.20091
216	UCART1	593767.59	4122999.92	593767.59, 4122999.92	3.8971	192.84443
217	UCART1	593807.59	4122999.92	593807.59, 4122999.92	4.94981	187.02768
218	UCART1	593847.59	4122999.92	593847.59, 4122999.92	5.88723	176.09761
219	UCART1	593887.59	4122999.92	593887.59, 4122999.92	6.58283	170.00393
220	UCART1	593927.59	4122999.92	593927.59, 4122999.92	6.99269	157.30091
221	UCART1	593967.59	4122999.92	593967.59, 4122999.92	7.14544	151.19933
222	UCART1	594007.59	4122999.92	594007.59, 4122999.92	7.10219	138.51244
223	UCART1	592567.59	4123039.92	592567.59, 4123039.92	0.3285	54.18723
224	UCART1	592607.59	4123039.92	592607.59, 4123039.92	0.33571	59.47096
225	UCART1	592647.59	4123039.92	592647.59, 4123039.92	0.3445	62.65243
226	UCART1	592687.59	4123039.92	592687.59, 4123039.92	0.35431	65.03494
227	UCART1	592727.59	4123039.92	592727.59, 4123039.92	0.36461	67.23714

228	UCART1	592767.59	4123039.92	592767.59, 4123039.92	0.3753	69.9753
229	UCART1	592807.59	4123039.92	592807.59, 4123039.92	0.38569	74.34792
230	UCART1	592847.59	4123039.92	592847.59, 4123039.92	0.39603	77.64672
231	UCART1	592887.59	4123039.92	592887.59, 4123039.92	0.4063	82.71067
232	UCART1	592927.59	4123039.92	592927.59, 4123039.92	0.417	85.85254
233	UCART1	592967.59	4123039.92	592967.59, 4123039.92	0.42755	90.05474
234	UCART1	593007.59	4123039.92	593007.59, 4123039.92	0.43843	98.4736
235	UCART1	593047.59	4123039.92	593047.59, 4123039.92	0.4489	104.76768
236	UCART1	593087.59	4123039.92	593087.59, 4123039.92	0.45785	110.97545
237	UCART1	593127.59	4123039.92	593127.59, 4123039.92	0.47325	116.98728
238	UCART1	593167.59	4123039.92	593167.59, 4123039.92	0.48893	122.14177
239	UCART1	593207.59	4123039.92	593207.59, 4123039.92	0.50595	127.9287
240	UCART1	593247.59	4123039.92	593247.59, 4123039.92	0.54675	116.78859
241	UCART1	593287.59	4123039.92	593287.59, 4123039.92	0.5731	126.6344
242	UCART1	593327.59	4123039.92	593327.59, 4123039.92	0.60972	139.01848
243	UCART1	593367.59	4123039.92	593367.59, 4123039.92	0.65772	150.0054
244	UCART1	593407.59	4123039.92	593407.59, 4123039.92	0.72334	160.53485
245	UCART1	593447.59	4123039.92	593447.59, 4123039.92	0.80728	172.19532
246	UCART1	593487.59	4123039.92	593487.59, 4123039.92	0.91614	204.99277
247	UCART1	593527.59	4123039.92	593527.59, 4123039.92	1.05063	193.72152
248	UCART1	593567.59	4123039.92	593567.59, 4123039.92	1.22536	194.58436
249	UCART1	593607.59	4123039.92	593607.59, 4123039.92	1.47915	205.13224
250	UCART1	593647.59	4123039.92	593647.59, 4123039.92	1.91971	199.37516
251	UCART1	593687.59	4123039.92	593687.59, 4123039.92	2.67611	234.08642
252	UCART1	593727.59	4123039.92	593727.59, 4123039.92	3.79282	229.51759
253	UCART1	593767.59	4123039.92	593767.59, 4123039.92	5.15053	223.08112
254	UCART1	593807.59	4123039.92	593807.59, 4123039.92	6.49427	208.30807
255	UCART1	593847.59	4123039.92	593847.59, 4123039.92	7.56104	199.79923
256	UCART1	593887.59	4123039.92	593887.59, 4123039.92	8.24761	185.30083
257	UCART1	593927.59	4123039.92	593927.59, 4123039.92	8.54794	177.66374
258	UCART1	593967.59	4123039.92	593967.59, 4123039.92	8.52855	160.60535
259	UCART1	594007.59	4123039.92	594007.59, 4123039.92	8.319	152.7658
260	UCART1	592567.59	4123079.92	592567.59, 4123079.92	0.35961	53.35733
261	UCART1	592607.59	4123079.92	592607.59, 4123079.92	0.3715	57.48081
262	UCART1	592647.59	4123079.92	592647.59, 4123079.92	0.3824	63.21434
263	UCART1	592687.59	4123079.92	592687.59, 4123079.92	0.39565	66.66846
264	UCART1	592727.59	4123079.92	592727.59, 4123079.92	0.40935	69.43297
265	UCART1	592767.59	4123079.92	592767.59, 4123079.92	0.42366	72.2958
266	UCART1	592807.59	4123079.92	592807.59, 4123079.92	0.4381	75.30429
267	UCART1	592847.59	4123079.92	592847.59, 4123079.92	0.45263	77.9715
268	UCART1	592887.59	4123079.92	592887.59, 4123079.92	0.46745	83.7568
269	UCART1	592927.59	4123079.92	592927.59, 4123079.92	0.48261	88.21884
270	UCART1	592967.59	4123079.92	592967.59, 4123079.92	0.497	94.48796
271	UCART1	593007.59	4123079.92	593007.59, 4123079.92	0.51226	98.75696
272	UCART1	593047.59	4123079.92	593047.59, 4123079.92	0.52702	105.55412
273	UCART1	593087.59	4123079.92	593087.59, 4123079.92	0.54195	116.11131
274	UCART1	593127.59	4123079.92	593127.59, 4123079.92	0.55837	121.86669

275	UCART1	593167.59	4123079.92	593167.59, 4123079.92	0.57542	131.16399
276	UCART1	593207.59	4123079.92	593207.59, 4123079.92	0.59496	138.51149
277	UCART1	593247.59	4123079.92	593247.59, 4123079.92	0.64272	127.3306
278	UCART1	593287.59	4123079.92	593287.59, 4123079.92	0.67013	136.00171
279	UCART1	593327.59	4123079.92	593327.59, 4123079.92	0.70806	149.50707
280	UCART1	593367.59	4123079.92	593367.59, 4123079.92	0.75863	164.99332
281	UCART1	593407.59	4123079.92	593407.59, 4123079.92	0.83108	179.44064
282	UCART1	593447.59	4123079.92	593447.59, 4123079.92	0.92854	190.5267
283	UCART1	593487.59	4123079.92	593487.59, 4123079.92	1.06117	228.3877
284	UCART1	593527.59	4123079.92	593527.59, 4123079.92	1.23161	238.94063
285	UCART1	593567.59	4123079.92	593567.59, 4123079.92	1.4585	227.65821
286	UCART1	593607.59	4123079.92	593607.59, 4123079.92	1.79591	241.04037
287	UCART1	593647.59	4123079.92	593647.59, 4123079.92	2.4133	233.75066
288	UCART1	593687.59	4123079.92	593687.59, 4123079.92	3.51656	277.53512
289	UCART1	593727.59	4123079.92	593727.59, 4123079.92	5.13923	263.92753
290	UCART1	593767.59	4123079.92	593767.59, 4123079.92	7.01538	257.91191
291	UCART1	593807.59	4123079.92	593807.59, 4123079.92	8.70143	238.09798
292	UCART1	593847.59	4123079.92	593847.59, 4123079.92	9.83964	222.0061
293	UCART1	593887.59	4123079.92	593887.59, 4123079.92	10.39798	211.2895
294	UCART1	593927.59	4123079.92	593927.59, 4123079.92	10.46755	189.39013
295	UCART1	593967.59	4123079.92	593967.59, 4123079.92	10.18591	179.83126
296	UCART1	594007.59	4123079.92	594007.59, 4123079.92	9.72765	176.56544
297	UCART1	592567.59	4123119.92	592567.59, 4123119.92	0.39058	53.3714
298	UCART1	592607.59	4123119.92	592607.59, 4123119.92	0.40673	56.1746
299	UCART1	592647.59	4123119.92	592647.59, 4123119.92	0.42215	61.55782
300	UCART1	592687.59	4123119.92	592687.59, 4123119.92	0.43818	66.24207
301	UCART1	592727.59	4123119.92	592727.59, 4123119.92	0.45629	69.51217
302	UCART1	592767.59	4123119.92	592767.59, 4123119.92	0.47538	73.58212
303	UCART1	592807.59	4123119.92	592807.59, 4123119.92	0.49509	77.89259
304	UCART1	592847.59	4123119.92	592847.59, 4123119.92	0.5154	81.60704
305	UCART1	592887.59	4123119.92	592887.59, 4123119.92	0.53665	85.36401
306	UCART1	592927.59	4123119.92	592927.59, 4123119.92	0.55826	89.5158
307	UCART1	592967.59	4123119.92	592967.59, 4123119.92	0.57987	95.68841
308	UCART1	593007.59	4123119.92	593007.59, 4123119.92	0.60199	102.44274
309	UCART1	593047.59	4123119.92	593047.59, 4123119.92	0.62412	110.11422
310	UCART1	593087.59	4123119.92	593087.59, 4123119.92	0.64735	115.87283
311	UCART1	593127.59	4123119.92	593127.59, 4123119.92	0.67129	125.71984
312	UCART1	593167.59	4123119.92	593167.59, 4123119.92	0.6951	137.46879
313	UCART1	593207.59	4123119.92	593207.59, 4123119.92	0.74678	126.15912
314	UCART1	593247.59	4123119.92	593247.59, 4123119.92	0.77504	138.38342
315	UCART1	593287.59	4123119.92	593287.59, 4123119.92	0.80623	150.04563
316	UCART1	593327.59	4123119.92	593327.59, 4123119.92	0.84656	161.51712
317	UCART1	593367.59	4123119.92	593367.59, 4123119.92	0.89972	180.27726
318	UCART1	593407.59	4123119.92	593407.59, 4123119.92	0.97771	200.12438
319	UCART1	593447.59	4123119.92	593447.59, 4123119.92	1.08927	220.57408
320	UCART1	593487.59	4123119.92	593487.59, 4123119.92	1.25	243.23745
321	UCART1	593527.59	4123119.92	593527.59, 4123119.92	1.46933	290.60576

322	UCART1	593567.59	4123119.92	593567.59, 4123119.92	1.7707	270.50804
323	UCART1	593607.59	4123119.92	593607.59, 4123119.92	2.23458	288.51057
324	UCART1	593647.59	4123119.92	593647.59, 4123119.92	3.13864	279.82626
325	UCART1	593687.59	4123119.92	593687.59, 4123119.92	4.82875	332.38676
326	UCART1	593727.59	4123119.92	593727.59, 4123119.92	7.27772	310.83506
327	UCART1	593767.59	4123119.92	593767.59, 4123119.92	9.88569	293.94434
328	UCART1	593807.59	4123119.92	593807.59, 4123119.92	11.90015	277.97019
329	UCART1	593847.59	4123119.92	593847.59, 4123119.92	12.95052	254.95888
330	UCART1	593887.59	4123119.92	593887.59, 4123119.92	13.18813	227.82866
331	UCART1	593927.59	4123119.92	593927.59, 4123119.92	12.83941	216.25501
332	UCART1	593967.59	4123119.92	593967.59, 4123119.92	12.13235	208.34239
333	UCART1	594007.59	4123119.92	594007.59, 4123119.92	11.28482	179.60311
334	UCART1	592567.59	4123159.92	592567.59, 4123159.92	0.42169	54.63529
335	UCART1	592607.59	4123159.92	592607.59, 4123159.92	0.44132	57.12629
336	UCART1	592647.59	4123159.92	592647.59, 4123159.92	0.46182	60.17938
337	UCART1	592687.59	4123159.92	592687.59, 4123159.92	0.48142	65.72295
338	UCART1	592727.59	4123159.92	592727.59, 4123159.92	0.50407	69.59401
339	UCART1	592767.59	4123159.92	592767.59, 4123159.92	0.52874	73.78185
340	UCART1	592807.59	4123159.92	592807.59, 4123159.92	0.5549	77.65594
341	UCART1	592847.59	4123159.92	592847.59, 4123159.92	0.5824	82.19211
342	UCART1	592887.59	4123159.92	592887.59, 4123159.92	0.6117	87.50198
343	UCART1	592927.59	4123159.92	592927.59, 4123159.92	0.64239	93.26297
344	UCART1	592967.59	4123159.92	592967.59, 4123159.92	0.67422	98.66625
345	UCART1	593007.59	4123159.92	593007.59, 4123159.92	0.70757	104.31286
346	UCART1	593047.59	4123159.92	593047.59, 4123159.92	0.74058	111.57446
347	UCART1	593087.59	4123159.92	593087.59, 4123159.92	0.77532	121.609
348	UCART1	593127.59	4123159.92	593127.59, 4123159.92	0.81128	131.58114
349	UCART1	593167.59	4123159.92	593167.59, 4123159.92	0.84958	139.41245
350	UCART1	593207.59	4123159.92	593207.59, 4123159.92	0.91595	134.87293
351	UCART1	593247.59	4123159.92	593247.59, 4123159.92	0.95737	148.99538
352	UCART1	593287.59	4123159.92	593287.59, 4123159.92	0.99972	164.66083
353	UCART1	593327.59	4123159.92	593327.59, 4123159.92	1.04779	180.97657
354	UCART1	593367.59	4123159.92	593367.59, 4123159.92	1.10708	196.40396
355	UCART1	593407.59	4123159.92	593407.59, 4123159.92	1.19041	223.76354
356	UCART1	593447.59	4123159.92	593447.59, 4123159.92	1.31527	251.3994
357	UCART1	593487.59	4123159.92	593487.59, 4123159.92	1.50674	279.25353
358	UCART1	593527.59	4123159.92	593527.59, 4123159.92	1.7915	343.47414
359	UCART1	593567.59	4123159.92	593567.59, 4123159.92	2.20341	335.80861
360	UCART1	593607.59	4123159.92	593607.59, 4123159.92	2.8653	352.98736
361	UCART1	593647.59	4123159.92	593647.59, 4123159.92	4.26479	343.8656
362	UCART1	593687.59	4123159.92	593687.59, 4123159.92	7.01985	401.46085
363	UCART1	593727.59	4123159.92	593727.59, 4123159.92	10.85503	383.75381
364	UCART1	593767.59	4123159.92	593767.59, 4123159.92	14.44914	349.6798
365	UCART1	593807.59	4123159.92	593807.59, 4123159.92	16.63118	316.00461
366	UCART1	593847.59	4123159.92	593847.59, 4123159.92	17.22158	285.1842
367	UCART1	593887.59	4123159.92	593887.59, 4123159.92	16.74583	267.01841
368	UCART1	593927.59	4123159.92	593927.59, 4123159.92	15.65011	251.00347

369	UCART1	593967.59	4123159.92	593967.59, 4123159.92	14.25355	206.84816
370	UCART1	594007.59	4123159.92	594007.59, 4123159.92	12.79856	186.90886
371	UCART1	592567.59	4123199.92	592567.59, 4123199.92	0.45322	54.80683
372	UCART1	592607.59	4123199.92	592607.59, 4123199.92	0.47638	57.28616
373	UCART1	592647.59	4123199.92	592647.59, 4123199.92	0.50108	59.97561
374	UCART1	592687.59	4123199.92	592687.59, 4123199.92	0.5259	65.36878
375	UCART1	592727.59	4123199.92	592727.59, 4123199.92	0.55203	71.61518
376	UCART1	592767.59	4123199.92	592767.59, 4123199.92	0.58269	75.68062
377	UCART1	592807.59	4123199.92	592807.59, 4123199.92	0.61604	79.3548
378	UCART1	592847.59	4123199.92	592847.59, 4123199.92	0.6527	82.22596
379	UCART1	592887.59	4123199.92	592887.59, 4123199.92	0.69138	87.09409
380	UCART1	592927.59	4123199.92	592927.59, 4123199.92	0.73304	92.79703
381	UCART1	592967.59	4123199.92	592967.59, 4123199.92	0.77795	98.96875
382	UCART1	593007.59	4123199.92	593007.59, 4123199.92	0.82527	107.18932
383	UCART1	593047.59	4123199.92	593047.59, 4123199.92	0.87624	115.78336
384	UCART1	593087.59	4123199.92	593087.59, 4123199.92	0.92988	124.32154
385	UCART1	593127.59	4123199.92	593127.59, 4123199.92	0.98485	134.38834
386	UCART1	593167.59	4123199.92	593167.59, 4123199.92	1.06941	126.25105
387	UCART1	593207.59	4123199.92	593207.59, 4123199.92	1.13574	140.43038
388	UCART1	593247.59	4123199.92	593247.59, 4123199.92	1.20432	154.65323
389	UCART1	593287.59	4123199.92	593287.59, 4123199.92	1.27389	178.13593
390	UCART1	593327.59	4123199.92	593327.59, 4123199.92	1.34692	198.26204
391	UCART1	593367.59	4123199.92	593367.59, 4123199.92	1.42635	223.80609
392	UCART1	593407.59	4123199.92	593407.59, 4123199.92	1.52355	249.16234
393	UCART1	593447.59	4123199.92	593447.59, 4123199.92	1.66238	288.75181
394	UCART1	593487.59	4123199.92	593487.59, 4123199.92	1.88364	332.98392
395	UCART1	593527.59	4123199.92	593527.59, 4123199.92	2.25251	383.41079
396	UCART1	593567.59	4123199.92	593567.59, 4123199.92	2.8306	454.70155
397	UCART1	593607.59	4123199.92	593607.59, 4123199.92	3.82248	443.97714
398	UCART1	593647.59	4123199.92	593647.59, 4123199.92	6.15785	448.48854
399	UCART1	593687.59	4123199.92	593687.59, 4123199.92	11.01942	501.50866
400	UCART1	593727.59	4123199.92	593727.59, 4123199.92	17.24368	462.96954
401	UCART1	593767.59	4123199.92	593767.59, 4123199.92	21.91057	421.87313
402	UCART1	593807.59	4123199.92	593807.59, 4123199.92	23.61132	376.70469
403	UCART1	593847.59	4123199.92	593847.59, 4123199.92	22.99363	342.34866
404	UCART1	593887.59	4123199.92	593887.59, 4123199.92	21.09623	310.30911
405	UCART1	593927.59	4123199.92	593927.59, 4123199.92	18.68105	255.22457
406	UCART1	593967.59	4123199.92	593967.59, 4123199.92	16.19924	225.25476
407	UCART1	594007.59	4123199.92	594007.59, 4123199.92	13.90078	203.43494
408	UCART1	592567.59	4123239.92	592567.59, 4123239.92	0.48638	55.00563
409	UCART1	592607.59	4123239.92	592607.59, 4123239.92	0.51328	57.39763
410	UCART1	592647.59	4123239.92	592647.59, 4123239.92	0.54316	59.62571
411	UCART1	592687.59	4123239.92	592687.59, 4123239.92	0.57343	63.7068
412	UCART1	592727.59	4123239.92	592727.59, 4123239.92	0.60422	69.86443
413	UCART1	592767.59	4123239.92	592767.59, 4123239.92	0.63838	75.67764
414	UCART1	592807.59	4123239.92	592807.59, 4123239.92	0.67897	80.06798
415	UCART1	592847.59	4123239.92	592847.59, 4123239.92	0.7238	84.30808

416	UCART1	592887.59	4123239.92	592887.59, 4123239.92	0.77137	91.24942
417	UCART1	592927.59	4123239.92	592927.59, 4123239.92	0.82623	96.87149
418	UCART1	592967.59	4123239.92	592967.59, 4123239.92	0.88777	101.51789
419	UCART1	593007.59	4123239.92	593007.59, 4123239.92	0.95279	107.70947
420	UCART1	593047.59	4123239.92	593047.59, 4123239.92	1.02543	115.5529
421	UCART1	593087.59	4123239.92	593087.59, 4123239.92	1.10416	125.79785
422	UCART1	593127.59	4123239.92	593127.59, 4123239.92	1.2088	119.14915
423	UCART1	593167.59	4123239.92	593167.59, 4123239.92	1.30652	132.24909
424	UCART1	593207.59	4123239.92	593207.59, 4123239.92	1.41323	145.95822
425	UCART1	593247.59	4123239.92	593247.59, 4123239.92	1.52896	163.83066
426	UCART1	593287.59	4123239.92	593287.59, 4123239.92	1.65322	186.79918
427	UCART1	593327.59	4123239.92	593327.59, 4123239.92	1.78499	212.2707
428	UCART1	593367.59	4123239.92	593367.59, 4123239.92	1.92361	250.77021
429	UCART1	593407.59	4123239.92	593407.59, 4123239.92	2.07473	289.70165
430	UCART1	593447.59	4123239.92	593447.59, 4123239.92	2.25379	331.38896
431	UCART1	593487.59	4123239.92	593487.59, 4123239.92	2.5133	394.17509
432	UCART1	593527.59	4123239.92	593527.59, 4123239.92	2.97383	467.12513
433	UCART1	593567.59	4123239.92	593567.59, 4123239.92	3.80468	604.69366
434	UCART1	593607.59	4123239.92	593607.59, 4123239.92	5.40054	578.56265
435	UCART1	593647.59	4123239.92	593647.59, 4123239.92	9.75339	627.33422
436	UCART1	593687.59	4123239.92	593687.59, 4123239.92	19.24076	645.58332
437	UCART1	593727.59	4123239.92	593727.59, 4123239.92	29.55109	593.26927
438	UCART1	593767.59	4123239.92	593767.59, 4123239.92	34.47527	523.81017
439	UCART1	593807.59	4123239.92	593807.59, 4123239.92	33.77984	462.14364
440	UCART1	593847.59	4123239.92	593847.59, 4123239.92	30.19829	396.63301
441	UCART1	593887.59	4123239.92	593887.59, 4123239.92	25.59967	319.86989
442	UCART1	593927.59	4123239.92	593927.59, 4123239.92	21.13027	282.33836
443	UCART1	593967.59	4123239.92	593967.59, 4123239.92	17.23453	246.33255
444	UCART1	594007.59	4123239.92	594007.59, 4123239.92	14.07412	211.59752
445	UCART1	592567.59	4123279.92	592567.59, 4123279.92	0.52365	55.34404
446	UCART1	592607.59	4123279.92	592607.59, 4123279.92	0.55489	57.49938
447	UCART1	592647.59	4123279.92	592647.59, 4123279.92	0.60076	51.21474
448	UCART1	592687.59	4123279.92	592687.59, 4123279.92	0.63734	54.0891
449	UCART1	592727.59	4123279.92	592727.59, 4123279.92	0.66316	67.43325
450	UCART1	592767.59	4123279.92	592767.59, 4123279.92	0.70131	74.02314
451	UCART1	592807.59	4123279.92	592807.59, 4123279.92	0.74694	80.10966
452	UCART1	592847.59	4123279.92	592847.59, 4123279.92	0.80036	85.29567
453	UCART1	592887.59	4123279.92	592887.59, 4123279.92	0.857	92.6744
454	UCART1	592927.59	4123279.92	592927.59, 4123279.92	0.92649	98.04641
455	UCART1	592967.59	4123279.92	592967.59, 4123279.92	1.00482	103.31562
456	UCART1	593007.59	4123279.92	593007.59, 4123279.92	1.08989	111.23323
457	UCART1	593047.59	4123279.92	593047.59, 4123279.92	1.18673	119.68126
458	UCART1	593087.59	4123279.92	593087.59, 4123279.92	1.29616	130.70772
459	UCART1	593127.59	4123279.92	593127.59, 4123279.92	1.44615	123.0421
460	UCART1	593167.59	4123279.92	593167.59, 4123279.92	1.58927	135.15684
461	UCART1	593207.59	4123279.92	593207.59, 4123279.92	1.75211	150.91626
462	UCART1	593247.59	4123279.92	593247.59, 4123279.92	1.93915	172.40359

463	UCART1	593287.59	4123279.92	593287.59, 4123279.92	2.15479	197.61654
464	UCART1	593327.59	4123279.92	593327.59, 4123279.92	2.39919	225.76879
465	UCART1	593367.59	4123279.92	593367.59, 4123279.92	2.6755	267.75965
466	UCART1	593407.59	4123279.92	593407.59, 4123279.92	2.99374	321.92259
467	UCART1	593447.59	4123279.92	593447.59, 4123279.92	3.32671	390.46358
468	UCART1	593487.59	4123279.92	593487.59, 4123279.92	3.69951	473.1266
469	UCART1	593527.59	4123279.92	593527.59, 4123279.92	4.29782	591.05218
470	UCART1	593567.59	4123279.92	593567.59, 4123279.92	5.49497	749.71068
471	UCART1	593607.59	4123279.92	593607.59, 4123279.92	8.27741	833.41415
472	UCART1	593647.59	4123279.92	593647.59, 4123279.92	17.77999	943.65861
473	UCART1	593687.59	4123279.92	593687.59, 4123279.92	38.99377	929.65081
474	UCART1	593727.59	4123279.92	593727.59, 4123279.92	55.01516	780.92157
475	UCART1	593767.59	4123279.92	593767.59, 4123279.92	54.94182	674.66584
476	UCART1	593807.59	4123279.92	593807.59, 4123279.92	46.46958	527.03311
477	UCART1	593847.59	4123279.92	593847.59, 4123279.92	36.64739	430.17825
478	UCART1	593887.59	4123279.92	593887.59, 4123279.92	28.07363	360.05098
479	UCART1	593927.59	4123279.92	593927.59, 4123279.92	21.47503	296.77176
480	UCART1	593967.59	4123279.92	593967.59, 4123279.92	16.56265	254.88345
481	UCART1	594007.59	4123279.92	594007.59, 4123279.92	13.02954	221.02375
482	UCART1	592567.59	4123319.92	592567.59, 4123319.92	0.56794	53.24815
483	UCART1	592607.59	4123319.92	592607.59, 4123319.92	0.61634	48.67498
484	UCART1	592647.59	4123319.92	592647.59, 4123319.92	0.65502	51.10209
485	UCART1	592687.59	4123319.92	592687.59, 4123319.92	0.69751	53.76055
486	UCART1	592727.59	4123319.92	592727.59, 4123319.92	0.74441	56.99903
487	UCART1	592767.59	4123319.92	592767.59, 4123319.92	0.77686	71.35258
488	UCART1	592807.59	4123319.92	592807.59, 4123319.92	0.82547	79.67048
489	UCART1	592847.59	4123319.92	592847.59, 4123319.92	0.88752	85.77726
490	UCART1	592887.59	4123319.92	592887.59, 4123319.92	0.95599	93.01963
491	UCART1	592927.59	4123319.92	592927.59, 4123319.92	1.0429	98.00029
492	UCART1	592967.59	4123319.92	592967.59, 4123319.92	1.13705	104.88952
493	UCART1	593007.59	4123319.92	593007.59, 4123319.92	1.24456	112.7002
494	UCART1	593047.59	4123319.92	593047.59, 4123319.92	1.37243	119.99929
495	UCART1	593087.59	4123319.92	593087.59, 4123319.92	1.55047	112.84633
496	UCART1	593127.59	4123319.92	593127.59, 4123319.92	1.72219	125.48358
497	UCART1	593167.59	4123319.92	593167.59, 4123319.92	1.92441	140.09228
498	UCART1	593207.59	4123319.92	593207.59, 4123319.92	2.16259	157.85567
499	UCART1	593247.59	4123319.92	593247.59, 4123319.92	2.44973	179.58261
500	UCART1	593287.59	4123319.92	593287.59, 4123319.92	2.80254	206.82978
501	UCART1	593327.59	4123319.92	593327.59, 4123319.92	3.23282	238.2082
502	UCART1	593367.59	4123319.92	593367.59, 4123319.92	3.76935	286.81908
503	UCART1	593407.59	4123319.92	593407.59, 4123319.92	4.41296	348.56341
504	UCART1	593447.59	4123319.92	593447.59, 4123319.92	5.23802	437.05874
505	UCART1	593487.59	4123319.92	593487.59, 4123319.92	6.16689	576.55699
506	UCART1	593527.59	4123319.92	593527.59, 4123319.92	7.36909	760.86301
507	UCART1	593567.59	4123319.92	593567.59, 4123319.92	9.27758	1039.9818
508	UCART1	593607.59	4123319.92	593607.59, 4123319.92	14.66178	1518.62142
509	UCART1	593647.59	4123319.92	593647.59, 4123319.92	42.23488	1742.23979

510	UCART1	593687.59	4123319.92	593687.59, 4123319.92	97.21643	1378.03688
511	UCART1	593727.59	4123319.92	593727.59, 4123319.92	106.4443	1128.18752
512	UCART1	593767.59	4123319.92	593767.59, 4123319.92	80.44707	773.87934
513	UCART1	593807.59	4123319.92	593807.59, 4123319.92	55.02612	607.00044
514	UCART1	593847.59	4123319.92	593847.59, 4123319.92	37.46954	463.78431
515	UCART1	593887.59	4123319.92	593887.59, 4123319.92	26.0865	375.40809
516	UCART1	593927.59	4123319.92	593927.59, 4123319.92	18.86034	312.40813
517	UCART1	593967.59	4123319.92	593967.59, 4123319.92	14.07155	265.37406
518	UCART1	594007.59	4123319.92	594007.59, 4123319.92	10.91494	236.94385
519	UCART1	592567.59	4123359.92	592567.59, 4123359.92	0.63083	48.70824
520	UCART1	592607.59	4123359.92	592607.59, 4123359.92	0.67105	51.30542
521	UCART1	592647.59	4123359.92	592647.59, 4123359.92	0.71543	54.14869
522	UCART1	592687.59	4123359.92	592687.59, 4123359.92	0.76459	57.2367
523	UCART1	592727.59	4123359.92	592727.59, 4123359.92	0.81943	60.60846
524	UCART1	592767.59	4123359.92	592767.59, 4123359.92	0.88056	64.33734
525	UCART1	592807.59	4123359.92	592807.59, 4123359.92	0.92287	80.55672
526	UCART1	592847.59	4123359.92	592847.59, 4123359.92	0.99246	87.68986
527	UCART1	592887.59	4123359.92	592887.59, 4123359.92	1.0774	93.84221
528	UCART1	592927.59	4123359.92	592927.59, 4123359.92	1.18316	98.3958
529	UCART1	592967.59	4123359.92	592967.59, 4123359.92	1.29741	105.66925
530	UCART1	593007.59	4123359.92	593007.59, 4123359.92	1.46985	98.35987
531	UCART1	593047.59	4123359.92	593047.59, 4123359.92	1.63041	107.0516
532	UCART1	593087.59	4123359.92	593087.59, 4123359.92	1.82075	117.01181
533	UCART1	593127.59	4123359.92	593127.59, 4123359.92	2.04881	128.79024
534	UCART1	593167.59	4123359.92	593167.59, 4123359.92	2.32469	142.53043
535	UCART1	593207.59	4123359.92	593207.59, 4123359.92	2.66184	160.89846
536	UCART1	593247.59	4123359.92	593247.59, 4123359.92	3.0838	184.17759
537	UCART1	593287.59	4123359.92	593287.59, 4123359.92	3.62779	213.41667
538	UCART1	593327.59	4123359.92	593327.59, 4123359.92	4.33529	250.18672
539	UCART1	593367.59	4123359.92	593367.59, 4123359.92	5.29209	301.5081
540	UCART1	593407.59	4123359.92	593407.59, 4123359.92	6.54955	371.85079
541	UCART1	593447.59	4123359.92	593447.59, 4123359.92	8.36765	477.94989
542	UCART1	593487.59	4123359.92	593487.59, 4123359.92	11.21837	645.37522
543	UCART1	593527.59	4123359.92	593527.59, 4123359.92	15.47112	939.07625
544	UCART1	593567.59	4123359.92	593567.59, 4123359.92	22.20517	1560.78019
545	UCART1	593607.59	4123359.92	593607.59, 4123359.92	36.62598	2818.12287
546	UCART1	593647.59	4123359.92	593647.59, 4123359.92	171.5879	4103.12215
547	UCART1	593687.59	4123359.92	593687.59, 4123359.92	284.0132	2513.90357
548	UCART1	593727.59	4123359.92	593727.59, 4123359.92	163.1311	1414.81958
549	UCART1	593767.59	4123359.92	593767.59, 4123359.92	83.88684	904.0865
550	UCART1	593807.59	4123359.92	593807.59, 4123359.92	47.27077	658.00098
551	UCART1	593847.59	4123359.92	593847.59, 4123359.92	29.54209	520.35323
552	UCART1	593887.59	4123359.92	593887.59, 4123359.92	19.97811	415.3433
553	UCART1	593927.59	4123359.92	593927.59, 4123359.92	14.33875	336.33315
554	UCART1	593967.59	4123359.92	593967.59, 4123359.92	10.74004	276.08797
555	UCART1	594007.59	4123359.92	594007.59, 4123359.92	8.33713	229.70977
556	UCART1	592567.59	4123399.92	592567.59, 4123399.92	0.68551	47.91701

557	UCART1	592607.59	4123399.92	592607.59, 4123399.92	0.73148	50.53039
558	UCART1	592647.59	4123399.92	592647.59, 4123399.92	0.78252	53.3934
559	UCART1	592687.59	4123399.92	592687.59, 4123399.92	0.8395	56.54083
560	UCART1	592727.59	4123399.92	592727.59, 4123399.92	0.90375	60.03011
561	UCART1	592767.59	4123399.92	592767.59, 4123399.92	0.9758	63.89289
562	UCART1	592807.59	4123399.92	592807.59, 4123399.92	1.05679	68.17613
563	UCART1	592847.59	4123399.92	592847.59, 4123399.92	1.11786	85.87006
564	UCART1	592887.59	4123399.92	592887.59, 4123399.92	1.21989	92.58453
565	UCART1	592927.59	4123399.92	592927.59, 4123399.92	1.34268	98.9042
566	UCART1	592967.59	4123399.92	592967.59, 4123399.92	1.52338	91.65
567	UCART1	593007.59	4123399.92	593007.59, 4123399.92	1.69382	99.80655
568	UCART1	593047.59	4123399.92	593047.59, 4123399.92	1.89702	109.28451
569	UCART1	593087.59	4123399.92	593087.59, 4123399.92	2.14402	120.48601
570	UCART1	593127.59	4123399.92	593127.59, 4123399.92	2.44332	133.75942
571	UCART1	593167.59	4123399.92	593167.59, 4123399.92	2.81824	149.83494
572	UCART1	593207.59	4123399.92	593207.59, 4123399.92	3.29007	169.4545
573	UCART1	593247.59	4123399.92	593247.59, 4123399.92	3.90211	193.94632
574	UCART1	593287.59	4123399.92	593287.59, 4123399.92	4.71811	225.28879
575	UCART1	593327.59	4123399.92	593327.59, 4123399.92	5.84338	266.56038
576	UCART1	593367.59	4123399.92	593367.59, 4123399.92	7.45416	322.53057
577	UCART1	593407.59	4123399.92	593407.59, 4123399.92	9.92034	402.70253
578	UCART1	593447.59	4123399.92	593447.59, 4123399.92	13.92699	523.83251
579	UCART1	593487.59	4123399.92	593487.59, 4123399.92	21.15254	723.49346
580	UCART1	593527.59	4123399.92	593527.59, 4123399.92	36.77434	1101.95892
581	UCART1	593567.59	4123399.92	593567.59, 4123399.92	82.00701	2000.04632
582	UCART1	593607.59	4123399.92	593607.59, 4123399.92	275.2565	5711.25892
583	UCART1	593647.59	4123399.92	593647.59, 4123399.92	392.7682	5262.65646
584	UCART1	593687.59	4123399.92	593687.59, 4123399.92	308.4639	3464.33677
585	UCART1	593727.59	4123399.92	593727.59, 4123399.92	102.873	1544.30821
586	UCART1	593767.59	4123399.92	593767.59, 4123399.92	49.06493	884.6318
587	UCART1	593807.59	4123399.92	593807.59, 4123399.92	28.59352	582.53236
588	UCART1	593847.59	4123399.92	593847.59, 4123399.92	18.79753	435.52733
589	UCART1	593887.59	4123399.92	593887.59, 4123399.92	13.30782	341.78532
590	UCART1	593927.59	4123399.92	593927.59, 4123399.92	9.9362	277.94317
591	UCART1	593967.59	4123399.92	593967.59, 4123399.92	7.74166	232.4051
592	UCART1	594007.59	4123399.92	594007.59, 4123399.92	6.23897	198.75303
593	UCART1	592567.59	4123439.92	592567.59, 4123439.92	0.74629	46.26626
594	UCART1	592607.59	4123439.92	592607.59, 4123439.92	0.79906	48.70555
595	UCART1	592647.59	4123439.92	592647.59, 4123439.92	0.858	51.36562
596	UCART1	592687.59	4123439.92	592687.59, 4123439.92	0.92418	54.29075
597	UCART1	592727.59	4123439.92	592727.59, 4123439.92	0.99918	57.52771
598	UCART1	592767.59	4123439.92	592767.59, 4123439.92	1.08395	61.11211
599	UCART1	592807.59	4123439.92	592807.59, 4123439.92	1.18089	65.13147
600	UCART1	592847.59	4123439.92	592847.59, 4123439.92	1.29068	69.66651
601	UCART1	592887.59	4123439.92	592887.59, 4123439.92	1.38418	88.89794
602	UCART1	592927.59	4123439.92	592927.59, 4123439.92	1.53495	94.5461
603	UCART1	592967.59	4123439.92	592967.59, 4123439.92	1.7506	87.33553

604	UCART1	593007.59	4123439.92	593007.59, 4123439.92	1.96538	95.02647
605	UCART1	593047.59	4123439.92	593047.59, 4123439.92	2.22672	103.95818
606	UCART1	593087.59	4123439.92	593087.59, 4123439.92	2.54719	114.30052
607	UCART1	593127.59	4123439.92	593127.59, 4123439.92	2.94416	126.46862
608	UCART1	593167.59	4123439.92	593167.59, 4123439.92	3.46304	141.23964
609	UCART1	593207.59	4123439.92	593207.59, 4123439.92	4.13364	159.82773
610	UCART1	593247.59	4123439.92	593247.59, 4123439.92	5.03443	182.79199
611	UCART1	593287.59	4123439.92	593287.59, 4123439.92	6.28697	212.40274
612	UCART1	593327.59	4123439.92	593327.59, 4123439.92	8.11162	251.85486
613	UCART1	593367.59	4123439.92	593367.59, 4123439.92	10.89582	303.87069
614	UCART1	593407.59	4123439.92	593407.59, 4123439.92	15.46952	376.93592
615	UCART1	593447.59	4123439.92	593447.59, 4123439.92	23.74239	483.9358
616	UCART1	593487.59	4123439.92	593487.59, 4123439.92	40.7663	709.13331
617	UCART1	593527.59	4123439.92	593527.59, 4123439.92	82.08933	1184.38856
618	UCART1	593567.59	4123439.92	593567.59, 4123439.92	199.7038	2248.95584
619	UCART1	593607.59	4123439.92	593607.59, 4123439.92	402.9286	4377.48536
620	UCART1	593647.59	4123439.92	593647.59, 4123439.92	211.7783	4488.70498
621	UCART1	593687.59	4123439.92	593687.59, 4123439.92	80.24781	2296.28748
622	UCART1	593727.59	4123439.92	593727.59, 4123439.92	42.14053	1227.61104
623	UCART1	593767.59	4123439.92	593767.59, 4123439.92	25.66093	784.85382
624	UCART1	593807.59	4123439.92	593807.59, 4123439.92	17.36545	570.84241
625	UCART1	593847.59	4123439.92	593847.59, 4123439.92	12.65427	443.69107
626	UCART1	593887.59	4123439.92	593887.59, 4123439.92	9.69896	355.80853
627	UCART1	593927.59	4123439.92	593927.59, 4123439.92	7.70912	292.63285
628	UCART1	593967.59	4123439.92	593967.59, 4123439.92	6.27998	245.43439
629	UCART1	594007.59	4123439.92	594007.59, 4123439.92	5.22348	209.24463
630	UCART1	592567.59	4123479.92	592567.59, 4123479.92	0.81466	45.70817
631	UCART1	592607.59	4123479.92	592607.59, 4123479.92	0.87495	48.10068
632	UCART1	592647.59	4123479.92	592647.59, 4123479.92	0.94334	50.86061
633	UCART1	592687.59	4123479.92	592687.59, 4123479.92	1.02074	53.84409
634	UCART1	592727.59	4123479.92	592727.59, 4123479.92	1.10893	57.13906
635	UCART1	592767.59	4123479.92	592767.59, 4123479.92	1.20963	60.7691
636	UCART1	592807.59	4123479.92	592807.59, 4123479.92	1.32592	64.78913
637	UCART1	592847.59	4123479.92	592847.59, 4123479.92	1.46035	69.24345
638	UCART1	592887.59	4123479.92	592887.59, 4123479.92	1.58029	86.71753
639	UCART1	592927.59	4123479.92	592927.59, 4123479.92	1.80463	80.32472
640	UCART1	592967.59	4123479.92	592967.59, 4123479.92	2.03081	87.20108
641	UCART1	593007.59	4123479.92	593007.59, 4123479.92	2.3069	94.95465
642	UCART1	593047.59	4123479.92	593047.59, 4123479.92	2.6475	103.78583
643	UCART1	593087.59	4123479.92	593087.59, 4123479.92	3.07622	114.16217
644	UCART1	593127.59	4123479.92	593127.59, 4123479.92	3.62449	126.36795
645	UCART1	593167.59	4123479.92	593167.59, 4123479.92	4.3397	140.50209
646	UCART1	593207.59	4123479.92	593207.59, 4123479.92	5.30142	157.90921
647	UCART1	593247.59	4123479.92	593247.59, 4123479.92	6.62953	179.37411
648	UCART1	593287.59	4123479.92	593287.59, 4123479.92	8.52598	205.94874
649	UCART1	593327.59	4123479.92	593327.59, 4123479.92	11.35332	253.02667
650	UCART1	593367.59	4123479.92	593367.59, 4123479.92	15.80309	325.49194

651	UCART1	593407.59	4123479.92	593407.59, 4123479.92	23.12541	429.75102
652	UCART1	593447.59	4123479.92	593447.59, 4123479.92	35.2971	554.60618
653	UCART1	593487.59	4123479.92	593487.59, 4123479.92	56.05569	789.04122
654	UCART1	593527.59	4123479.92	593527.59, 4123479.92	89.76162	1023.37559
655	UCART1	593567.59	4123479.92	593567.59, 4123479.92	127.2285	1537.06681
656	UCART1	593607.59	4123479.92	593607.59, 4123479.92	121.5772	1977.89309
657	UCART1	593647.59	4123479.92	593647.59, 4123479.92	70.2471	2008.49591
658	UCART1	593687.59	4123479.92	593687.59, 4123479.92	37.86332	1623.25384
659	UCART1	593727.59	4123479.92	593727.59, 4123479.92	25.74781	986.30634
660	UCART1	593767.59	4123479.92	593767.59, 4123479.92	18.55496	678.70866
661	UCART1	593807.59	4123479.92	593807.59, 4123479.92	13.80126	521.69467
662	UCART1	593847.59	4123479.92	593847.59, 4123479.92	10.49348	408.80321
663	UCART1	593887.59	4123479.92	593887.59, 4123479.92	8.20491	326.29123
664	UCART1	593927.59	4123479.92	593927.59, 4123479.92	6.6002	271.49085
665	UCART1	593967.59	4123479.92	593967.59, 4123479.92	5.42533	228.94863
666	UCART1	594007.59	4123479.92	594007.59, 4123479.92	4.55894	197.71534
667	UCART1	592567.59	4123519.92	592567.59, 4123519.92	0.89185	45.86338
668	UCART1	592607.59	4123519.92	592607.59, 4123519.92	0.96259	48.39579
669	UCART1	592647.59	4123519.92	592647.59, 4123519.92	1.04223	51.10913
670	UCART1	592687.59	4123519.92	592687.59, 4123519.92	1.13342	54.08688
671	UCART1	592727.59	4123519.92	592727.59, 4123519.92	1.23818	57.32833
672	UCART1	592767.59	4123519.92	592767.59, 4123519.92	1.3596	60.88265
673	UCART1	592807.59	4123519.92	592807.59, 4123519.92	1.50069	64.91882
674	UCART1	592847.59	4123519.92	592847.59, 4123519.92	1.66703	69.3754
675	UCART1	592887.59	4123519.92	592887.59, 4123519.92	1.86206	74.19751
676	UCART1	592927.59	4123519.92	592927.59, 4123519.92	2.09739	79.44491
677	UCART1	592967.59	4123519.92	592967.59, 4123519.92	2.38698	85.86658
678	UCART1	593007.59	4123519.92	593007.59, 4123519.92	2.74499	93.21908
679	UCART1	593047.59	4123519.92	593047.59, 4123519.92	3.19291	101.41477
680	UCART1	593087.59	4123519.92	593087.59, 4123519.92	3.76393	111.00547
681	UCART1	593127.59	4123519.92	593127.59, 4123519.92	4.50442	122.99374
682	UCART1	593167.59	4123519.92	593167.59, 4123519.92	5.48212	139.63402
683	UCART1	593207.59	4123519.92	593207.59, 4123519.92	6.80123	166.11949
684	UCART1	593247.59	4123519.92	593247.59, 4123519.92	8.62432	198.00126
685	UCART1	593287.59	4123519.92	593287.59, 4123519.92	11.17652	240.10431
686	UCART1	593327.59	4123519.92	593327.59, 4123519.92	14.80739	286.73789
687	UCART1	593367.59	4123519.92	593367.59, 4123519.92	20.09354	332.95507
688	UCART1	593407.59	4123519.92	593407.59, 4123519.92	27.8743	439.44418
689	UCART1	593447.59	4123519.92	593447.59, 4123519.92	38.94644	540.26763
690	UCART1	593487.59	4123519.92	593487.59, 4123519.92	53.06402	637.55864
691	UCART1	593527.59	4123519.92	593527.59, 4123519.92	66.25043	869.12738
692	UCART1	593567.59	4123519.92	593567.59, 4123519.92	69.28388	1009.37997
693	UCART1	593607.59	4123519.92	593607.59, 4123519.92	57.54631	1292.72853
694	UCART1	593647.59	4123519.92	593647.59, 4123519.92	39.20004	1203.66042
695	UCART1	593687.59	4123519.92	593687.59, 4123519.92	24.57106	1017.34213
696	UCART1	593727.59	4123519.92	593727.59, 4123519.92	17.67598	789.18187
697	UCART1	593767.59	4123519.92	593767.59, 4123519.92	13.79254	596.02074

698	UCART1	593807.59	4123519.92	593807.59, 4123519.92	10.77089	453.92218
699	UCART1	593847.59	4123519.92	593847.59, 4123519.92	8.59074	364.57828
700	UCART1	593887.59	4123519.92	593887.59, 4123519.92	6.92142	304.9684
701	UCART1	593927.59	4123519.92	593927.59, 4123519.92	5.71297	254.9416
702	UCART1	593967.59	4123519.92	593967.59, 4123519.92	4.76939	220.11687
703	UCART1	594007.59	4123519.92	594007.59, 4123519.92	4.06078	189.1651
704	UCART1	592567.59	4123559.92	592567.59, 4123559.92	0.98019	45.74194
705	UCART1	592607.59	4123559.92	592607.59, 4123559.92	1.06351	48.10329
706	UCART1	592647.59	4123559.92	592647.59, 4123559.92	1.15838	50.61209
707	UCART1	592687.59	4123559.92	592687.59, 4123559.92	1.26715	53.21871
708	UCART1	592727.59	4123559.92	592727.59, 4123559.92	1.39303	56.46277
709	UCART1	592767.59	4123559.92	592767.59, 4123559.92	1.5399	59.98619
710	UCART1	592807.59	4123559.92	592807.59, 4123559.92	1.71348	63.78907
711	UCART1	592847.59	4123559.92	592847.59, 4123559.92	1.91876	67.95295
712	UCART1	592887.59	4123559.92	592887.59, 4123559.92	2.16624	72.65564
713	UCART1	592927.59	4123559.92	592927.59, 4123559.92	2.46601	77.96113
714	UCART1	592967.59	4123559.92	592967.59, 4123559.92	2.82679	84.53917
715	UCART1	593007.59	4123559.92	593007.59, 4123559.92	3.269	91.89391
716	UCART1	593047.59	4123559.92	593047.59, 4123559.92	3.82903	104.42672
717	UCART1	593087.59	4123559.92	593087.59, 4123559.92	4.54457	119.7168
718	UCART1	593127.59	4123559.92	593127.59, 4123559.92	5.46852	136.88878
719	UCART1	593167.59	4123559.92	593167.59, 4123559.92	6.67475	159.00092
720	UCART1	593207.59	4123559.92	593207.59, 4123559.92	8.26744	182.80213
721	UCART1	593247.59	4123559.92	593247.59, 4123559.92	10.39128	206.58431
722	UCART1	593287.59	4123559.92	593287.59, 4123559.92	13.24259	230.3555
723	UCART1	593327.59	4123559.92	593327.59, 4123559.92	17.06159	291.33268
724	UCART1	593367.59	4123559.92	593367.59, 4123559.92	22.07428	345.84787
725	UCART1	593407.59	4123559.92	593407.59, 4123559.92	28.36792	370.76745
726	UCART1	593447.59	4123559.92	593447.59, 4123559.92	35.46019	456.8347
727	UCART1	593487.59	4123559.92	593487.59, 4123559.92	41.65028	581.4587
728	UCART1	593527.59	4123559.92	593527.59, 4123559.92	44.1065	612.56177
729	UCART1	593567.59	4123559.92	593567.59, 4123559.92	40.82095	808.66837
730	UCART1	593607.59	4123559.92	593607.59, 4123559.92	32.96239	944.93093
731	UCART1	593647.59	4123559.92	593647.59, 4123559.92	24.07935	770.06493
732	UCART1	593687.59	4123559.92	593687.59, 4123559.92	16.61082	730.20624
733	UCART1	593727.59	4123559.92	593727.59, 4123559.92	12.31067	666.29462
734	UCART1	593767.59	4123559.92	593767.59, 4123559.92	10.0335	484.82176
735	UCART1	593807.59	4123559.92	593807.59, 4123559.92	8.33125	405.73643
736	UCART1	593847.59	4123559.92	593847.59, 4123559.92	6.98842	327.42896
737	UCART1	593887.59	4123559.92	593887.59, 4123559.92	5.84481	275.34624
738	UCART1	593927.59	4123559.92	593927.59, 4123559.92	4.95284	235.78266
739	UCART1	593967.59	4123559.92	593967.59, 4123559.92	4.21975	206.23214
740	UCART1	594007.59	4123559.92	594007.59, 4123559.92	3.64594	180.63286
741	UCART1	592567.59	4123599.92	592567.59, 4123599.92	1.08467	45.07326
742	UCART1	592607.59	4123599.92	592607.59, 4123599.92	1.18252	47.33823
743	UCART1	592647.59	4123599.92	592647.59, 4123599.92	1.29456	49.83386
744	UCART1	592687.59	4123599.92	592687.59, 4123599.92	1.42423	52.54116

745	UCART1	592727.59	4123599.92	592727.59, 4123599.92	1.57506	55.34598
746	UCART1	592767.59	4123599.92	592767.59, 4123599.92	1.75267	58.9563
747	UCART1	592807.59	4123599.92	592807.59, 4123599.92	1.96476	63.10526
748	UCART1	592847.59	4123599.92	592847.59, 4123599.92	2.20546	67.3425
749	UCART1	592887.59	4123599.92	592887.59, 4123599.92	2.48805	73.27084
750	UCART1	592927.59	4123599.92	592927.59, 4123599.92	2.8309	81.80677
751	UCART1	592967.59	4123599.92	592967.59, 4123599.92	3.25895	91.33769
752	UCART1	593007.59	4123599.92	593007.59, 4123599.92	3.79521	101.81866
753	UCART1	593047.59	4123599.92	593047.59, 4123599.92	4.46675	115.36872
754	UCART1	593087.59	4123599.92	593087.59, 4123599.92	5.31363	129.6451
755	UCART1	593127.59	4123599.92	593127.59, 4123599.92	6.3851	143.90803
756	UCART1	593167.59	4123599.92	593167.59, 4123599.92	7.74447	156.98802
757	UCART1	593207.59	4123599.92	593207.59, 4123599.92	9.47811	174.36826
758	UCART1	593247.59	4123599.92	593247.59, 4123599.92	11.67442	212.04782
759	UCART1	593287.59	4123599.92	593287.59, 4123599.92	14.40857	245.90112
760	UCART1	593327.59	4123599.92	593327.59, 4123599.92	17.71824	266.39108
761	UCART1	593367.59	4123599.92	593367.59, 4123599.92	21.53871	288.89882
762	UCART1	593407.59	4123599.92	593407.59, 4123599.92	25.47839	354.13726
763	UCART1	593447.59	4123599.92	593447.59, 4123599.92	28.6905	424.85906
764	UCART1	593487.59	4123599.92	593487.59, 4123599.92	30.22352	432.41735
765	UCART1	593527.59	4123599.92	593527.59, 4123599.92	28.99829	522.62209
766	UCART1	593567.59	4123599.92	593567.59, 4123599.92	25.66141	586.98643
767	UCART1	593607.59	4123599.92	593607.59, 4123599.92	21.02954	706.44383
768	UCART1	593647.59	4123599.92	593647.59, 4123599.92	16.33634	553.51045
769	UCART1	593687.59	4123599.92	593687.59, 4123599.92	12.14162	600.96259
770	UCART1	593727.59	4123599.92	593727.59, 4123599.92	9.22432	489.02237
771	UCART1	593767.59	4123599.92	593767.59, 4123599.92	7.6034	445.72124
772	UCART1	593807.59	4123599.92	593807.59, 4123599.92	6.5555	349.10692
773	UCART1	593847.59	4123599.92	593847.59, 4123599.92	5.69463	301.23115
774	UCART1	593887.59	4123599.92	593887.59, 4123599.92	4.92565	249.62179
775	UCART1	593927.59	4123599.92	593927.59, 4123599.92	4.29441	218.07457
776	UCART1	593967.59	4123599.92	593967.59, 4123599.92	3.73234	191.4276
777	UCART1	594007.59	4123599.92	594007.59, 4123599.92	3.2807	169.66224
778	UCART1	593087.59	4123639.92	593087.59, 4123639.92	6.07405	124.41567
779	UCART1	593127.59	4123639.92	593127.59, 4123639.92	7.22585	138.5099
780	UCART1	593167.59	4123639.92	593167.59, 4123639.92	8.61498	163.93235
781	UCART1	593207.59	4123639.92	593207.59, 4123639.92	10.25355	186.70651
782	UCART1	593247.59	4123639.92	593247.59, 4123639.92	12.18306	202.34519
783	UCART1	593287.59	4123639.92	593287.59, 4123639.92	14.39142	206.11545
784	UCART1	593327.59	4123639.92	593327.59, 4123639.92	16.77766	240.35563
785	UCART1	593367.59	4123639.92	593367.59, 4123639.92	19.11949	284.38868
786	UCART1	593407.59	4123639.92	593407.59, 4123639.92	21.04363	328.6162
787	UCART1	593447.59	4123639.92	593447.59, 4123639.92	21.98477	329.43594
788	UCART1	593487.59	4123639.92	593487.59, 4123639.92	21.6562	381.66642
789	UCART1	593527.59	4123639.92	593527.59, 4123639.92	19.9915	458.58008
790	UCART1	593567.59	4123639.92	593567.59, 4123639.92	17.50837	450.45393
791	UCART1	593607.59	4123639.92	593607.59, 4123639.92	14.72206	546.36906

792	UCART1	593647.59	4123639.92	593647.59, 4123639.92	11.84305	429.6622
793	UCART1	593687.59	4123639.92	593687.59, 4123639.92	9.28934	487.9955
794	UCART1	593727.59	4123639.92	593727.59, 4123639.92	7.26883	369.47152
795	UCART1	593767.59	4123639.92	593767.59, 4123639.92	6.03372	381.50862
796	UCART1	593807.59	4123639.92	593807.59, 4123639.92	5.25817	311.82864
797	UCART1	593847.59	4123639.92	593847.59, 4123639.92	4.68735	267.86363
798	UCART1	593887.59	4123639.92	593887.59, 4123639.92	4.1538	235.44297
799	UCART1	593927.59	4123639.92	593927.59, 4123639.92	3.70969	200.00519
800	UCART1	593967.59	4123639.92	593967.59, 4123639.92	3.29183	178.33307
801	UCART1	594007.59	4123639.92	594007.59, 4123639.92	2.93894	159.51361
802	UCART1	593087.59	4123679.92	593087.59, 4123679.92	6.61911	131.64389
803	UCART1	593127.59	4123679.92	593127.59, 4123679.92	7.67816	147.95512
804	UCART1	593167.59	4123679.92	593167.59, 4123679.92	8.91916	160.10191
805	UCART1	593207.59	4123679.92	593207.59, 4123679.92	10.31975	164.58315
806	UCART1	593247.59	4123679.92	593247.59, 4123679.92	11.84352	170.56382
807	UCART1	593287.59	4123679.92	593287.59, 4123679.92	13.43628	202.44386
808	UCART1	593327.59	4123679.92	593327.59, 4123679.92	14.94361	235.11031
809	UCART1	593367.59	4123679.92	593367.59, 4123679.92	16.16301	264.48092
810	UCART1	593407.59	4123679.92	593407.59, 4123679.92	16.83174	260.24156
811	UCART1	593447.59	4123679.92	593447.59, 4123679.92	16.77881	284.94743
812	UCART1	593487.59	4123679.92	593487.59, 4123679.92	15.90699	335.44689
813	UCART1	593527.59	4123679.92	593527.59, 4123679.92	14.50792	367.25309
814	UCART1	593567.59	4123679.92	593567.59, 4123679.92	12.74907	387.69922
815	UCART1	593607.59	4123679.92	593607.59, 4123679.92	10.92426	434.16126
816	UCART1	593647.59	4123679.92	593647.59, 4123679.92	9.09009	348.00544
817	UCART1	593687.59	4123679.92	593687.59, 4123679.92	7.36764	397.96517
818	UCART1	593727.59	4123679.92	593727.59, 4123679.92	5.93929	321.87018
819	UCART1	593767.59	4123679.92	593767.59, 4123679.92	4.94974	302.89255
820	UCART1	593807.59	4123679.92	593807.59, 4123679.92	4.31514	293.44179
821	UCART1	593847.59	4123679.92	593847.59, 4123679.92	3.89351	231.16682
822	UCART1	593887.59	4123679.92	593887.59, 4123679.92	3.51706	213.85707
823	UCART1	593927.59	4123679.92	593927.59, 4123679.92	3.20254	191.40661
824	UCART1	593967.59	4123679.92	593967.59, 4123679.92	2.89656	165.20685
825	UCART1	594007.59	4123679.92	594007.59, 4123679.92	2.626	149.75545
826	UCART1	593087.59	4123719.92	593087.59, 4123719.92	6.85684	130.74321
827	UCART1	593127.59	4123719.92	593127.59, 4123719.92	7.79977	135.62469
828	UCART1	593167.59	4123719.92	593167.59, 4123719.92	8.83261	136.83771
829	UCART1	593207.59	4123719.92	593207.59, 4123719.92	9.92397	151.77568
830	UCART1	593247.59	4123719.92	593247.59, 4123719.92	11.0219	172.68905
831	UCART1	593287.59	4123719.92	593287.59, 4123719.92	12.04687	198.73878
832	UCART1	593327.59	4123719.92	593327.59, 4123719.92	12.86662	219.23987
833	UCART1	593367.59	4123719.92	593367.59, 4123719.92	13.36178	211.34706
834	UCART1	593407.59	4123719.92	593407.59, 4123719.92	13.38803	231.2281
835	UCART1	593447.59	4123719.92	593447.59, 4123719.92	12.948	263.78337
836	UCART1	593487.59	4123719.92	593487.59, 4123719.92	12.08941	306.54962
837	UCART1	593527.59	4123719.92	593527.59, 4123719.92	10.97364	305.49215
838	UCART1	593567.59	4123719.92	593567.59, 4123719.92	9.75474	344.2268

839	UCART1	593607.59	4123719.92	593607.59, 4123719.92	8.45744	353.0967
840	UCART1	593647.59	4123719.92	593647.59, 4123719.92	7.21803	289.48615
841	UCART1	593687.59	4123719.92	593687.59, 4123719.92	6.01487	327.99927
842	UCART1	593727.59	4123719.92	593727.59, 4123719.92	4.95417	288.94737
843	UCART1	593767.59	4123719.92	593767.59, 4123719.92	4.16656	246.61174
844	UCART1	593807.59	4123719.92	593807.59, 4123719.92	3.63273	255.39525
845	UCART1	593847.59	4123719.92	593847.59, 4123719.92	3.27855	227.55339
846	UCART1	593887.59	4123719.92	593887.59, 4123719.92	3.00072	185.68788
847	UCART1	593927.59	4123719.92	593927.59, 4123719.92	2.76982	176.54636
848	UCART1	593967.59	4123719.92	593967.59, 4123719.92	2.54703	159.67367
849	UCART1	594007.59	4123719.92	594007.59, 4123719.92	2.34139	139.533
850	UCART1	593087.59	4123759.92	593087.59, 4123759.92	6.85697	114.7941
851	UCART1	593127.59	4123759.92	593127.59, 4123759.92	7.63215	115.80778
852	UCART1	593167.59	4123759.92	593167.59, 4123759.92	8.43429	135.26979
853	UCART1	593207.59	4123759.92	593207.59, 4123759.92	9.22958	149.08277
854	UCART1	593247.59	4123759.92	593247.59, 4123759.92	9.95341	171.0434
855	UCART1	593287.59	4123759.92	593287.59, 4123759.92	10.53972	185.90863
856	UCART1	593327.59	4123759.92	593327.59, 4123759.92	10.9021	180.08519
857	UCART1	593367.59	4123759.92	593367.59, 4123759.92	10.96211	190.92394
858	UCART1	593407.59	4123759.92	593407.59, 4123759.92	10.72822	214.12473
859	UCART1	593447.59	4123759.92	593447.59, 4123759.92	10.18507	239.75575
860	UCART1	593487.59	4123759.92	593487.59, 4123759.92	9.4697	262.35289
861	UCART1	593527.59	4123759.92	593527.59, 4123759.92	8.61053	256.32615
862	UCART1	593567.59	4123759.92	593567.59, 4123759.92	7.71901	304.01119
863	UCART1	593607.59	4123759.92	593607.59, 4123759.92	6.78454	292.86065
864	UCART1	593647.59	4123759.92	593647.59, 4123759.92	5.87111	245.4799
865	UCART1	593687.59	4123759.92	593687.59, 4123759.92	5.0122	273.20196
866	UCART1	593727.59	4123759.92	593727.59, 4123759.92	4.21594	262.7937
867	UCART1	593767.59	4123759.92	593767.59, 4123759.92	3.5786	207.74617
868	UCART1	593807.59	4123759.92	593807.59, 4123759.92	3.11701	211.62481
869	UCART1	593847.59	4123759.92	593847.59, 4123759.92	2.81214	211.38429
870	UCART1	593887.59	4123759.92	593887.59, 4123759.92	2.59964	178.97292
871	UCART1	593927.59	4123759.92	593927.59, 4123759.92	2.41523	155.77747
872	UCART1	593967.59	4123759.92	593967.59, 4123759.92	2.24342	149.06576
873	UCART1	594007.59	4123759.92	594007.59, 4123759.92	2.08652	136.1358
874	UCART1	593087.59	4123799.92	593087.59, 4123799.92	6.66084	106.16664
875	UCART1	593127.59	4123799.92	593127.59, 4123799.92	7.26539	121.03881
876	UCART1	593167.59	4123799.92	593167.59, 4123799.92	7.85363	130.05054
877	UCART1	593207.59	4123799.92	593207.59, 4123799.92	8.38596	149.34838
878	UCART1	593247.59	4123799.92	593247.59, 4123799.92	8.81613	160.43946
879	UCART1	593287.59	4123799.92	593287.59, 4123799.92	9.0949	156.10203
880	UCART1	593327.59	4123799.92	593327.59, 4123799.92	9.17929	164.41372
881	UCART1	593367.59	4123799.92	593367.59, 4123799.92	9.03151	173.83201
882	UCART1	593407.59	4123799.92	593407.59, 4123799.92	8.69677	195.4735
883	UCART1	593447.59	4123799.92	593447.59, 4123799.92	8.20102	224.34196
884	UCART1	593487.59	4123799.92	593487.59, 4123799.92	7.60426	221.0691
885	UCART1	593527.59	4123799.92	593527.59, 4123799.92	6.95871	217.45821

886	UCART1	593567.59	4123799.92	593567.59, 4123799.92	6.26488	268.24221
887	UCART1	593607.59	4123799.92	593607.59, 4123799.92	5.58365	246.92949
888	UCART1	593647.59	4123799.92	593647.59, 4123799.92	4.89367	212.10806
889	UCART1	593687.59	4123799.92	593687.59, 4123799.92	4.23951	229.74338
890	UCART1	593727.59	4123799.92	593727.59, 4123799.92	3.64732	236.57113
891	UCART1	593767.59	4123799.92	593767.59, 4123799.92	3.11753	193.3151
892	UCART1	593807.59	4123799.92	593807.59, 4123799.92	2.72547	178.77946
893	UCART1	593847.59	4123799.92	593847.59, 4123799.92	2.45977	186.79079
894	UCART1	593887.59	4123799.92	593887.59, 4123799.92	2.27554	174.74998
895	UCART1	593927.59	4123799.92	593927.59, 4123799.92	2.12341	143.00252
896	UCART1	593967.59	4123799.92	593967.59, 4123799.92	1.98577	133.55407
897	UCART1	594007.59	4123799.92	594007.59, 4123799.92	1.86508	128.31375
898	UCART1	593087.59	4123839.92	593087.59, 4123839.92	6.33076	108.73862
899	UCART1	593127.59	4123839.92	593127.59, 4123839.92	6.77689	115.45624
900	UCART1	593167.59	4123839.92	593167.59, 4123839.92	7.17892	131.96317
901	UCART1	593207.59	4123839.92	593207.59, 4123839.92	7.50612	140.45463
902	UCART1	593247.59	4123839.92	593247.59, 4123839.92	7.71907	137.07971
903	UCART1	593287.59	4123839.92	593287.59, 4123839.92	7.79873	142.71211
904	UCART1	593327.59	4123839.92	593327.59, 4123839.92	7.73121	150.42274
905	UCART1	593367.59	4123839.92	593367.59, 4123839.92	7.50636	167.28545
906	UCART1	593407.59	4123839.92	593407.59, 4123839.92	7.15591	183.01673
907	UCART1	593447.59	4123839.92	593447.59, 4123839.92	6.7327	199.57298
908	UCART1	593487.59	4123839.92	593487.59, 4123839.92	6.24538	196.37751
909	UCART1	593527.59	4123839.92	593527.59, 4123839.92	5.74237	200.89172
910	UCART1	593567.59	4123839.92	593567.59, 4123839.92	5.20534	237.17182
911	UCART1	593607.59	4123839.92	593607.59, 4123839.92	4.67509	210.91095
912	UCART1	593647.59	4123839.92	593647.59, 4123839.92	4.14942	185.82268
913	UCART1	593687.59	4123839.92	593687.59, 4123839.92	3.6474	195.25661
914	UCART1	593727.59	4123839.92	593727.59, 4123839.92	3.1854	211.62252
915	UCART1	593767.59	4123839.92	593767.59, 4123839.92	2.7561	177.19517
916	UCART1	593807.59	4123839.92	593807.59, 4123839.92	2.42536	158.3005
917	UCART1	593847.59	4123839.92	593847.59, 4123839.92	2.18092	159.30303
918	UCART1	593887.59	4123839.92	593887.59, 4123839.92	2.00871	161.86118
919	UCART1	593927.59	4123839.92	593927.59, 4123839.92	1.87699	144.49867
920	UCART1	593967.59	4123839.92	593967.59, 4123839.92	1.76623	123.14044
921	UCART1	594007.59	4123839.92	594007.59, 4123839.92	1.66952	116.18688
922	UCART1	593087.59	4123879.92	593087.59, 4123879.92	5.91818	104.64014
923	UCART1	593127.59	4123879.92	593127.59, 4123879.92	6.22911	117.7637
924	UCART1	593167.59	4123879.92	593167.59, 4123879.92	6.48256	124.41583
925	UCART1	593207.59	4123879.92	593207.59, 4123879.92	6.65633	121.74587
926	UCART1	593247.59	4123879.92	593247.59, 4123879.92	6.73074	125.10152
927	UCART1	593287.59	4123879.92	593287.59, 4123879.92	6.68451	131.26975
928	UCART1	593327.59	4123879.92	593327.59, 4123879.92	6.53446	142.17146
929	UCART1	593367.59	4123879.92	593367.59, 4123879.92	6.30104	152.04952
930	UCART1	593407.59	4123879.92	593407.59, 4123879.92	5.97932	173.82291
931	UCART1	593447.59	4123879.92	593447.59, 4123879.92	5.61577	171.28151
932	UCART1	593487.59	4123879.92	593487.59, 4123879.92	5.22684	171.92908

933	UCART1	593527.59	4123879.92	593527.59, 4123879.92	4.82138	188.6752
934	UCART1	593567.59	4123879.92	593567.59, 4123879.92	4.40306	210.54863
935	UCART1	593607.59	4123879.92	593607.59, 4123879.92	3.98475	182.02005
936	UCART1	593647.59	4123879.92	593647.59, 4123879.92	3.57628	164.71772
937	UCART1	593687.59	4123879.92	593687.59, 4123879.92	3.17636	168.9952
938	UCART1	593727.59	4123879.92	593727.59, 4123879.92	2.80384	188.71554
939	UCART1	593767.59	4123879.92	593767.59, 4123879.92	2.46182	165.82602
940	UCART1	593807.59	4123879.92	593807.59, 4123879.92	2.17805	140.41553
941	UCART1	593847.59	4123879.92	593847.59, 4123879.92	1.95762	137.93479
942	UCART1	593887.59	4123879.92	593887.59, 4123879.92	1.7951	144.58302
943	UCART1	593927.59	4123879.92	593927.59, 4123879.92	1.67763	139.08642
944	UCART1	593967.59	4123879.92	593967.59, 4123879.92	1.58218	120.17822
945	UCART1	594007.59	4123879.92	594007.59, 4123879.92	1.50218	107.25195

CONSTRUCTION RISK (UNMITIGATED)

CONSTRUCTION RISK (UNMITIGATED)

Unmitgated

Onsite Phase I	OnSite Phase II	Onsite Phase III	Phase I Offsite (Los Gatos)	Phase I Offsite (Samaritan)	Phase II Offsite (Los Gatos)	Phase II Offsite (Samaritan)	Phase III Offsite (Los Gatos)	Phase III Offsite (Samaritan)
6.73E-03	7.40E-03	4.02E-03	2.19E-05	5.70E-05	2.80E-06	7.27E-06	1.05E-05	2.74E-05

	Discrete Receptor ID	X	Y	X, Y	Concentration (AVERAGE CONC) [ug/m^3] at 1 g/s: Onsite Phase I	Onsite Phase II	Onsite Phase III	Offsite (Los Gatos)	Offsite (Samaritan)
1	UCART1	592567.59	4122799.92	592567.59, 4122799.92	0.02411	0.03156	0.02893	0.04991	0.03573
2	UCART1	592607.59	4122799.92	592607.59, 4122799.92	0.02503	0.03309	0.03025	0.05295	0.03777
3	UCART1	592647.59	4122799.92	592647.59, 4122799.92	0.02594	0.0346	0.03155	0.05585	0.03982
4	UCART1	592687.59	4122799.92	592687.59, 4122799.92	0.02708	0.03679	0.03314	0.06161	0.04237
5	UCART1	592727.59	4122799.92	592727.59, 4122799.92	0.02817	0.03898	0.03468	0.06535	0.04487
6	UCART1	592767.59	4122799.92	592767.59, 4122799.92	0.02941	0.04168	0.03642	0.06936	0.04769
7	UCART1	592807.59	4122799.92	592807.59, 4122799.92	0.03084	0.04487	0.03845	0.07327	0.05107
8	UCART1	592847.59	4122799.92	592847.59, 4122799.92	0.03214	0.04765	0.04037	0.07564	0.05401
9	UCART1	592887.59	4122799.92	592887.59, 4122799.92	0.03386	0.05115	0.04297	0.07924	0.05819
10	UCART1	592927.59	4122799.92	592927.59, 4122799.92	0.03582	0.05491	0.04604	0.08283	0.06491
11	UCART1	592967.59	4122799.92	592967.59, 4122799.92	0.03795	0.0588	0.04949	0.08687	0.06961
12	UCART1	593007.59	4122799.92	593007.59, 4122799.92	0.04009	0.0624	0.05308	0.09119	0.07427
13	UCART1	593047.59	4122799.92	593047.59, 4122799.92	0.0426	0.06676	0.05727	0.09668	0.07952
14	UCART1	593087.59	4122799.92	593087.59, 4122799.92	0.04519	0.07097	0.06156	0.10325	0.08462
15	UCART1	593127.59	4122799.92	593127.59, 4122799.92	0.04819	0.07537	0.06636	0.11113	0.09006
16	UCART1	593167.59	4122799.92	593167.59, 4122799.92	0.05119	0.07991	0.07167	0.12012	0.09566
17	UCART1	593207.59	4122799.92	593207.59, 4122799.92	0.05501	0.08491	0.07843	0.13022	0.10273
18	UCART1	593247.59	4122799.92	593247.59, 4122799.92	0.05853	0.08978	0.08465	0.14053	0.11019
19	UCART1	593287.59	4122799.92	593287.59, 4122799.92	0.06155	0.09365	0.08965	0.15058	0.11747
20	UCART1	593327.59	4122799.92	593327.59, 4122799.92	0.06508	0.09659	0.09571	0.16032	0.1265
21	UCART1	593367.59	4122799.92	593367.59, 4122799.92	0.07006	0.09923	0.10304	0.16945	0.13765
22	UCART1	593407.59	4122799.92	593407.59, 4122799.92	0.0756	0.10238	0.11	0.17714	0.15086
23	UCART1	593447.59	4122799.92	593447.59, 4122799.92	0.07917	0.10564	0.11572	0.18308	0.16442
24	UCART1	593487.59	4122799.92	593487.59, 4122799.92	0.08283	0.1095	0.12163	0.18735	0.17902
25	UCART1	593527.59	4122799.92	593527.59, 4122799.92	0.0872	0.11441	0.12973	0.18996	0.19471
26	UCART1	593567.59	4122799.92	593567.59, 4122799.92	0.0922	0.12122	0.139	0.19091	0.21069
27	UCART1	593607.59	4122799.92	593607.59, 4122799.92	0.09721	0.13042	0.15015	0.19019	0.22581
28	UCART1	593647.59	4122799.92	593647.59, 4122799.92	0.10294	0.14309	0.16422	0.18805	0.23971
29	UCART1	593687.59	4122799.92	593687.59, 4122799.92	0.10868	0.15848	0.18019	0.18454	0.25143
30	UCART1	593727.59	4122799.92	593727.59, 4122799.92	0.11536	0.17563	0.19864	0.17989	0.26108
31	UCART1	593767.59	4122799.92	593767.59, 4122799.92	0.12395	0.19377	0.22026	0.17446	0.26927
32	UCART1	593807.59	4122799.92	593807.59, 4122799.92	0.1335	0.21052	0.2414	0.16823	0.27479
33	UCART1	593847.59	4122799.92	593847.59, 4122799.92	0.14525	0.22587	0.26261	0.16165	0.27869
34	UCART1	593887.59	4122799.92	593887.59, 4122799.92	0.158	0.2387	0.28115	0.1546	0.28032
35	UCART1	593927.59	4122799.92	593927.59, 4122799.92	0.17152	0.24889	0.29589	0.14734	0.27979
36	UCART1	593967.59	4122799.92	593967.59, 4122799.92	0.1851	0.25614	0.3059	0.13999	0.277
37	UCART1	594007.59	4122799.92	594007.59, 4122799.92	0.19729	0.26003	0.31027	0.1326	0.27169
38	UCART1	592567.59	4122839.92	592567.59, 4122839.92	0.02542	0.03369	0.03069	0.05509	0.03836
39	UCART1	592607.59	4122839.92	592607.59, 4122839.92	0.02643	0.03547	0.03215	0.05873	0.04067
40	UCART1	592647.59	4122839.92	592647.59, 4122839.92	0.02743	0.03717	0.03363	0.06319	0.04302
41	UCART1	592687.59	4122839.92	592687.59, 4122839.92	0.02854	0.03914	0.03526	0.06781	0.04566
42	UCART1	592727.59	4122839.92	592727.59, 4122839.92	0.02983	0.04166	0.03713	0.0734	0.04874
43	UCART1	592767.59	4122839.92	592767.59, 4122839.92	0.03134	0.04491	0.03931	0.07914	0.05257
44	UCART1	592807.59	4122839.92	592807.59, 4122839.92	0.03275	0.04793	0.04138	0.08298	0.05598
45	UCART1	592847.59	4122839.92	592847.59, 4122839.92	0.03427	0.0513	0.04365	0.08644	0.05978
46	UCART1	592887.59	4122839.92	592887.59, 4122839.92	0.03604	0.05518	0.04634	0.09043	0.06428
47	UCART1	592927.59	4122839.92	592927.59, 4122839.92	0.03824	0.05984	0.04976	0.09505	0.07206
48	UCART1	592967.59	4122839.92	592967.59, 4122839.92	0.04058	0.06451	0.05359	0.10029	0.07799
49	UCART1	593007.59	4122839.92	593007.59, 4122839.92	0.04358	0.07046	0.05855	0.1068	0.08478
50	UCART1	593047.59	4122839.92	593047.59, 4122839.92	0.04689	0.07524	0.06423	0.11452	0.09127
51	UCART1	593087.59	4122839.92	593087.59, 4122839.92	0.04926	0.07962	0.06819	0.12301	0.0969
52	UCART1	593127.59	4122839.92	593127.59, 4122839.92	0.05258	0.08486	0.07422	0.13364	0.10375
53	UCART1	593167.59	4122839.92	593167.59, 4122839.92	0.05654	0.09056	0.0816	0.14563	0.11172
54	UCART1	593207.59	4122839.92	593207.59, 4122839.92	0.06096	0.0968	0.08963	0.15836	0.12074
55	UCART1	593247.59	4122839.92	593247.59, 4122839.92	0.06528	0.10292	0.09696	0.17082	0.13022
56	UCART1	593287.59	4122839.92	593287.59, 4122839.92	0.06996	0.10816	0.10536	0.18285	0.14112
57	UCART1	593327.59	4122839.92	593327.59, 4122839.92	0.07466	0.112	0.11287	0.19339	0.15367
58	UCART1	593367.59	4122839.92	593367.59, 4122839.92	0.08037	0.11546	0.12098	0.20238	0.16879
59	UCART1	593407.59	4122839.92	593407.59, 4122839.92	0.08636	0.11958	0.1307	0.20943	0.18689
60	UCART1	593447.59	4122839.92	593447.59, 4122839.92	0.09091	0.12396	0.13809	0.21412	0.2053
61	UCART1	593487.59	4122839.92	593487.59, 4122839.92	0.09562	0.12934	0.14619	0.21661	0.22489
62	UCART1	593527.59	4122839.92	593527.59, 4122839.92	0.10128	0.13667	0.15663	0.21702	0.24478
63	UCART1	593567.59	4122839.92	593567.59, 4122839.92	0.108	0.14719	0.16981	0.21549	0.26458
64	UCART1	593607.59	4122839.92	593607.59, 4122839.92	0.11395	0.16136	0.18553	0.21208	0.28145
65	UCART1	593647.59	4122839.92	593647.59, 4122839.92	0.12132	0.18024	0.20582	0.20743	0.29673
66	UCART1	593687.59	4122839.92	593687.59, 4122839.92	0.12944	0.20155	0.22896	0.20123	0.30877
67	UCART1	593727.59	4122839.92	593727.59, 4122839.92	0.13821	0.22368	0.25408	0.19394	0.31738
68	UCART1	593767.59	4122839.92	593767.59, 4122839.92	0.15	0.24514	0.2821	0.18603	0.32395
69	UCART1	593807.59	4122839.92	593807.59, 4122839.92	0.16283	0.26406	0.30795	0.17753	0.32704
70	UCART1	593847.59	4122839.92	593847.59, 4122839.92	0.17811	0.2799	0.33188	0.16881	0.32805
71	UCART1	593887.59	4122839.92	593887.59, 4122839.92	0.1942	0.29188	0.35015	0.15992	0.32608
72	UCART1	593927.59	4122839.92	593927.59, 4122839.92	0.2108	0.29978	0.36237	0.15108	0.32161
73	UCART1	593967.59	4122839.92	593967.59, 4122839.92	0.22663	0.30328	0.36769	0.14235	0.31454
74	UCART1	594007.59	4122839.92	594007.59, 4122839.92	0.23989	0.30215	0.36568	0.13379	0.30462
75	UCART1	592567.59	4122879.92	592567.59, 4122879.92	0.02689	0.03595	0.03271	0.06139	0.04141
76	UCART1	592607.59	4122879.92	592607.59, 4122879.92	0.028	0.03804	0.03432	0.06683	0.04406
77	UCART1	592647.59	4122879.92	592647.59, 4122879.92	0.02908	0.03997	0.03593	0.07156	0.0467
78	UCART1	592687.59	4122879.92	592687.59, 4122879.92	0.03022	0.04199	0.03766	0.07593	0.04956
79	UCART1	592727.59	4122879.92	592727.59, 4122879.92	0.03177	0.04513	0.03996	0.08467	0.05344
80	UCART1	592767.59	4122879.92	592767.59, 4122879.92	0.03339	0.04849	0.04238	0.09069	0.05789
81	UCART1	592807.59	4122879.92	592807.59, 4122879.92	0.03493	0.05169	0.04475	0.09516	0.06194
82	UCART1	592847.59	4122879.92	592847.59, 4122879.92	0.03685	0.05602	0.04766	0.10058	0.0679
83	UCART1	592887.59	4122879.92	592887.59, 4122879.92	0.03895	0.06084	0.05089	0.10554	0.07575
84	UCART1	592927.59	4122879.92	592927.59, 4122879.92	0.04135	0.06641	0.05469	0.11153	0.0822
85	UCART1	592967.59	4122879.92	592967.59, 4122879.92	0.044	0.07232	0.05903	0.11829	0.08902
86	UCART1	593007.59	4122879.92	593007.59, 4122879.92	0.04701	0.07849	0.06415	0.12685	0.09665
87	UCART1	593047.59	4122879.92	593047.59, 4122879.92	0.05065	0.08444	0.07026	0.13757	0.10473
88	UCART1	593087.59	4122879.92	593087.59, 4122879.92	0.05376	0.09005	0.07586	0.14978	0.1125
89	UCART1	593127.59	4122879.92	593127.59, 4122879.92	0.05736	0.09634	0.08277	0.16391	0.121
90	UCART1	593167.59	4122879.92	593167.59, 4122879.92	0.06289	0.10385	0.09366	0.18007	0.13232
91	UCART1	593207.59	4122879.92	593207.59, 4122879.92	0.06742	0.11143	0.10228	0.19541	0.14326
92	UCART1	593247.59	4122879.92	593247.59, 4122879.92	0.07382	0.11959	0.11345	0.21049	0.15723
93	UCART1	593287.59	4122879.92	593287.59, 4122879.92	0.08025	0.12663	0.12353	0.22342	0.17274
94	UCART1	593327.59	4122879.92	593327.59, 4122879.92	0.08642	0.13199	0.13407	0.23409	0.19112
95	UCART1	593367.59	4122879.92	593367.59, 4122879.92	0.09237	0.13653	0.14423	0.24205	0.21244
96	UCART1	593407.59	4122879.92	593407.59, 4122879.92	0.0989	0.14188	0.15583	0.24723	0.2371
97	UCART1	593447.59	4122879.92	593447.59, 4122879.92	0.105	0.14802	0.16641	0.24943	0.26235
98	UCART1	593487.59	4122879.92	593487.59, 4122879.92	0.11185	0.15614	0.17839	0.24897	0.28816
99	UCART1	593527.59	4122879.92	593527.59, 4122879.92	0.11933	0.16757	0.19333	0.24605	0.31347
100	UCART1	593567.59	4122879.92	593567.59, 4122879.92	0.12727	0.18448	0.21277	0.24107	0.33595
101	UCART1	593607.59	4122879.92	593607.59, 4122879.92	0.135	0.20634	0.2349	0.23412	0.35425
102	UCART1	593647.59	4122879.92	593647.59, 4122879.92	0.14508	0.23325	0.26433	0.22606	0.36969
103	UCART1	593687.59	4122879.92	593687.59, 4122879.92	0.15637	0.26182	0.29791	0.21668	0.38076
104	UCART1	593727.59	4122879.92	593727.59, 4122879.92	0.16943	0.28929	0.33316	0.20646	0.38732
105	UCART1	593767.59	4122879.92	593767.59, 4122879.92	0.18534	0.31372	0.36839	0.19584	0.3905
106	UCART1	593807.59	4122879.92	593807.59, 4122879.92	0.20299	0.33329	0.39842	0.18492	0.38955
107	UCART1	593847.59	4122879.92	593847.59, 4122879.92	0.22278	0.34747	0.42206	0.17407	0.38563
108	UCART1	593887.59	4122879.92	593887.59, 4122879.92	0.24303	0.35556	0.43657	0.16337	0.37834
109	UCART1	593927.59	4122879.92	593927.59, 4122879.92	0.26275	0.35756	0.44181	0.15298	0.36812
110	UCART1	593967.59	4122879.92	593967.59, 4122879.92	0.28019	0.35358	0.43786	0.14299	0.35504
111	UCART1	594007.59	4122879.92	594007.59, 4122879.92	0.29342	0.34403	0.42533	0.13348	0.33902
112	UCART1	592567.59	4122919.92	592567.59, 4122919.92	0.02847	0.03827	0.03496	0.06884	0.04477
113	UCART1	592607.59	4122919.92	592607.59, 4122919.92	0.02965	0.04052	0.03666	0.07522	0.04769
114	UCART1	592647.59	4122919.92	592647.59, 4122919.92	0.03096	0.04308	0.03859	0.08301	0.05102
115	UCART1	592687.59	4122919.92	592687.59, 4122919.92	0.03238	0.04591	0.04073	0.09084	0.05475
116	UCART1	592727.59	4122919.92	592727.59, 4122919.92	0.03401	0.04925	0.0432	0.0984	0.05932
117	UCART1	592767.59	4122919.92	592767.59, 4122919.92	0.03568	0.05267	0.0458	0.10523	0.06426
118	UCART1	592807.59	4122919.92	592807.59, 4122919.92	0.03744	0.05634	0.0486	0.1111	0.06934
119	UCART1	592847.59	4122919.92	592847.59, 4122919.92	0.03964	0.06132	0.05204	0.1178	0.07851
120	UCART1	592887.59	4122919.92	592887.59, 4122919.92	0.04185	0.06636	0.05559	0.12419	0.08527
121	UCART1	592927.59	4122919.92	592927.59, 4122919.92	0.04502	0.07448	0.06062	0.13311	0.09439
122	UCART1	592967.59	4122919.92	592967.59, 4122919.92	0.04826	0.08181	0.06592	0.14307	0.10323
123	UCART1	593007.59	4122919.92	593007.59, 4122919.92	0.05142	0.08852	0.0713	0.15486	0.11207

	Concentration (AVERAGE CONC) [ug/m^3]: Onsite Phase I	Onsite Phase II	Onsite Phase III	Phase I Offsite (Los Gatos)	Phase I Offsite (Samaritan)	Phase II Offsite (Los Gatos)	Phase II Offsite (Samaritan)	Phase III Offsite (Los Gatos)	Phase III Offsite (Samaritan)	Phase I Concentration	Phase II Concentration	Phase III Concentration	Total Concentration
1	1.62E-04	2.34E-04	1.16E-04	1.09E-06	2.04E-06	1.40E-07	2.60E-07	5.26E-07	9.79E-07	1.66E-04	2.34E-04	1.18E-04	5.17E-04
2	1.69E-04	2.45E-04	1.22E-04	1.16E-06	2.15E-06	1.48E-07	2.75E-07	5.58E-07	1.04E-06	1.72E-04	2.45E-04	1.23E-04	5.40E-04
3	1.75E-04	2.56E-04	1.27E-04	1.22E-06	2.27E-06	1.56E-07	2.90E-07	5.88E-07	1.09E-06	1.78E-04	2.56E-04	1.28E-04	5.63E-04
4	1.82E-04	2.72E-04	1.33E-04	1.35E-06	2.42E-06	1.72E-07	3.08E-07	6.49E-07	1.16E-06	1.86E-04	2.73E-04	1.35E-04	5.94E-04
5	1.90E-04	2.88E-04	1.39E-04	1.43E-06	2.56E-06	1.83E-07	3.26E-07	6.89E-07	1.23E-06	1.94E-04	2.89E-04	1.41E-04	6.24E-04
6	1.98E-04	3.08E-04	1.46E-04	1.52E-06	2.72E-06	1.94E-07	3.47E-07	7.31E-07	1.31E-06	2.02E-04	3.09E-04	1.48E-04	6.60E-04
7	2.08E-04	3.32E-04	1.55E-04	1.61E-06	2.91E-06	2.05E-07	3.71E-07	7.72E-07	1.40E-06	2.12E-04	3.33E-04	1.57E-04	7.02E-04
8	2.16E-04	3.53E-04	1.62E-04	1.66E-06	3.08E-06	2.11E-07	3.93E-07	7.97E-07	1.48E-06	2.21E-04	3.53E-04	1.65E-04	7.39E-04
9	2.28E-04	3.79E-04	1.73E-04	1.74E-06	3.32E-06	2.21E-07	4.23E-07	8.35E-07	1.59E-06	2.33E-04	3.79E-04	1.75E-04	7.87E-04
10	2.41E-04	4.06E-04	1.85E-04	1.82E-06	3.70E-06	2.32E-07	4.72E-07	8.73E-07	1.78E-06	2.47E-04	4.07E-04	1.88E-04	8.42E-04
11	2.56E-04	4.35E-04	1.99E-04	1.90E-06	3.97E-06	2.43E-07	5.06E-07	9.15E-07	1.91E-06	2.61E-04	4.36E-04	2.02E-04	8.99E-04
12	2.70E-04	4.62E-04	2.13E-04	2.00E-06	4.23E-06	2.55E-07	5.40E-07	9.61E-07	2.04E-06	2.76E-04	4.63E-04	2.16E-04	9.55E-04
13	2.87E-04	4.94E-04	2.30E-04	2.12E-06	4.53E-06	2.70E-07	5.78E-07	1.02E-06	2.18E-06	2.94E-04	4.95E-04	2.33E-04	1.02E-03
14	3.04E-04	5.25E-04	2.47E-04	2.26E-06	4.82E-06	2.89E-07	6.15E-07	1.09E-06	2.32E-06	3.11E-04	5.26E-04	2.51E-04	1.09E-03
15	3.25E-04	5.58E-04	2.67E-04	2.44E-06	5.13E-06	3.11E-07	6.55E-07	1.17E-06	2.47E-06	3.32E-04	5.59E-04	2.70E-04	1.16E-03
16	3.45E-04	5.91E-04	2.88E-04	2.63E-06	5.45E-06	3.36E-07	6.95E-07	1.27E-06	2.62E-06	3.53E-04	5.92E-04	2.92E-04	1.24E-03
17	3.70E-04	6.28E-04	3.15E-04	2.85E-06	5.86E-06	3.64E-07	7.47E-07	1.37E-06	2.82E-06	3.79E-04	6.29E-04	3.19E-04	1.33E-03
18	3.94E-04	6.64E-04	3.40E-04	3.08E-06	6.28E-06	3.93E-07	8.01E-07	1.48E-06	3.02E-06	4.04E-04	6.66E-04	3.45E-04	1.41E-03
19	4.15E-04	6.93E-04	3.60E-04	3.30E-06	6.70E-06	4.21E-07	8.54E-07	1.59E-06	3.22E-06	4.25E-04	6.94E-04	3.65E-04	1.48E-03
20	4.38E-04	7.15E-04	3.85E-04	3.51E-06	7.21E-06	4.48E-07	9.20E-07	1.69E-06	3.47E-06	4.49E-04	7.16E-04	3.90E-04	1.56E-03
21	4.72E-04	7.34E-04	4.14E-04	3.71E-06	7.85E-06	4.74E-07	1.00E-06	1.79E-06	3.77E-06	4.83E-04	7.36E-04	4.20E-04	1.64E-03
22	5.09E-04	7.58E-04	4.42E-04	3.88E-06	8.60E-06	4.95E-07	1.10E-06	1.87E-06	4.13E-06	5.22E-04	7.59E-04	4.48E-04	1.73E-03
23	5.33E-04	7.82E-04	4.65E-04	4.01E-06	9.37E-06	5.12E-07	1.20E-06	1.93E-06	4.51E-06	5.47E-04	7.83E-04	4.72E-04	1.80E-03
24	5.58E-04	8.10E-04	4.89E-04	4.11E-06	1.02E-05	5.24E-07	1.30E-06	1.97E-06	4.91E-06	5.72E-04	8.12E-04	4.96E-04	1.88E-03
25	5.87E-04	8.47E-04	5.21E-04	4.16E-06	1.11E-05	5.31E-07	1.42E-06	2.00E-06	5.34E-06	6.03E-04	8.49E-04	5.29E-04	1.98E-03
26	6.21E-04	8.97E-04	5.59E-04	4.18E-06	1.20E-05	5.34E-07	1.53E-06	2.01E-06	5.77E-06	6.37E-04	8.99E-04	5.67E-04	2.10E-03
27	6.55E-04	9.65E-04	6.04E-04	4.17E-06	1.29E-05	5.32E-07	1.64E-06	2.00E-06	6.19E-06	6.72E-04	9.67E-04	6.12E-04	2.25E-03
28	6.93E-04	1.06E-03	6.60E-04	4.12E-06	1.37E-05	5.26E-07	1.74E-06	1.98E-06	6.57E-06	7.11E-04	1.06E-03	6.69E-04	2.44E-03
29	7.32E-04	1.17E-03	7.24E-04	4.04E-06	1.43E-05	5.16E-07	1.83E-06	1.94E-06	6.89E-06	7.50E-04	1.18E-03	7.33E-04	2.66E-03
30	7.77E-04	1.30E-03	7.98E-04	3.94E-06	1.49E-05	5.03E-07	1.90E-06	1.90E-06	7.15E-06	7.96E-04	1.30E-03	8.08E-04	2.91E-03
31	8.35E-04	1.43E-03	8.85E-04	3.82E-06	1.53E-05	4.88E-07	1.96E-06	1.84E-06	7.38E-06	8.54E-04	1.44E-03	8.95E-04	3.18E-03
32	8.99E-04	1.56E-03	9.70E-04	3.69E-06	1.57E-05	4.70E-07	2.00E-06	1.77E-06	7.53E-06	9.18E-04	1.56E-03	9.80E-04	3.46E-03
33	9.78E-04	1.67E-03	1.06E-03	3.54E-06	1.59E-05	4.52E-07	2.03E-06	1.70E-06	7.64E-06	9.98E-04	1.67E-03	1.06E-03	3.74E-03
34	1.06E-03	1.77E-03	1.13E-03	3.39E-06	1.60E-05	4.32E-07	2.04E-06	1.63E-06	7.68E-06	1.08E-03	1.77E-03	1.14E-03	3.99E-03
35	1.16E-03	1.84E-03	1.19E-03	3.23E-06	1.59E-05	4.12E-07	2.03E-06	1.55E-06	7.67E-06	1.17E-03	1.84E-03	1.20E-03	4.22E-03
36	1.25E-03	1.90E-03	1.23E-03	3.07E-06	1.58E-05	3.91E-07	2.01E-06	1.47E-06	7.59E-06	1.27E-03	1.90E-03	1.24E-03	4.40E-03
37	1.33E-03	1.92E-03	1.25E-03	2.91E-06	1.55E-05	3.71E-07	1.98E-06	1.40E-06	7.45E-06	1.35E-03	1.93E-03	1.26E-03	4.53E-03
38	1.71E-04	2.49E-04	1.23E-04	1.21E-06	2.19E-06	1.54E-07	2.79E-07	5.80E-07	1.05E-06	1.75E-04	2.50E-04	1.25E-04	5.49E-04
39	1.78E-04	2.62E-04	1.29E-04	1.29E-06	2.32E-06	1.64E-07	2.96E-07	6.19E-07	1.11E-06	1.82E-04	2.63E-04	1.31E-04	5.76E-04
40	1.85E-04	2.75E-04	1.35E-04	1.38E-06	2.45E-06	1.77E-07	3.13E-07	6.66E-07	1.18E-06	1.89E-04	2.76E-04	1.37E-04	6.01E-04
41	1.92E-04	2.90E-04	1.42E-04	1.49E-06	2.60E-06	1.90E-07	3.32E-07	7.14E-07	1.25E-06	1.96E-04	2.90E-04	1.44E-04	6.30E-04
42	2.01E-04	3.08E-04	1.49E-04	1.61E-06	2.78E-06	2.05E-07	3.54E-07	7.73E-07	1.34E-06	2.05E-04	3.09E-04	1.51E-04	6.65E-04
43	2.11E-04	3.32E-04	1.58E-04	1.73E-06	3.00E-06	2.21E-07	3.82E-07	8.34E-07	1.44E-06	2.16E-04	3.33E-04	1.60E-04	7.09E-04
44	2.21E-04	3.55E-04	1.66E-04	1.82E-06	3.19E-06	2.32E-07	4.07E-07	8.74E-07	1.53E-06	2.26E-04	3.55E-04	1.69E-04	7.50E-04
45	2.31E-04	3.80E-04	1.75E-04	1.89E-06	3.41E-06	2.42E-07	4.35E-07	9.11E-07	1.64E-06	2.36E-04	3.80E-04	1.78E-04	7.94E-04
46	2.43E-04	4.08E-04	1.86E-04	1.98E-06	3.66E-06	2.53E-07	4.67E-07	9.53E-07	1.76E-06	2.48E-04	4.09E-04	1.89E-04	8.46E-04
47	2.58E-04	4.43E-04	2.00E-04	2.08E-06	4.11E-06	2.66E-07	5.24E-07	1.00E-06	1.97E-06	2.64E-04	4.44E-04	2.03E-04	9.10E-04
48	2.73E-04	4.77E-04	2.15E-04	2.20E-06	4.45E-06	2.80E-07	5.67E-07	1.06E-06	2.14E-06	2.80E-04	4.78E-04	2.19E-04	9.77E-04
49	2.94E-04	5.21E-04	2.35E-04	2.34E-06	4.83E-06	2.99E-07	6.16E-07	1.13E-06	2.32E-06	3.01E-04	5.22E-04	2.39E-04	1.06E-03
50	3.16E-04	5.57E-04	2.58E-04	2.51E-06	5.20E-06	3.20E-07	6.64E-07	1.21E-06	2.50E-06	3.24E-04	5.58E-04	2.62E-04	1.14E-03
51	3.32E-04	5.89E-04	2.74E-04	2.70E-06	5.52E-06	3.44E-07	7.04E-07	1.30E-06	2.66E-06	3.40E-04	5.90E-04	2.78E-04	1.21E-03
52	3.54E-04	6.28E-04	2.98E-04	2.93E-06	5.91E-06	3.74E-07	7.54E-07	1.41E-06	2.84E-06	3.63E-04	6.29E-04	3.03E-04	1.29E-03
53	3.81E-04	6.70E-04	3.28E-04	3.19E-06	6.37E-06	4.07E-07	8.12E-07	1.53E-06	3.06E-06	3.90E-04	6.71E-04	3.33E-04	1.39E-03
54	4.11E-04	7.16E-04	3.60E-04	3.47E-06	6.88E-06	4.43E-07	8.78E-07	1.67E-06	3.31E-06	4.21E-04	7.18E-04	3.65E-04	1.50E-03
55	4.40E-04	7.62E-04	3.90E-04	3.74E-06	7.42E-06	4.77E-07	9.47E-07	1.80E-06	3.57E-06	4.51E-04	7.63E-04	3.95E-04	1.61E-03
56	4.71E-04	8.00E-04	4.24E-04	4.01E-06	8.04E-06	5.11E-07	1.03E-06	1.93E-06	3.87E-06	4.83E-04	8.02E-04	4.29E-04	1.71E-03
57	5.03E-04	8.29E-04	4.54E-04	4.24E-06	8.76E-06	5.41E-07	1.12E-06	2.04E-06	4.21E-06	5.16E-04	8.30E-04	4.60E-04	1.81E-03
58	5.41E-04	8.54E-04	4.86E-04	4.44E-06	9.62E-06	5.66E-07	1.23E-06	2.13E-06	4.63E-06	5.55E-04	8.56E-04	4.93E-04	1.90E-03
59	5.82E-04	8.85E-04	5.25E-04	4.59E-06	1.07E-05	5.85E-07	1.36E-06	2.21E-06	5.12E-06	5.97E-04	8.87E-04	5.33E-04	2.02E-03
60	6.12E-04	9.17E-04	5.55E-04	4.69E-06	1.17E-05	5.99E-07	1.49E-06	2.26E-06	5.63E-06	6.29E-04	9.19E-04	5.63E-04	2.11E-03
61	6.44E-04	9.57E-04	5.88E-04	4.75E-06	1.28E-05	6.05E-07	1.64E-06	2.28E-06	6.16E-06	6.62E-04	9.59E-04	5.96E-04	2.22E-03
62	6.82E-04	1.01E-03	6.30E-04	4.76E-06	1.40E-05	6.07E-07	1.78E-06	2.29E-06	6.71E-06	7.01E-04	1.01E-03	6.39E-04	2.35E-03
63	7.27E-04	1.09E-03	6.83E-04	4.72E-06	1.51E-05	6.02E-07	1.92E-06	2.27E-06	7.25E-06	7.47E-04	1.09E-03	6.92E-04	2.53E-03
64	7.67E-04	1.19E-03	7.46E-04	4.65E-06	1.60E-05	5.93E-07	2.05E-06	2.23E-06	7.71E-06	7.88E-04	1.20E-03	7.56E-04	2.74E-03
65	8.17E-04	1.33E-03	8.27E-04	4.55E-06	1.69E-05	5.80E-07	2.16E-06	2.19E-06	8.13E-06	8.39E-04	1.34E-03	8.38E-04	3.01E-03
66	8.72E-04	1.49E-03	9.20E-04	4.41E-06	1.76E-05	5.62E-07	2.24E-06	2.12E-06	8.46E-06	8.94E-04	1.49E-03	9.31E-04	3.32E-03
67	9.31E-04	1.66E-03	1.02E-03	4.25E-06	1.81E-05	5.42E-07	2.31E-06	2.04E-06	8.70E-06	9.53E-04	1.66E-03	1.03E-03	3.64E-03
68	1.01E-03	1.81E-03	1.13E-03	4.08E-06	1.85E-05	5.20E-07	2.36E-06	1.96E-06	8.88E-06	1.03E-03	1.82E-03	1.14E-03	3.99E-03
69	1.10E-03	1.95E-03	1.24E-03	3.89E-06	1.86E-05	4.96E-07	2.38E-06	1.87E-06	8.96E-06	1.12E-03	1.96E-03	1.25E-03	4.32E-03
70	1.20E-03	2.07E-03	1.33E-03	3.70E-06	1.87E-05	4.72E-07	2.39E-06	1.78E-06	8.99E-06	1.22E-03	2.07E-03	1.34E-03	4.64E-03
71	1.31E-03	2.16E-03	1.41E-03	3.50E-06	1.86E-05	4.47E-07	2.37E-06	1.68E-06	8.94E-06	1.33E-03	2.16E-03	1.42E-03	4.91E-03
72	1.42E-03	2.22E-03	1.46E-03	3.31E-06	1.83E-05	4.22E-07	2.34E-06	1.59E-06	8.81E-06	1.44E-03	2.22E-03	1.47E-03	5.13E-03
73	1.53E-03	2.24E-03	1.48E-03	3.12E-06	1.79E-05	3.98E-07	2.29E-06	1.50E-06	8.62E-06	1.55E-03	2.25E-03	1.49E-03	5.28E-03
74	1.62E-03	2.24E-03	1.47E-03	2.93E-06	1.74E-05	3.74E-07	2.21E-06	1.41E-06	8.35E-06	1.64E-03	2.24E-03	1.48E-03	5.35E-03
75	1.81E-04	2.66E-04	1.31E-04	1.35E-06	2.36E-06	1.72E-07	3.01E-07	6.47E-07	1.13E-06	1.85E-04	2.67E-04	1.33E-04	5.85E-04
76	1.89E-04	2.81E-04	1.38E-04	1.46E-06	2.51E-06	1.87E-07	3.20E-07	7.04E-07	1.21E-06	1.93E-04	2.82E-04	1.40E-04	6.14E-04
77	1.96E-04	2.96E-04	1.44E-04	1.57E-06	2.66E-06	2.00E-07	3.40E-07	7.54E-07	1.28E-06	2.00E-04	2.96E-04	1.46E-04	6.43E-04
78	2.04E-04	3.11E-04	1.51E-04	1.66E-06	2.82E-06	2.12E-07	3.60E-07	8.00E-07	1.36E-06	2.08E-04	3.11E-04	1.54E-04	6.73E-04
79	2.14E-04	3.34E-04	1.61E-04	1.86E-06	3.05E-06	2.37E-07	3.89E-07	8.92E-07	1.46E-06	2.19E-04	3.35E-04	1.63E-04	7.16E-04
80	2.25E-04	3.59E-04	1.70E-04	1.99E-06	3.30E-06	2.53E-07	4.21E-07	9.55E-07	1.59E-06	2.30E-04	3.60E-04	1.73E-04	7.63E-04
81	2.35E-04	3.83E-04	1.80E-04	2.09E-06	3.53E-06	2.66E-07	4.50E-07	1.00E-06	1.70E-06	2.41E-04	3.83E-04	1.83E-04	8.07E-04
82	2.48E-04	4.15E-04	1.92E-04	2.20E-06	3.87E-06	2.81E-07	4.94E-07	1.06E-06	1.86E-06	2.54E-04	4.15E-04	1.94E-04	8.64E-04
83	2.62E-04	4.50E-04	2.05E-04	2.31E-06	4.32E-06	2.95E-07	5.51E-07	1.11E-06	2.08E-06	2.69E-04	4.51E-04	2.08E-04	9.28E-04
84	2.78E-04	4.91E-04	2.20E-04	2.44E-06	4.69E-06	3.12E-07	5.98E-07	1.18E-06	2.25E-06	2.86E-04	4.92E-04	2.23E-04	1.00E-03
85	2.96E-04	5.35E-04	2.37E-04	2.59E-06	5.07E-06	3.31E-07	6.47E-07	1.25E-06	2.44E-06	3.04E-04	5.36E-04	2.41E-04	1.08E-03
86	3.17E-04	5.81E-04	2.58E-04	2.78E-06	5.51E-06	3.55E-07	7.03E-07	1.34E-06	2.65E-06	3.25E-04	5.82E-04	2.62E-04	1.17E-03
87	3.41E-04	6.25E-04	2.82E-04	3.01E-06	5.97E-06	3.85E-07	7.61E-07	1.45E-06	2.87E-06	3.50E-04	6.26E-04	2.87E-04	1.26E-03
88	3.62E-04	6.66E-04	3.05E-04	3.28E-06	6.41E-06	4.19E-07	8.18E-07	1.58E-06	3.08E-06	3.72E-04	6.68E-04	3.10E-04	1.35E-03
89	3.86E-04	7.13E-04	3.33E-04	3.59E-06	6.90E-06	4.58E-07	8.80E-07	1.73E-06	3.32E-06	3.97E-04	7.14E-04	3.38E-04	1.45E-03
90	4.24E-04	7.68E-04	3.76E-04	3.95E-06	7.54E-06	5.03E-07	9.62E-07	1.90E-06	3.63E-06	4.35E-04	7.70E-04	3.82E-04	1.59E-03
91	4.54E-04	8.25E-04	4.11E-04	4.28E-06	8.17E-06	5.46E-07	1.04E-06	2.06E-06	3.93E-06	4.67E-04	8.26E-04	4.17E-04	1.71E-03
92	4.97E-04	8.85E-04	4.56E-04	4.61E-06	8.96E-06	5.88E-07	1.14E-06	2.22E-06	4.31E-06	5.11E-04	8.87E-04	4.63E-04	1.86E-03
93	5.40E-04	9.37E-04	4.97E-04	4.90E-06	9.85E-06	6.24E-07	1.26E-06	2.35E-06	4.73E-06	5.55E-04	9.39E-04	5.04E-04	2.00E-03
94	5.82E-04	9.77E-04	5.39E-04	5.13E-06	1.09E-05	6.54E-07	1.39E-06	2.47E-06	5.24E-06	5.98E-04	9.79E-04	5.47E-04	2.12E-03
95	6.22E-04	1.01E-03	5.80E-04	5.30E-06	1.21E-05	6.77E-07	1.54E-06	2.55E-06	5.82E-06	6.40E-04	1.01E-03	5.88E-04	2.24E-03
96	6.66E-04	1.05E-03	6.26E-04	5.42E-06	1.35E-05	6.91E-07	1.72E-06	2.60E-06	6.50E-06	6.85E-04	1.05E-03	6.35E-04	2.37E-03
97	7.07E-04	1.10E-03	6.69E-04	5.47E-06	1.50E-05	6.97E-07	1.91E-06	2.63E-06	7.19E-06	7.28E-04	1.10E-03	6.79E-04	2.50E-03
98	7.53E-04	1.16E-03	7.17E-04	5.46E-06	1.64E-05	6.96E-07	2.10E-06	2.62E-06	7.90E-06	7.75E-04	1.16E-03	7.28E-04	2.66E-03
99	8.04E-04	1.24E-03	7.77E-04	5.39E-06	1.79E-05	6.88E-07	2.28E-06	2.59E-06	8.59E-06	8.27E-04	1.24E-03	7.88E-04	2.86E-03
100	8.57E-04	1.37E-03	8.55E-04	5.28E-06	1.91E-05	6.74E-07	2.44E-06	2.54E-06	9.21E-06	8.82E-04	1.37E-03	8.67E-04	3.12E-03
101	9.09E-04	1.53E-03	9.44E-04	5.13E-06	2.02E-05	6.54E-07	2.58E-06	2.47E-06	9.71E-06	9.35E-04	1.53E-03	9.56E-04	3.42E-03
102	9.77E-04	1.73E-03	1.06E-03	4.95E-06	2.11E-05	6.32E-07	2.69E-06	2.38E-06	1.01E-05	1.00E-03	1.73E-03	1.08E-03	3.81E-03
103	1.05E-03	1.94E-03	1.20E-03	4.75E-06	2.17E-05	6.06E-07	2.77E-06	2.28E-06	1.04E-05	1.08E-03	1.94E-03	1.21E-03	4.23E-03
104	1.14E-03	2.14E-03	1.34E-03	4.52E-06	2.21E-05	5.77E-07	2.82E-06	2.18E-06	1.06E-05	1.17E-03	2.14E-03	1.35E-03	4.66E-03
105	1.25E-03	2.32E-03	1.48E-03	4.29E-06	2.23E-05	5.47E-07	2.84E-06	2.06E-06	1.07E-05	1.27E-03	2.32E-03	1.49E-03	5.09E-03
106	1.37E-03	2.47E-03	1.60E-03	4.05E-06	2.22E-05	5.17E-07	2.83E-06	1.95E-06	1.07E-05	1.39E-03	2.47E-03	1.61E-03	5.48E-03
107	1.50E-03	2.57E-03	1.70E-03	3.81E-06	2.20E-05	4.87E-07	2.80E-06	1.83E-06	1.06E-05	1.53E-03	2.57E-03	1.71E-03	5.81E-03
108	1.64E-03	2.63E-03	1.75E-03	3.58E-06	2.16E-05	4.57E-07	2.75E-06	1.72E-06	1.04E-05	1.66E-03	2.63E-03	1.77E-03	6.06E-03
109	1.77E-03	2.65E-03	1.78E-03	3.35E-06	2.10E-05	4.28E-07	2.68E-06	1.61E-06	1.01E-05	1.79E-03	2.65E-03	1.79E-03	6.23E-03
110	1.89E-03	2.62E-03	1.76E-03	3.13E-06	2.02E-05	4.00E-07	2.58E-06	1.51E-06	9.73E-06	1.91E-03	2.62E-03	1.77E-03	6.30E-03
111	1.98E-03	2.55E-03	1.71E-03	2.93E-06	1.93E-05	3.73E-07	2.46E-06	1.41E-06	9.29E-06	2.00E-03	2.55E-03	1.72E-03	6.27E-03
112	1.92E-04	2.83E-04	1.41E-04	1.51E-06	2.55E-06	1.92E-07	3.25E-07	7.25E-07	1.23E-06	1.96E-04	2.84E-04	1.42E-04	6.22E-04
113	2.00E-04	3.00E-04	1.47E-04	1.65E-06	2.72E-06	2.10E-07	3.47E-07	7.92E-07	1.31E-06	2.04E-04	3.00E-04	1.49E-04	6.54E-04
114	2.09E-04	3.19E-04	1.55E-04	1.82E-06	2.91E-06	2.32E-07	3.71E-07	8.75E-07	1.40E-06	2.13E-04	3.19E-04	1.57E-04	6.90E-04
115	2.18E-04	3.40E-04	1.64E-04	1.99E-06	3.12E-06	2.54E-07	3.98E-07	9.57E-07	1.50E-06	2.23E-04	3.40E-04	1.66E-04	7.30E-04
116	2.29E-04	3.64E-04	1.74E-04	2.16E-06	3.38E-06	2.75E-07	4.31E-07	1.04E-06	1.63E-06	2.35E-04	3.65E-04	1.76E-04	7.76E-04
117	2.40E-04	3.90E-04	1.84E-04	2.31E-06	3.66E-06	2.94E-07	4.67E-07	1.11E-06	1.76E-06	2.46E-04	3.91E-04	1.87E-04	8.24E-04
118	2.52E-04	4.17E-04	1.95E-04	2.43E-06	3.95E-06	3.11E-07	5.04E-07	1.17E-06	1.90E-06	2.59E-04	4.18E-04	1.98E-04	8.75E-04
119	2.67E-04	4.54E-04	2.09E-04	2.58E-06	4.48E-06	3.29E-07	5.71E-07	1.24E-06	2.15E-06	2.74E-04	4.55E-04	2.13E-04	9.41E-04
120	2.82E-04	4.91E-04	2.23E-04	2.72E-06	4.86E-06	3.47E-07	6.20E-07	1.31E-06	2.34E-06	2.89E-04	4.92E-04	2.27E-04	1.01E-03
121	3.03E-04	5.51E-04	2.44E-04	2.92E-06	5.38E-06	3.72E-07	6.86E-07	1.40E-06	2.59E-06	3.12E-04	5.52E-04	2.48E-04	1.11E-03
122	3.25E-04	6.05E-04	2.65E-04	3.14E-06	5.88E-06	4.00E-07	7.51E-07	1.51E-06	2.83E-06	3.34E-04	6.07E-04	2.69E-04	1.21E-03
123	3.46E-04	6.55E-04	2.87E-04	3.39E-06	6.39E-06	4.33E-07	8.15E-07	1.63E-06	3.07E-06	3.56E-04	6.56E-04	2.91E-04	1.30E-03

	Residential Dose: 3rd Tri	0<2	PI 2<9	PII 2<9	PIII 2<9	9<16	16<30	Risk by Age Group: 3rd Tri	0<2	PI 2<9	PII 2<9	PIII 2<9	9<16	16<30	Total Risk
1	5.7E-08	1.7E-07	1.0E-07	1.4E-07	7.1E-08	6.5E-08	2.9E-08	1.9E-09	4.6E-08	1.3E-08	9.6E-09	3.0E-09	2.6E-09	0.0E+00	7.6E-08
2	6.0E-08	1.8E-07	1.0E-07	1.5E-07	7.5E-08	6.8E-08	3.1E-08	2.0E-09	4.8E-08	1.3E-08	1.0E-08	3.2E-09	2.7E-09	0.0E+00	7.9E-08
3	6.2E-08	1.9E-07	1.1E-07	1.6E-07	7.8E-08	7.0E-08	3.2E-08	2.1E-09	5.0E-08	1.4E-08	1.1E-08	3.3E-09	2.8E-09	0.0E+00	8.2E-08
4	6.4E-08	1.9E-07	1.1E-07	1.7E-07	8.2E-08	7.4E-08	3.4E-08	2.2E-09	5.2E-08	1.4E-08	1.1E-08	3.5E-09	2.9E-09	0.0E+00	8.6E-08
5	6.7E-08	2.0E-07	1.2E-07	1.7E-07	8.6E-08	7.8E-08	3.5E-08	2.2E-09	5.4E-08	1.5E-08	1.2E-08	3.6E-09	3.1E-09	0.0E+00	9.0E-08
6	7.0E-08	2.1E-07	1.2E-07	1.9E-07	9.0E-08	8.1E-08	3.7E-08	2.3E-09	5.6E-08	1.6E-08	1.3E-08	3.8E-09	3.2E-09	0.0E+00	9.4E-08
7	7.3E-08	2.2E-07	1.3E-07	2.0E-07	9.5E-08	8.6E-08	3.9E-08	2.5E-09	5.9E-08	1.6E-08	1.4E-08	4.0E-09	3.4E-09	0.0E+00	9.9E-08
8	7.7E-08	2.3E-07	1.3E-07	2.1E-07	1.0E-07	9.0E-08	4.1E-08	2.6E-09	6.2E-08	1.7E-08	1.5E-08	4.2E-09	3.6E-09	0.0E+00	1.0E-07
9	8.1E-08	2.4E-07	1.4E-07	2.3E-07	1.1E-07	9.6E-08	4.4E-08	2.7E-09	6.5E-08	1.8E-08	1.6E-08	4.5E-09	3.8E-09	0.0E+00	1.1E-07
10	8.5E-08	2.6E-07	1.5E-07	2.5E-07	1.1E-07	1.0E-07	4.7E-08	2.9E-09	6.9E-08	1.9E-08	1.7E-08	4.8E-09	4.1E-09	0.0E+00	1.2E-07
11	9.1E-08	2.7E-07	1.6E-07	2.6E-07	1.2E-07	1.1E-07	5.0E-08	3.0E-09	7.3E-08	2.0E-08	1.8E-08	5.2E-09	4.4E-09	0.0E+00	1.2E-07
12	9.6E-08	2.9E-07	1.7E-07	2.8E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-09	7.7E-08	2.1E-08	1.9E-08	5.6E-09	4.7E-09	0.0E+00	1.3E-07
13	1.0E-07	3.1E-07	1.8E-07	3.0E-07	1.4E-07	1.3E-07	5.8E-08	3.4E-09	8.2E-08	2.3E-08	2.0E-08	6.0E-09	5.1E-09	0.0E+00	1.4E-07
14	1.1E-07	3.3E-07	1.9E-07	3.2E-07	1.5E-07	1.4E-07	6.3E-08	3.6E-09	8.7E-08	2.4E-08	2.2E-08	6.4E-09	5.5E-09	0.0E+00	1.5E-07
15	1.1E-07	3.5E-07	2.0E-07	3.4E-07	1.6E-07	1.5E-07	6.8E-08	3.8E-09	9.3E-08	2.6E-08	2.3E-08	6.9E-09	5.9E-09	0.0E+00	1.6E-07
16	1.2E-07	3.7E-07	2.1E-07	3.6E-07	1.8E-07	1.6E-07	7.3E-08	4.1E-09	9.9E-08	2.7E-08	2.4E-08	7.5E-09	6.4E-09	0.0E+00	1.7E-07
17	1.3E-07	4.0E-07	2.3E-07	3.8E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	1.1E-07	2.9E-08	2.6E-08	8.2E-09	7.0E-09	0.0E+00	1.8E-07
18	1.4E-07	4.2E-07	2.4E-07	4.0E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	1.1E-07	3.1E-08	2.7E-08	8.9E-09	7.5E-09	0.0E+00	1.9E-07
19	1.5E-07	4.4E-07	2.6E-07	4.2E-07	2.2E-07	2.0E-07	9.1E-08	4.9E-09	1.2E-07	3.3E-08	2.9E-08	9.4E-09	8.0E-09	0.0E+00	2.0E-07
20	1.6E-07	4.7E-07	2.7E-07	4.3E-07	2.4E-07	2.1E-07	9.8E-08	5.2E-09	1.3E-07	3.5E-08	2.9E-08	1.0E-08	8.5E-09	0.0E+00	2.1E-07
21	1.7E-07	5.1E-07	2.9E-07	4.5E-07	2.5E-07	2.3E-07	1.1E-07	5.6E-09	1.3E-07	3.7E-08	3.0E-08	1.1E-08	9.1E-09	0.0E+00	2.3E-07
22	1.8E-07	5.5E-07	3.2E-07	4.6E-07	2.7E-07	2.5E-07	1.1E-07	6.0E-09	1.5E-07	4.0E-08	3.1E-08	1.2E-08	9.8E-09	0.0E+00	2.4E-07
23	1.9E-07	5.7E-07	3.3E-07	4.7E-07	2.9E-07	2.6E-07	1.2E-07	6.3E-09	1.5E-07	4.2E-08	3.2E-08	1.2E-08	1.0E-08	0.0E+00	2.6E-07
24	2.0E-07	6.0E-07	3.5E-07	4.9E-07	3.0E-07	2.7E-07	1.2E-07	6.6E-09	1.6E-07	4.4E-08	3.3E-08	1.3E-08	1.1E-08	0.0E+00	2.7E-07
25	2.1E-07	6.3E-07	3.6E-07	5.1E-07	3.2E-07	2.9E-07	1.3E-07	7.0E-09	1.7E-07	4.6E-08	3.5E-08	1.4E-08	1.2E-08	0.0E+00	2.8E-07
26	2.2E-07	6.7E-07	3.9E-07	5.4E-07	3.4E-07	3.1E-07	1.4E-07	7.4E-09	1.8E-07	4.9E-08	3.7E-08	1.5E-08	1.2E-08	0.0E+00	3.0E-07
27	2.3E-07	7.0E-07	4.1E-07	5.9E-07	3.7E-07	3.4E-07	1.5E-07	7.8E-09	1.9E-07	5.2E-08	4.0E-08	1.6E-08	1.3E-08	0.0E+00	3.2E-07
28	2.5E-07	7.4E-07	4.3E-07	6.4E-07	4.0E-07	3.7E-07	1.7E-07	8.2E-09	2.0E-07	5.5E-08	4.4E-08	1.7E-08	1.5E-08	0.0E+00	3.4E-07
29	2.6E-07	7.8E-07	4.5E-07	7.1E-07	4.4E-07	4.0E-07	1.8E-07	8.7E-09	2.1E-07	5.8E-08	4.8E-08	1.9E-08	1.6E-08	0.0E+00	3.6E-07
30	2.8E-07	8.3E-07	4.8E-07	7.9E-07	4.9E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	6.1E-08	5.3E-08	2.1E-08	1.8E-08	0.0E+00	3.8E-07
31	3.0E-07	8.9E-07	5.2E-07	8.7E-07	5.4E-07	4.9E-07	2.2E-07	9.9E-09	2.4E-07	6.6E-08	5.9E-08	2.3E-08	1.9E-08	0.0E+00	4.2E-07
32	3.2E-07	9.6E-07	5.6E-07	9.4E-07	5.9E-07	5.4E-07	2.5E-07	1.1E-08	2.6E-07	7.1E-08	6.4E-08	2.5E-08	2.1E-08	0.0E+00	4.5E-07
33	3.5E-07	1.0E-06	6.0E-07	1.0E-06	6.4E-07	5.8E-07	2.7E-07	1.2E-08	2.8E-07	7.7E-08	6.9E-08	2.7E-08	2.3E-08	0.0E+00	4.9E-07
34	3.8E-07	1.1E-06	6.6E-07	1.1E-06	6.9E-07	6.2E-07	2.9E-07	1.3E-08	3.0E-07	8.3E-08	7.3E-08	2.9E-08	2.5E-08	0.0E+00	5.3E-07
35	4.1E-07	1.2E-06	7.1E-07	1.1E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	3.3E-07	9.0E-08	7.6E-08	3.1E-08	2.6E-08	0.0E+00	5.6E-07
36	4.4E-07	1.3E-06	7.7E-07	1.1E-06	7.5E-07	6.8E-07	3.1E-07	1.5E-08	3.5E-07	9.7E-08	7.8E-08	3.2E-08	2.7E-08	0.0E+00	6.0E-07
37	4.7E-07	1.4E-06	8.2E-07	1.2E-06	7.6E-07	6.9E-07	3.1E-07	1.6E-08	3.8E-07	1.0E-07	7.9E-08	3.2E-08	2.7E-08	0.0E+00	6.3E-07
38	6.0E-08	1.8E-07	1.1E-07	1.5E-07	7.6E-08	6.9E-08	3.1E-08	2.0E-09	4.9E-08	1.3E-08	1.0E-08	3.2E-09	2.7E-09	0.0E+00	8.0E-08
39	6.3E-08	1.9E-07	1.1E-07	1.6E-07	7.9E-08	7.2E-08	3.3E-08	2.1E-09	5.1E-08	1.4E-08	1.1E-08	3.4E-09	2.9E-09	0.0E+00	8.4E-08
40	6.5E-08	2.0E-07	1.1E-07	1.7E-07	8.3E-08	7.5E-08	3.4E-08	2.2E-09	5.3E-08	1.5E-08	1.1E-08	3.5E-09	3.0E-09	0.0E+00	8.7E-08
41	6.8E-08	2.1E-07	1.2E-07	1.8E-07	8.7E-08	7.9E-08	3.6E-08	2.3E-09	5.5E-08	1.5E-08	1.2E-08	3.7E-09	3.1E-09	0.0E+00	9.1E-08
42	7.1E-08	2.1E-07	1.2E-07	1.9E-07	9.2E-08	8.3E-08	3.8E-08	2.4E-09	5.7E-08	1.6E-08	1.3E-08	3.9E-09	3.3E-09	0.0E+00	9.5E-08
43	7.5E-08	2.3E-07	1.3E-07	2.0E-07	9.7E-08	8.8E-08	4.0E-08	2.5E-09	6.0E-08	1.7E-08	1.4E-08	4.1E-09	3.5E-09	0.0E+00	1.0E-07
44	7.8E-08	2.4E-07	1.4E-07	2.1E-07	1.0E-07	9.3E-08	4.2E-08	2.6E-09	6.3E-08	1.7E-08	1.5E-08	4.3E-09	3.7E-09	0.0E+00	1.1E-07
45	8.2E-08	2.5E-07	1.4E-07	2.3E-07	1.1E-07	9.8E-08	4.5E-08	2.7E-09	6.6E-08	1.8E-08	1.6E-08	4.6E-09	3.9E-09	0.0E+00	1.1E-07
46	8.6E-08	2.6E-07	1.5E-07	2.5E-07	1.1E-07	1.0E-07	4.7E-08	2.9E-09	6.9E-08	1.9E-08	1.7E-08	4.9E-09	4.1E-09	0.0E+00	1.2E-07
47	9.1E-08	2.8E-07	1.6E-07	2.7E-07	1.2E-07	1.1E-07	5.1E-08	3.0E-09	7.4E-08	2.0E-08	1.8E-08	5.2E-09	4.4E-09	0.0E+00	1.2E-07
48	9.7E-08	2.9E-07	1.7E-07	2.9E-07	1.3E-07	1.2E-07	5.5E-08	3.2E-09	7.8E-08	2.2E-08	2.0E-08	5.6E-09	4.8E-09	0.0E+00	1.3E-07
49	1.0E-07	3.1E-07	1.8E-07	3.2E-07	1.4E-07	1.3E-07	6.0E-08	3.5E-09	8.4E-08	2.3E-08	2.1E-08	6.1E-09	5.2E-09	0.0E+00	1.4E-07
50	1.1E-07	3.4E-07	2.0E-07	3.4E-07	1.6E-07	1.4E-07	6.6E-08	3.7E-09	9.0E-08	2.5E-08	2.3E-08	6.7E-09	5.7E-09	0.0E+00	1.5E-07
51	1.2E-07	3.6E-07	2.1E-07	3.6E-07	1.7E-07	1.5E-07	7.0E-08	3.9E-09	9.5E-08	2.6E-08	2.4E-08	7.1E-09	6.1E-09	0.0E+00	1.6E-07
52	1.3E-07	3.8E-07	2.2E-07	3.8E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	1.0E-07	2.8E-08	2.6E-08	7.8E-09	6.6E-09	0.0E+00	1.7E-07
53	1.4E-07	4.1E-07	2.4E-07	4.1E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	1.1E-07	3.0E-08	2.8E-08	8.5E-09	7.2E-09	0.0E+00	1.9E-07
54	1.5E-07	4.4E-07	2.5E-07	4.3E-07	2.2E-07	2.0E-07	9.1E-08	4.9E-09	1.2E-07	3.2E-08	2.9E-08	9.4E-09	8.0E-09	0.0E+00	2.0E-07
55	1.6E-07	4.7E-07	2.7E-07	4.6E-07	2.4E-07	2.2E-07	9.9E-08	5.2E-09	1.3E-07	3.5E-08	3.1E-08	1.0E-08	8.6E-09	0.0E+00	2.2E-07
56	1.7E-07	5.1E-07	2.9E-07	4.9E-07	2.6E-07	2.4E-07	1.1E-07	5.6E-09	1.3E-07	3.7E-08	3.3E-08	1.1E-08	9.4E-09	0.0E+00	2.3E-07
57	1.8E-07	5.4E-07	3.1E-07	5.0E-07	2.8E-07	2.5E-07	1.2E-07	6.0E-09	1.4E-07	4.0E-08	3.4E-08	1.2E-08	1.0E-08	0.0E+00	2.5E-07
58	1.9E-07	5.8E-07	3.4E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.4E-09	1.6E-07	4.3E-08	3.5E-08	1.3E-08	1.1E-08	0.0E+00	2.6E-07
59	2.1E-07	6.2E-07	3.6E-07	5.4E-07	3.2E-07	2.9E-07	1.3E-07	6.9E-09	1.7E-07	4.6E-08	3.6E-08	1.4E-08	1.2E-08	0.0E+00	2.8E-07
60	2.2E-07	6.6E-07	3.8E-07	5.6E-07	3.4E-07	3.1E-07	1.4E-07	7.3E-09	1.8E-07	4.8E-08	3.8E-08	1.4E-08	1.2E-08	0.0E+00	3.0E-07
61	2.3E-07	6.9E-07	4.0E-07	5.8E-07	3.6E-07	3.3E-07	1.5E-07	7.6E-09	1.8E-07	5.1E-08	3.9E-08	1.5E-08	1.3E-08	0.0E+00	3.1E-07
62	2.4E-07	7.3E-07	4.2E-07	6.1E-07	3.9E-07	3.5E-07	1.6E-07	8.1E-09	2.0E-07	5.4E-08	4.2E-08	1.6E-08	1.4E-08	0.0E+00	3.3E-07
63	2.6E-07	7.8E-07	4.5E-07	6.6E-07	4.2E-07	3.8E-07	1.7E-07	8.6E-09	2.1E-07	5.8E-08	4.5E-08	1.8E-08	1.5E-08	0.0E+00	3.5E-07
64	2.7E-07	8.2E-07	4.8E-07	7.2E-07	4.6E-07	4.1E-07	1.9E-07	9.1E-09	2.2E-07	6.1E-08	4.9E-08	1.9E-08	1.6E-08	0.0E+00	3.7E-07
65	2.9E-07	8.8E-07	5.1E-07	8.1E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	6.5E-08	5.5E-08	2.2E-08	1.8E-08	0.0E+00	4.0E-07
66	3.1E-07	9.3E-07	5.4E-07	9.0E-07	5.6E-07	5.1E-07	2.3E-07	1.0E-08	2.5E-07	6.9E-08	6.1E-08	2.4E-08	2.0E-08	0.0E+00	4.3E-07
67	3.3E-07	1.0E-06	5.8E-07	1.0E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-08	2.7E-07	7.3E-08	6.8E-08	2.6E-08	2.2E-08	0.0E+00	4.7E-07
68	3.6E-07	1.1E-06	6.2E-07	1.1E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-08	2.9E-07	8.0E-08	7.5E-08	2.9E-08	2.5E-08	0.0E+00	5.1E-07
69	3.9E-07	1.2E-06	6.8E-07	1.2E-06	7.6E-07	6.8E-07	3.1E-07	1.3E-08	3.1E-07	8.6E-08	8.0E-08	3.2E-08	2.7E-08	0.0E+00	5.5E-07
70	4.2E-07	1.3E-06	7.4E-07	1.3E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-08	3.4E-07	9.4E-08	8.5E-08	3.5E-08	2.9E-08	0.0E+00	6.0E-07
71	4.6E-07	1.4E-06	8.0E-07	1.3E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-08	3.7E-07	1.0E-07	8.9E-08	3.6E-08	3.1E-08	0.0E+00	6.5E-07
72	5.0E-07	1.5E-06	8.7E-07	1.3E-06	8.9E-07	8.0E-07	3.7E-07	1.7E-08	4.0E-07	1.1E-07	9.1E-08	3.8E-08	3.2E-08	0.0E+00	6.9E-07
73	5.4E-07	1.6E-06	9.4E-07	1.4E-06	9.0E-07	8.2E-07	3.7E-07	1.8E-08	4.3E-07	1.2E-07	9.2E-08	3.8E-08	3.2E-08	0.0E+00	7.3E-07
74	5.7E-07	1.7E-06	9.9E-07	1.4E-06	9.0E-07	8.1E-07	3.7E-07	1.9E-08	4.6E-07	1.3E-07	9.2E-08	3.8E-08	3.2E-08	0.0E+00	7.6E-07
75	6.4E-08	1.9E-07	1.1E-07	1.6E-07	8.1E-08	7.3E-08	3.3E-08	2.1E-09	5.2E-08	1.4E-08	1.1E-08	3.4E-09	2.9E-09	0.0E+00	8.5E-08
76	6.7E-08	2.0E-07	1.2E-07	1.7E-07	8.5E-08	7.7E-08	3.5E-08	2.2E-09	5.4E-08	1.5E-08	1.2E-08	3.6E-09	3.0E-09	0.0E+00	8.9E-08
77	6.9E-08	2.1E-07	1.2E-07	1.8E-07	8.9E-08	8.0E-08	3.7E-08	2.3E-09	5.6E-08	1.5E-08	1.2E-08	3.8E-09	3.2E-09	0.0E+00	9.3E-08
78	7.2E-08	2.2E-07	1.3E-07	1.9E-07	9.3E-08	8.4E-08	3.8E-08	2.4E-09	5.8E-08	1.6E-08	1.3E-08	3.9E-09	3.3E-09	0.0E+00	9.7E-08
79	7.6E-08	2.3E-07	1.3E-07	2.0E-07	9.9E-08	8.9E-08	4.1E-08	2.5E-09	6.1E-08	1.7E-08	1.4E-08	4.2E-09	3.6E-09	0.0E+00	1.0E-07
80	8.0E-08	2.4E-07	1.4E-07	2.2E-07	1.0E-07	9.5E-08	4.3E-08	2.7E-09	6.4E-08	1.8E-08	1.5E-08	4.4E-09	3.8E-09	0.0E+00	1.1E-07
81	8.3E-08	2.5E-07	1.5E-07	2.3E-07	1.1E-07	1.0E-07	4.6E-08	2.8E-09	6.7E-08	1.9E-08	1.6E-08	4.7E-09	4.0E-09	0.0E+00	1.1E-07
82	8.8E-08	2.7E-07	1.5E-07	2.5E-07	1.2E-07	1.1E-07	4.9E-08	2.9E-09	7.1E-08	2.0E-08	1.7E-08	5.0E-09	4.2E-09	0.0E+00	1.2E-07
83	9.3E-08	2.8E-07	1.6E-07	2.7E-07	1.3E-07	1.1E-07	5.2E-08	3.1E-09	7.5E-08	2.1E-08	1.9E-08	5.3E-09	4.5E-09	0.0E+00	1.3E-07
84	9.9E-08	3.0E-07	1.7E-07	3.0E-07	1.4E-07	1.2E-07	5.6E-08	3.3E-09	8.0E-08	2.2E-08	2.0E-08	5.7E-09	4.9E-09	0.0E+00	1.4E-07
85	1.1E-07	3.2E-07	1.8E-07	3.2E-07	1.5E-07	1.3E-07	6.0E-08	3.5E-09	8.5E-08	2.3E-08	2.2E-08	6.2E-09	5.2E-09	0.0E+00	1.5E-07
86	1.1E-07	3.4E-07	2.0E-07	3.5E-07	1.6E-07	1.4E-07	6.6E-08	3.8E-09	9.1E-08	2.5E-08	2.4E-08	6.7E-09	5.7E-09	0.0E+00	1.6E-07
87	1.2E-07	3.7E-07	2.1E-07	3.8E-07	1.7E-07	1.6E-07	7.2E-08	4.0E-09	9.8E-08	2.7E-08	2.6E-08	7.4E-09	6.2E-09	0.0E+00	1.7E-07
88	1.3E-07	3.9E-07	2.2E-07	4.0E-07	1.9E-07	1.7E-07	7.7E-08	4.3E-09	1.0E-07	2.9E-08	2.7E-08	7.9E-09	6.7E-09	0.0E+00	1.8E-07
89	1.4E-07	4.1E-07	2.4E-07	4.3E-07	2.0E-07	1.9E-07	8.5E-08	4.6E-09	1.1E-07	3.1E-08	2.9E-08	8.7E-09	7.4E-09	0.0E+00	1.9E-07
90	1.5E-07	4.5E-07	2.6E-07	4.7E-07	2.3E-07	2.1E-07	9.6E-08	5.0E-09	1.2E-07	3.4E-08	3.2E-08	9.8E-09	8.3E-09	0.0E+00	2.1E-07
91	1.6E-07	4.9E-07	2.8E-07	5.0E-07	2.5E-07	2.3E-07	1.0E-07	5.4E-09	1.3E-07	3.6E-08	3.4E-08	1.1E-08	9.1E-09	0.0E+00	2.3E-07
92	1.8E-07	5.3E-07	3.1E-07	5.4E-07	2.8E-07	2.5E-07	1.2E-07	5.9E-09	1.4E-07	3.9E-08	3.6E-08	1.2E-08	1.0E-08	0.0E+00	2.5E-07
93	1.9E-07	5.8E-07	3.4E-07	5.7E-07	3.0E-07	2.8E-07	1.3E-07	6.4E-09	1.6E-07	4.3E-08	3.9E-08	1.3E-08	1.1E-08	0.0E+00	2.7E-07
94	2.1E-07	6.3E-07	3.6E-07	5.9E-07	3.3E-07	3.0E-07	1.4E-07	6.9E-09	1.7E-07	4.6E-08	4.0E-08	1.4E-08	1.2E-08	0.0E+00	2.9E-07
95	2.2E-07	6.7E-07	3.9E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	7.4E-09	1.8E-07	4.9E-08	4.2E-08	1.5E-08	1.3E-08	0.0E+00	3.0E-07
96	2.4E-07	7.2E-07	4.1E-07	6.4E-07	3.8E-07	3.5E-07	1.6E-07	7.9E-09	1.9E-07	5.3E-08	4.3E-08	1.6E-08	1.4E-08	0.0E+00	3.3E-07
97	2.5E-07	7.6E-07	4.4E-07	6.6E-07	4.1E-07	3.7E-07	1.7E-07	8.4E-09	2.0E-07	5.6E-08	4.5E-08	1.7E-08	1.5E-08	0.0E+00	3.4E-07
98	2.7E-07	8.1E-07	4.7E-07	7.0E-07	4.4E-07	4.0E-07	1.8E-07	9.0E-09	2.2E-07	6.0E-08	4.8E-08	1.9E-08	1.6E-08	0.0E+00	3.7E-07
99	2.9E-07	8.6E-07	5.0E-07	7.5E-07	4.8E-07	4.3E-07	2.0E-07	9.6E-09	2.3E-07	6.4E-08	5.1E-08	2.0E-08	1.7E-08	0.0E+00	3.9E-07
100	3.1E-07	9.2E-07	5.3E-07	8.3E-07	5.2E-07	4.8E-07	2.2E-07	1.0E-08	2.5E-07	6.8E-08	5.6E-08	2.2E-08	1.9E-08	0.0E+00	4.2E-07
101	3.2E-07	9.8E-07	5.7E-07	9.3E-07	5.8E-07	5.2E-07	2.4E-07	1.1E-08	2.6E-07	7.2E-08	6.3E-08	2.5E-08	2.1E-08	0.0E+00	4.5E-07
102	3.5E-07	1.0E-06	6.1E-07	1.0E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	2.8E-07	7.7E-08	7.1E-08	2.8E-08	2.3E-08	0.0E+00	4.9E-07
103	3.7E-07	1.1E-06	6.5E-07	1.2E-06	7.3E-07	6.6E-07	3.0E-07	1.2E-08	3.0E-07	8.3E-08	8.0E-08	3.1E-08	2.6E-08	0.0E+00	5.3E-07
104	4.0E-07	1.2E-06	7.1E-07	1.3E-06	8.2E-07	7.4E-07	3.4E-07	1.3E-08	3.3E-07	9.0E-08	8.8E-08	3.5E-08	2.9E-08	0.0E+00	5.8E-07
105	4.4E-07	1.3E-06	7.7E-07	1.4E-06	9.0E-07	8.2E-07	3.7E-07	1.5E-08	3.6E-07	9.8E-08	9.5E-08	3.8E-08	3.3E-08	0.0E+00	6.4E-07
106	4.8E-07	1.5E-06	8.4E-07	1.5E-06	9.8E-07	8.9E-07	4.0E-07	1.6E-08	3.9E-07	1.1E-07	1.0E-07	4.1E-08	3.5E-08	0.0E+00	6.9E-07
107	5.3E-07	1.6E-06	9.2E-07	1.6E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-08	4.3E-07	1.2E-07	1.1E-07	4.4E-08	3.7E-08	0.0E+00	7.5E-07
108	5.8E-07	1.7E-06	1.0E-06	1.6E-06	1.1E-06	9.7E-07	4.4E-07	1.9E-08	4.6E-07	1.3E-07	1.1E-07	4.5E-08	3.8E-08	0.0E+00	8.0E-07
109	6.2E-07	1.9E-06	1.1E-06	1.6E-06	1.1E-06	9.8E-07	4.5E-07	2.1E-08	5.0E-07	1.4E-07	1.1E-07	4.6E-08	3.9E-08	0.0E+00	8.5E-07
110	6.6E-07	2.0E-06	1.2E-06	1.6E-06	1.1E-06	9.7E-07	4.4E-07	2.2E-08	5.3E-07	1.5E-07	1.1E-07	4.5E-08	3.9E-08	0.0E+00	8.9E-07
111	6.9E-07	2.1E-06	1.2E-06	1.5E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.6E-07	1.5E-07	1.0E-07	4.4E-08	3.7E-08	0.0E+00	9.2E-07
112	6.8E-08	2.0E-07	1.2E-07	1.7E-07	8.6E-08	7.8E-08	3.6E-08	2.3E-09	5.5E-08	1.5E-08	1.2E-08	3.7E-09	3.1E-09	0.0E+00	9.0E-08
113	7.1E-08	2.1E-07	1.2E-07	1.8E-07	9.0E-08	8.2E-08	3.7E-08	2.4E-09	5.7E-08	1.6E-08	1.2E-08	3.8E-09	3.3E-09	0.0E+00	9.4E-08
114	7.4E-08	2.2E-07	1.3E-07	1.9E-07	9.5E-08	8.6E-08	3.9E-08	2.5E-09	6.0E-08	1.6E-08	1.3E-08	4.0E-09	3.4E-09	0.0E+00	9.9E-08
115	7.7E-08	2.3E-07	1.4E-07	2.1E-07	1.0E-07	9.1E-08	4.2E-08	2.6E-09	6.2E-08	1.7E-08	1.4E-08	4.3E-09	3.6E-09	0.0E+00	1.0E-07
116	8.1E-08	2.5E-07	1.4E-07	2.2E-07	1.1E-07	9.7E-08	4.4E-08	2.7E-09	6.6E-08	1.8E-08	1.5E-08	4.5E-09	3.8E-09	0.0E+00	1.1E-07
117	8.5E-08	2.6E-07	1.5E-07	2.4E-07	1.1E-07	1.0E-07	4.7E-08	2.8E-09	6.9E-08	1.9E-08	1.6E-08	4.8E-09	4.1E-09	0.0E+00	1.2E-07
118	8.9E-08	2.7E-07	1.6E-07	2.5E-07	1.2E-07	1.1E-07	5.0E-08	3.0E-09	7.2E-08	2.0E-08	1.7E-08	5.1E-09	4.3E-09	0.0E+00	1.2E-07
119	9.5E-08	2.9E-07	1.7E-07	2.8E-07	1.3E-07	1.2E-07	5.3E-08	3.2E-09	7.7E-08	2.1E-08	1.9E-08	5.5E-09	4.6E-09	0.0E+00	1.3E-07
120	1.0E-07	3.0E-07	1.8E-07	3.0E-07	1.4E-07	1.2E-07	5.7E-08	3.3E-09	8.1E-08	2.2E-08	2.0E-08	5.8E-09	4.9E-09	0.0E+00	1.4E-07
121	1.1E-07	3.3E-07	1.9E-07	3.3E-07	1.5E-07	1.4E-07	6.2E-08	3.6E-09	8.7E-08	2.4E-08	2.3E-08	6.4E-09	5.4E-09	0.0E+00	1.5E-07
122	1.2E-07	3.5E-07	2.0E-07	3.7E-07	1.6E-07	1.5E-07	6.7E-08	3.9E-09	9.3E-08	2.6E-08	2.5E-08	6.9E-09	5.9E-09	0.0E+00	1.6E-07
123	1.2E-07	3.7E-07	2.2E-07	4.0E-07	1.8E-07	1.6E-07	7.3E-08	4.1E-09	9.9E-08	2.7E-08	2.7E-08	7.5E-09	6.3E-09	0.0E+00	1.7E-07

CONSTRUCTION RISK (UNMITIGATED)

124	UCART1	593047.59	4122919.92	593047.59, 4122919.92	0.05464	0.09532	0.07738	0.16938	0.12154	3.68E-04	7.05E-04	3.11E-04	3.71E-06	6.93E-06	4.73E-07	8.84E-07	1.78E-06	3.33E-06	3.79E-04	7.07E-04	3.16E-04	1.40E-03	1.3E-07	4.0E-07	2.3E-07	4.3E-07	1.9E-07	1.7E-07	7.9E-08	4.4E-09	1.1E-07	2.9E-08	2.9E-08	8.1E-09	6.9E-09	0.0E+00	1.8E-07
125	UCART1	593087.59	4122919.92	593087.59, 4122919.92	0.05896	0.10289	0.08522	0.18705	0.13241	3.97E-04	7.61E-04	3.43E-04	4.10E-06	7.55E-06	5.23E-07	9.63E-07	1.97E-06	3.63E-06	4.09E-04	7.63E-04	3.48E-04	1.52E-03	1.4E-07	4.3E-07	2.5E-07	4.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	1.1E-07	3.1E-08	3.1E-08	8.9E-09	7.6E-09	0.0E+00	2.0E-07
126	UCART1	593127.59	4122919.92	593127.59, 4122919.92	0.06382	0.11107	0.09492	0.20653	0.14425	4.30E-04	8.22E-04	3.82E-04	4.53E-06	8.22E-06	5.77E-07	1.05E-06	2.18E-06	3.95E-06	4.43E-04	8.24E-04	3.88E-04	1.65E-03	1.5E-07	4.6E-07	2.7E-07	5.0E-07	2.3E-07	2.1E-07	9.7E-08	5.1E-09	1.2E-07	3.4E-08	3.4E-08	1.0E-08	8.4E-09	0.0E+00	2.1E-07
127	UCART1	593167.59	4122919.92	593167.59, 4122919.92	0.0707	0.12077	0.1085	0.22693	0.16031	4.76E-04	8.94E-04	4.36E-04	4.97E-06	9.14E-06	6.34E-07	1.17E-06	2.39E-06	4.39E-06	4.90E-04	8.95E-04	4.43E-04	1.83E-03	1.7E-07	5.1E-07	3.0E-07	5.4E-07	2.7E-07	2.4E-07	1.1E-07	5.7E-09	1.4E-07	3.8E-08	3.7E-08	1.1E-08	9.6E-09	0.0E+00	2.4E-07
128	UCART1	593207.59	4122919.92	593207.59, 4122919.92	0.07543	0.13029	0.11851	0.24481	0.17467	5.08E-04	9.64E-04	4.76E-04	5.36E-06	9.96E-06	6.84E-07	1.27E-06	2.58E-06	4.79E-06	5.23E-04	9.66E-04	4.84E-04	1.97E-03	1.8E-07	5.5E-07	3.2E-07	5.8E-07	2.9E-07	2.7E-07	1.2E-07	6.0E-09	1.5E-07	4.0E-08	4.0E-08	1.2E-08	1.1E-08	0.0E+00	2.6E-07
129	UCART1	593247.59	4122919.92	593247.59, 4122919.92	0.08444	0.1412	0.13304	0.26145	0.19442	5.69E-04	1.04E-03	5.35E-04	5.73E-06	1.11E-05	7.31E-07	1.41E-06	2.75E-06	5.33E-06	5.86E-04	1.05E-03	5.43E-04	2.18E-03	2.0E-07	6.1E-07	3.5E-07	6.3E-07	3.3E-07	3.0E-07	1.4E-07	6.8E-09	1.6E-07	4.5E-08	4.3E-08	1.4E-08	1.2E-08	0.0E+00	2.8E-07
130	UCART1	593287.59	4122919.92	593287.59, 4122919.92	0.09088	0.1504	0.14596	0.27412	0.21621	6.12E-04	1.11E-03	5.87E-04	6.01E-06	1.23E-05	7.66E-07	1.57E-06	2.89E-06	5.92E-06	6.30E-04	1.12E-03	5.96E-04	2.34E-03	2.2E-07	6.6E-07	3.8E-07	6.7E-07	3.6E-07	3.3E-07	1.5E-07	7.3E-09	1.8E-07	4.9E-08	4.6E-08	1.5E-08	1.3E-08	0.0E+00	3.1E-07
131	UCART1	593327.59	4122919.92	593327.59, 4122919.92	0.09967	0.15832	0.16223	0.28354	0.24473	6.71E-04	1.17E-03	6.52E-04	6.21E-06	1.39E-05	7.93E-07	1.78E-06	2.99E-06	6.71E-06	6.91E-04	1.17E-03	6.62E-04	2.53E-03	2.4E-07	7.2E-07	4.2E-07	7.1E-07	4.0E-07	3.6E-07	1.7E-07	8.0E-09	1.9E-07	5.3E-08	4.8E-08	1.7E-08	1.4E-08	0.0E+00	3.3E-07
132	UCART1	593367.59	4122919.92	593367.59, 4122919.92	0.10685	0.16447	0.17552	0.28878	0.27543	7.20E-04	1.22E-03	7.06E-04	6.33E-06	1.57E-05	8.07E-07	2.00E-06	3.04E-06	7.55E-06	7.42E-04	1.22E-03	7.16E-04	2.68E-03	2.6E-07	7.8E-07	4.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.6E-09	2.1E-07	5.7E-08	5.0E-08	1.8E-08	1.6E-08	0.0E+00	3.6E-07
133	UCART1	593407.59	4122919.92	593407.59, 4122919.92	0.11495	0.1719	0.19048	0.29041	0.30992	7.74E-04	1.27E-03	7.66E-04	6.36E-06	1.77E-05	8.12E-07	2.25E-06	3.06E-06	8.49E-06	7.98E-04	1.28E-03	7.77E-04	2.85E-03	2.8E-07	8.3E-07	4.8E-07	7.7E-07	4.7E-07	4.3E-07	1.9E-07	9.2E-09	2.2E-07	6.1E-08	5.2E-08	2.0E-08	1.7E-08	0.0E+00	3.8E-07
134	UCART1	593447.59	4122919.92	593447.59, 4122919.92	0.12353	0.18117	0.20563	0.28853	0.34478	8.32E-04	1.34E-03	8.27E-04	6.32E-06	1.97E-05	8.06E-07	2.51E-06	3.04E-06	9.45E-06	8.58E-04	1.34E-03	8.39E-04	3.04E-03	3.0E-07	9.0E-07	5.2E-07	8.1E-07	5.1E-07	4.6E-07	2.1E-07	9.9E-09	2.4E-07	6.6E-08	5.5E-08	2.2E-08	1.8E-08	0.0E+00	4.1E-07
135	UCART1	593487.59	4122919.92	593487.59, 4122919.92	0.13301	0.19416	0.22348	0.2836	0.37816	8.96E-04	1.44E-03	8.98E-04	6.21E-06	2.16E-05	7.93E-07	2.75E-06	2.99E-06	1.04E-05	9.24E-04	1.44E-03	9.12E-04	3.28E-03	3.2E-07	9.7E-07	5.6E-07	8.7E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	7.1E-08	5.9E-08	2.3E-08	2.0E-08	0.0E+00	4.4E-07
136	UCART1	593527.59	4122919.92	593527.59, 4122919.92	0.14213	0.21305	0.2453	0.27605	0.40727	9.57E-04	1.58E-03	9.86E-04	6.05E-06	2.32E-05	7.72E-07	2.96E-06	2.91E-06	1.12E-05	9.86E-04	1.58E-03	1.00E-03	3.57E-03	3.4E-07	1.0E-06	6.0E-07	9.6E-07	6.1E-07	5.5E-07	2.5E-07	1.1E-08	2.8E-07	7.6E-08	6.5E-08	2.6E-08	2.2E-08	0.0E+00	4.8E-07
137	UCART1	593567.59	4122919.92	593567.59, 4122919.92	0.15227	0.24	0.27312	0.26666	0.43176	1.03E-03	1.78E-03	1.10E-03	5.84E-06	2.46E-05	7.45E-07	3.14E-06	2.81E-06	1.18E-05	1.06E-03	1.78E-03	1.11E-03	3.95E-03	3.7E-07	1.1E-06	6.4E-07	1.1E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-08	2.9E-07	8.1E-08	7.3E-08	2.9E-08	2.4E-08	0.0E+00	5.1E-07
138	UCART1	593607.59	4122919.92	593607.59, 4122919.92	0.16312	0.27352	0.30729	0.25538	0.44985	1.10E-03	2.02E-03	1.24E-03	5.60E-06	2.56E-05	7.14E-07	3.27E-06	2.69E-06	1.23E-05	1.13E-03	2.03E-03	1.25E-03	4.41E-03	3.9E-07	1.2E-06	6.8E-07	1.2E-06	7.6E-07	6.9E-07	3.1E-07	1.3E-08	3.2E-07	8.7E-08	8.3E-08	3.2E-08	2.7E-08	0.0E+00	5.6E-07
139	UCART1	593647.59	4122919.92	593647.59, 4122919.92	0.17673	0.31075	0.35023	0.24309	0.46295	1.19E-03	2.30E-03	1.41E-03	5.33E-06	2.64E-05	6.79E-07	3.37E-06	2.56E-06	1.27E-05	1.22E-03	2.30E-03	1.42E-03	4.95E-03	4.2E-07	1.3E-06	7.4E-07	1.4E-06	8.6E-07	7.8E-07	3.6E-07	1.4E-08	3.4E-07	9.4E-08	9.5E-08	3.7E-08	3.1E-08	0.0E+00	6.1E-07
140	UCART1	593687.59	4122919.92	593687.59, 4122919.92	0.19308	0.34725	0.39854	0.23013	0.47083	1.30E-03	2.57E-03	1.60E-03	5.04E-06	2.68E-05	6.43E-07	3.42E-06	2.42E-06	1.29E-05	1.33E-03	2.57E-03	1.62E-03	5.52E-03	4.6E-07	1.4E-06	8.1E-07	1.6E-06	9.8E-07	8.9E-07	4.0E-07	1.5E-08	3.7E-07	1.0E-07	1.1E-07	4.2E-08	3.5E-08	0.0E+00	6.7E-07
141	UCART1	593727.59	4122919.92	593727.59, 4122919.92	0.21242	0.37925	0.44635	0.21676	0.47325	1.43E-03	2.81E-03	1.79E-03	4.75E-06	2.70E-05	6.06E-07	3.44E-06	2.28E-06	1.30E-05	1.46E-03	2.81E-03	1.81E-03	6.08E-03	5.1E-07	1.5E-06	8.8E-07	1.7E-06	1.1E-06	9.9E-07	4.5E-07	1.7E-08	4.1E-07	1.1E-07	1.2E-07	4.6E-08	3.9E-08	0.0E+00	7.4E-07
142	UCART1	593767.59	4122919.92	593767.59, 4122919.92	0.23493	0.4043	0.48849	0.20331	0.47094	1.58E-03	2.99E-03	1.96E-03	4.46E-06	2.68E-05	5.68E-07	3.42E-06	2.14E-06	1.29E-05	1.61E-03	3.00E-03	1.98E-03	6.59E-03	5.6E-07	1.7E-06	9.8E-07	1.8E-06	1.2E-06	1.1E-06	5.0E-07	1.9E-08	4.5E-07	1.2E-07	1.2E-07	5.1E-08	4.3E-08	0.0E+00	8.1E-07
143	UCART1	593807.59	4122919.92	593807.59, 4122919.92	0.25943	0.42077	0.51954	0.19	0.46387	1.75E-03	3.11E-03	2.09E-03	4.16E-06	2.64E-05	5.31E-07	3.37E-06	2.00E-06	1.27E-05	1.78E-03	3.12E-03	2.10E-03	7.00E-03	6.2E-07	1.9E-06	1.1E-06	1.9E-06	1.3E-06	1.2E-06	5.3E-07	2.1E-08	5.0E-07	1.4E-07	1.3E-07	5.4E-08	4.6E-08	0.0E+00	8.8E-07
144	UCART1	593847.59	4122919.92	593847.59, 4122919.92	0.28491	0.42824	0.53733	0.17706	0.45263	1.92E-03	3.17E-03	2.16E-03	3.88E-06	2.58E-05	4.95E-07	3.29E-06	1.87E-06	1.24E-05	1.95E-03	3.17E-03	2.17E-03	7.30E-03	6.7E-07	2.0E-06	1.2E-06	1.9E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-08	5.4E-07	1.5E-07	1.3E-07	5.6E-08	4.7E-08	0.0E+00	9.5E-07
145	UCART1	593887.59	4122919.92	593887.59, 4122919.92	0.30965	0.42693	0.54134	0.16466	0.43761	2.09E-03	3.16E-03	2.18E-03	3.61E-06	2.49E-05	4.60E-07	3.18E-06	1.73E-06	1.20E-05	2.11E-03	3.16E-03	2.19E-03	7.47E-03	7.3E-07	2.2E-06	1.3E-06	1.9E-06	1.3E-06	1.2E-06	5.5E-07	2.4E-08	5.9E-07	1.6E-07	1.3E-07	5.6E-08	4.8E-08	0.0E+00	1.0E-06
146	UCART1	593927.59	4122919.92	593927.59, 4122919.92	0.33151	0.41761	0.53242	0.15289	0.41912	2.23E-03	3.09E-03	2.14E-03	3.35E-06	2.39E-05	4.27E-07	3.05E-06	1.61E-06	1.15E-05	2.26E-03	3.09E-03	2.15E-03	7.51E-03	7.8E-07	2.4E-06	1.4E-06	1.9E-06	1.3E-06	1.2E-06	5.4E-07	2.6E-08	6.3E-07	1.7E-07	1.3E-07	5.5E-08	4.7E-08	0.0E+00	1.1E-06
147	UCART1	593967.59	4122919.92	593967.59, 4122919.92	0.34865	0.40151	0.5127	0.14187	0.39769	2.35E-03	2.97E-03	2.06E-03	3.11E-06	2.27E-05	3.97E-07	2.89E-06	1.49E-06	1.09E-05	2.37E-03	2.97E-03	2.07E-03	7.42E-03	8.2E-07	2.5E-06	1.4E-06	1.8E-06	1.3E-06	1.1E-06	5.2E-07	2.7E-08	6.6E-07	1.8E-07	1.2E-07	5.3E-08	4.5E-08	0.0E+00	1.1E-06
148	UCART1	594007.59	4122919.92	594007.59, 4122919.92	0.35955	0.38003	0.48457	0.13145	0.37372	2.42E-03	2.81E-03	1.95E-03	2.88E-06	2.13E-05	3.67E-07	2.72E-06	1.38E-06	1.02E-05	2.45E-03	2.82E-03	1.96E-03	7.22E-03	8.5E-07	2.6E-06	1.5E-06	1.7E-06	1.2E-06	1.1E-06	4.9E-07	2.8E-08	6.8E-07	1.9E-07	1.2E-07	5.0E-08	4.3E-08	0.0E+00	1.1E-06
149	UCART1	592567.59	4122959.92	592567.59, 4122959.92	0.03033	0.04112	0.03756	0.0825	0.04881	2.04E-04	3.04E-04	1.51E-04	1.81E-06	2.78E-06	2.31E-07	3.55E-07	8.69E-07	1.34E-06	2.09E-04	3.05E-04	1.53E-04	6.67E-04	7.2E-08	2.2E-07	1.3E-07	1.8E-07	9.3E-08	8.4E-08	3.8E-08	2.4E-09	5.8E-08	1.6E-08	1.3E-08	3.9E-09	3.3E-09	0.0E+00	9.7E-08
150	UCART1	592607.59	4122959.92	592607.59, 4122959.92	0.03154	0.04344	0.03938	0.08806	0.05198	2.12E-04	3.21E-04	1.58E-04	1.93E-06	2.96E-06	2.46E-07	3.78E-07	9.28E-07	1.42E-06	2.17E-04	3.22E-04	1.61E-04	7.00E-04	7.5E-08	2.3E-07	1.3E-07	1.9E-07	9.7E-08	8.8E-08	4.0E-08	2.5E-09	6.1E-08	1.7E-08	1.3E-08	4.1E-09	3.5E-09	0.0E+00	1.0E-07
151	UCART1	592647.59	4122959.92	592647.59, 4122959.92	0.03298	0.04632	0.04152	0.09729	0.05585	2.22E-04	3.43E-04	1.67E-04	2.13E-06	3.18E-06	2.72E-07	4.06E-07	1.03E-06	1.53E-06	2.27E-04	3.43E-04	1.69E-04	7.40E-04	7.9E-08	2.4E-07	1.4E-07	2.1E-07	1.0E-07	9.3E-08	4.2E-08	2.6E-09	6.4E-08	1.8E-08	1.4E-08	4.4E-09	3.7E-09	0.0E+00	1.1E-07
152	UCART1	592687.59	4122959.92	592687.59, 4122959.92	0.03457	0.04957	0.04393	0.10603	0.06023	2.33E-04	3.67E-04	1.77E-04	2.32E-06	3.43E-06	2.96E-07	4.38E-07	1.12E-06	1.65E-06	2.39E-04	3.68E-04	1.79E-04	7.85E-04	8.3E-08	2.5E-07	1.4E-07	2.2E-07	1.1E-07	9.8E-08	4.5E-08	2.8E-09	6.7E-08	1.8E-08	1.5E-08	4.6E-09	3.9E-09	0.0E+00	1.1E-07
153	UCART1	592727.59	4122959.92	592727.59, 4122959.92	0.03638	0.05342	0.04671	0.11557	0.06601	2.45E-04	3.95E-04	1.88E-04	2.53E-06	3.76E-06	3.23E-07	4.80E-07	1.22E-06	1.81E-06	2.51E-04	3.96E-04	1.91E-04	8.38E-04	8.7E-08	2.6E-07	1.5E-07	2.4E-07	1.2E-07	1.0E-07	4.8E-08	2.9E-09	7.0E-08	1.9E-08	1.6E-08	4.9E-09	4.2E-09	0.0E+00	1.2E-07
154	UCART1	592767.59	4122959.92	592767.59, 4122959.92	0.03827	0.05745	0.0497	0.12406	0.07181	2.58E-04	4.25E-04	2.00E-04	2.72E-06	4.09E-06	3.47E-07	5.22E-07	1.31E-06	1.97E-06	2.65E-04	4.26E-04	2.03E-04	8.94E-04	9.2E-08	2.8E-07	1.6E-07	2.6E-07	1.2E-07	1.1E-07	5.1E-08	3.1E-09	7.4E-08	2.0E-08	1.7E-08	5.2E-09	4.4E-09	0.0E+00	1.2E-07
155	UCART1	592807.59	4122959.92	592807.59, 4122959.92	0.04028	0.06176	0.05296	0.1319	0.07837	2.71E-04	4.57E-04	2.13E-04	2.89E-06	4.47E-06	3.69E-07	5.70E-07	1.39E-06	2.15E-06	2.79E-04	4.58E-04	2.16E-04	9.53E-04	9.6E-08	2.9E-07	1.7E-07	2.8E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-09	7.8E-08	2.1E-08	1.9E-08	5.6E-09	4.7E-09	0.0E+00	1.3E-07
156	UCART1	592847.59	4122959.92	592847.59, 4122959.92	0.0428	0.06767	0.05703	0.14055	0.08904	2.88E-04	5.01E-04	2.29E-04	3.08E-06	5.08E-06	3.93E-07	6.47E-07	1.48E-06	2.44E-06	2.96E-04	5.02E-04	2.33E-04	1.03E-03	1.0E-07	3.1E-07	1.8E-07	3.0E-07	1.4E-07	1.3E-07	5.8E-08	3.4E-09	8.3E-08	2.3E-08	2.1E-08	6.0E-09	5.1E-09	0.0E+00	1.4E-07
157	UCART1	592887.59	4122959.92	592887.59, 4122959.92	0.04531	0.07349	0.06121	0.14981	0.09736	3.05E-04	5.44E-04	2.46E-04	3.28E-06	5.55E-06	4.19E-07	7.08E-07	1.58E-06	2.67E-06	3.14E-04	5.45E-04	2.50E-04	1.11E-03	1.1E-07	3.3E-07	1.9E-07	3.3E-07	1.5E-07	1.4E-07	6.3E-08	3.6E-09	8.8E-08	2.4E-08	2.2E-08	6.4E-09	5.5E-09	0.0E+00	1.5E-07
158	UCART1	592927.59	4122959.92	592927.59, 4122959.92	0.04848	0.08154	0.06648	0.16126	0.10752	3.27E-04	6.03E-04	2.67E-04	3.53E-06	6.13E-06	4.51E-07	7.82E-07	1.70E-06	2.95E-06	3.36E-04	6.05E-04	2.72E-04	1.21E-03	1.2E-07	3.5E-07	2.0E-07	3.7E-07	1.6E-07	1.5E-07	6.8E-08	3.9E-09	9.4E-08	2.6E-08	2.5E-08	7.0E-09	5.9E-09	0.0E+00	1.6E-07
159	UCART1	592967.59	4122959.92	592967.59, 4122959.92	0.05208	0.09056	0.07259	0.17593	0.11894	3.51E-04	6.70E-04	2.92E-04	3.86E-06	6.78E-06	4.92E-07	8.65E-07	1.85E-06	3.26E-06	3.61E-04	6.72E-04	2.97E-04	1.33E-03	1.3E-07	3.8E-07	2.2E-07	4.1E-07	1.8E-07	1.6E-07	7.4E-08	4.2E-09	1.0E-07	2.8E-08	2.8E-08	7.6E-09	6.5E-09	0.0E+00	1.7E-07
160	UCART1	593007.59	4122959.92	593007.59, 4122959.92	0.0564	0.09979	0.07983	0.19449	0.13144	3.80E-04	7.38E-04	3.21E-04	4.26E-06	7.49E-06	5.44E-07	9.56E-07	2.05E-06	3.60E-06	3.92E-04	7.40E-04	3.27E-04	1.46E-03	1.4E-07	4.1E-07	2.4E-07	4.5E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	1.1E-07	3.0E-08	3.0E-08	8.4E-09	7.1E-09	0.0E+00	1.9E-07
161	UCART1	593047.59	4122959.92	593047.59, 4122959.92	0.06098	0.10928	0.08856	0.21666	0.14481	4.11E-04	8.09E-04	3.56E-04	4.75E-06	8.25E-06	6.06E-07	1.05E-06	2.28E-06	3.97E-06	4.24E-04	8.10E-04	3.62E-04	1.60E-03	1.5E-07	4.4E-07	2.6E-07	4.9E-07	2.2E-07	2.0E-07	9.1E-08	4.9E-09	1.2E-07	3.3E-08	3.3E-08	9.3E-09	7.9E-09	0.0E+00	2.1E-07
162	UCART1	593087.59	4122959.92	593087.59, 4122959.92	0.06491	0.11873	0.09608	0.24005	0.15859	4.37E-04	8.79E-04	3.86E-04	5.26E-06	9.04E-06	6.71E-07	1.15E-06	2.53E-06	4.35E-06	4.51E-04	8.80E-04	3.93E-04	1.72E-03	1.6E-07	4.7E-07	2.7E-07	5.3E-07	2.4E-07	2.2E-07	9.8E-08	5.2E-09	1.3E-07	3.5E-08	3.6E-08	1.0E-08	8.6E-09	0.0E+00	2.2E-07
163	UCART1	593127.59	4122959.92	593127.59, 4122959.92	0.07153	0.12983	0.11025	0.26624	0.17657	4.82E-04	9.61E-04	4.43E-04	5.83E-06	1.01E-05	7.44E-07	1.28E-06	2.81E-06	4.84E-06	4.98E-04	9.63E-04	4.51E-04	1.91E-03	1.7E-07	5.2E-07	3.0E-07	5.8E-07	2.7E-07	2.5E-07	1.1E-07	5.8E-09	1.4E-07	3.8E-08	4.0E-08	1.2E-08	9.8E-09	0.0E+00	2.4E-07
164	UCART1	593167.59	4122959.92	593167.59, 4122959.92	0.07995	0.14239	0.12679	0.29082	0.1978	5.38E-04	1.05E-03	5.10E-04	6.37E-06	1.13E-05	8.13E-07	1.44E-06	3.06E-06	5.42E-06	5.56E-04	1.06E-03	5.18E-04	2.13E-03	1.9E-07	5.8E-07	3.4E-07	6.4E-07	3.1E-07	2.8E-07	1.3E-07	6.4E-09	1.6E-07	4.3E-08	4.3E-08	1.3E-08	1.1E-08	0.0E+00	2.7E-07
165	UCART1	593207.59	4122959.92	593207.59, 4122959.92	0.08672	0.1553	0.14093	0.31063	0.21954	5.84E-04	1.15E-03	5.66E-04	6.81E-06	1.25E-05	8.68E-07	1.60E-06	3.27E-06	6.02E-06	6.03E-04	1.15E-03	5.76E-04	2.33E-03	2.1E-07	6.3E-07	3.7E-07	7.0E-07	3.5E-07	3.2E-07	1.4E-07	7.0E-09	1.7E-07	4.6E-08	4.7E-08	1.5E-08	1.3E-08	0.0E+00	3.0E-07
166	UCART1	593247.59	4122959.92	593247.59, 4122959.92	0.09713	0.17013	0.15961	0.32654	0.24888	6.54E-04	1.26E-03	6.42E-04	7.16E-06	1.42E-05	9.13E-07	1.81E-06	3.44E-06	6.82E-06	6.76E-04	1.26E-03	6.52E-04	2.59E-03	2.3E-07	7.1E-07	4.1E-07	7.6E-07	3.9E-07	3.6E-07	1.6E-07	7.8E-09	1.9E-07	5.2E-08	5.2E-08	1.7E-08	1.4E-08	0.0E+00	3.3E-07
167	UCART1	593287.59	4122959.92	593287.59, 4122959.92	0.10521	0.18292	0.17662	0.33676	0.28211	7.09E-04	1.35E-03	7.10E-04	7.38E-06	1.61E-05	9.41E-07	2.05E-06	3.55E-06	7.73E-06	7.32E-04	1.36E-03	7.21E-04	2.81E-03	2.5E-07	7.7E-07	4.4E-07	8.2E-07	4.4E-07	4.0E-07	1.8E-07	8.5E-09	2.0E-07	5.6E-08	5.6E-08	1.9E-08	1.6E-08	0.0E+00	3.6E-07
168	UCART1	593327.59	4122959.92	593327.59, 4122959.92	0.11612	0.19445	0.19902	0.34228	0.32532	7.82E-04	1.44E-03	8.00E-04	7.50E-06	1.85E-05	9.57E-07	2.37E-06	3.61E-06	8.91E-06	8.08E-04	1.44E-03	8.13E-04	3.06E-03	2.8E-07	8.4E-07	4.9E-07	8.7E-07	4.9E-07	4.5E-07	2.0E-07	9.3E-09	2.3E-07	6.2E-08	5.9E-08	2.1E-08	1.8E-08	0.0E+00	4.0E-07
169	UCART1	593367.59	4122959.92	593367.59, 4122959.92	0.12463	0.20271	0.2166	0.34216	0.36999	8.39E-04	1.50E-03	8.71E-04	7.50E-06	2.11E-05	9.56E-07	2.69E-06	3.60E-06	1.01E-05	8.68E-04	1.50E-03	8.84E-04	3.26E-03	3.0E-07	9.1E-07	5.3E-07	9.1E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.4E-07	6.7E-08	6.2E-08	2.3E-08	1.9E-08	0.0E+00	4.2E-07
170	UCART1	593407.59	4122959.92	593407.59, 4122959.92	0.13591	0.21388	0.23891	0.33803	0.41874	9.15E-04	1.58E-03	9.60E-04	7.41E-06	2.39E-05	9.45E-07	3.04E-06	3.56E-06	1.15E-05	9.47E-04	1.59E-03	9.75E-04	3.51E-03	3.3E-07	9.9E-07	5.7E-07	9.6E-07	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.6E-07	7.3E-08	6.5E-08	2.5E-08	2.1E-08	0.0E+00	4.6E-07
171	UCART1	593447.59	4122959.92	593447.59, 4122959.92	0.14673	0.22803	0.26001	0.32988	0.4637	9.88E-04	1.69E-03	1.05E-03	7.23E-06	2.64E-05	9.22E-07	3.37E-06	3.48E-06	1.27E-05	1.02E-03	1.69E-03	1.06E-03	3.77E-03	3.5E-07	1.1E-06	6.2E-07	1.0E-06	6.4E-07	5.8E-07	2.7E-07	1.2E-08	2.9E-07	7.9E-08	6.9E-08	2.7E-08	2.3E-08	0.0E+00	5.0E-07
172	UCART1	593487.59	4122959.92	593487.59, 4122959.92	0.15938	0.25043	0.28754	0.31888	0.50442	1.07E-03	1.85E-03	1.16E-03	6.99E-06	2.88E-05	8.91E-07	3.67E-06	3.36E-06	1.38E-05	1.11E-03	1.86E-03	1.17E-03	4.14E-03	3.8E-07	1.2E-06	6.7E-07	1.1E-06	7.1E-07	6.4E-07	2.9E-07	1.3E-08	3.1E-07	8.5E-08	7.6E-08	3.0E-08	2.6E-08	0.0E+00	5.4E-07
173	UCART1	593527.59	4122959.92	593527.59, 4122959.92	0.17131	0.28229	0.31909	0.3053	0.5357	1.15E-03	2.09E-03	1.28E-03	6.69E-06	3.05E-05	8.53E-07	3.89E-06	3.22E-06	1.47E-05	1.19E-03	2.09E-03	1.30E-03	4.59E-03	4.1E-07	1.2E-06	7.2E-07	1.3E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-08	3.3E-07	9.2E-08	8.6E-08	3.3E-08	2.8E-08	0.0E+00	5.9E-07
174	UCART1	593567.59	4122959.92	593567.59, 4122959.92	0.18638	0.32646	0.36446	0.29054	0.56051	1.26E-03	2.42E-03	1.47E-03	6.37E-06	3.19E-05	8.12E-07	4.08E-06	3.06E-06	1.54E-05	1.29E-03	2.42E-03	1.48E-03	5.20E-03	4.5E-07	1.4E-06	7.8E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.5E-08	3.6E-07	1.0E-07	9.9E-08	3.8E-08	3.2E-08	0.0E+00	6.5E-07
175	UCART1	593607.59	4122959.92	593607.59, 4122959.92	0.20152	0.37571	0.41716	0.27418	0.57443	1.36E-03	2.78E-03	1.68E-03	6.01E-06	3.27E-05	7.66E-07	4.18E-06	2.89E-06	1.57E-05	1.40E-03	2.79E-03	1.70E-03	5.88E-03	4.8E-07	1.5E-06	8.4E-07	1.7E-06	1.0E-06	9.3E-07	4.2E-07	1.6E-08	3.9E-07	1.1E-07	1.1E-07	4.4E-08	3.7E-08	0.0E+00	7.1E-07
176	UCART1	593647.59	4122959.92	593647.59, 4122959.92	0.22039	0.42465	0.47996	0.25737	0.58137	1.48E-03	3.14E-03	1.93E-03	5.64E-06	3.31E-05	7.19E-07	4.23E-06	2.71E-06	1.59E-05	1.52E-03	3.15E-03	1.95E-03	6.62E-03	5.3E-07	1.6E-06	9.2E-07	1.9E-06	1.2E-06	1.1E-06	4.9E-07	1.8E-08	4.3E-07	1.2E-07	1.3E-07	5.0E-08	4.2E-08	0.0E+00	7.8E-07
177	UCART1	593687.59	4122959.92	593687.59, 4122959.92	0.24393	0.46731	0.54669	0.24052	0.58251	1.64E-03	3.46E-03	2.20E-03	5.27E-06	3.32E-05	6.72E-07	4.24E-06	2.53E-06	1.60E-05	1.68E-03	3.46E-03	2.22E-03	7.36E-03	5.8E-07	1.8E-06	1.0E-06	2.1E-06	1.3E-06	1.2E-06	5.5E-07	1.9E-08	4.7E-07	1.3E-07	1.4E-07	5.7E-08	4.8E-08	0.0E+00	8.7E-07
178	UCART1	593727.59	4122959.92	593727.59, 4122959.92	0.2724	0.49953	0.60704	0.2239	0.5778	1.83E-03	3.70E-03	2.44E-03	4.91E-06	3.29E-05	6.26E-07	4.20E-06	2.36E-06	1.58E-05	1.87E-03	3.70E-03	2.46E-03	8.03E-03	6.5E-07	2.0E-06	1.1E-06	2.2E-06	1.5E-06	1.3E-06	6.2E-07	2.2E-08	5.2E-07	1.4E-07	1.5E-07	6.3E-08	5.4E-08	0.0E+00	9.6E-07
179	UCART1	593767.59	4122959.92	593767.59, 4122959.92	0.30488	0.51867	0.65206	0.20774	0.56744	2.05E-03	3.84E-03	2.62E-03	4.55E-06	3.23E-05	5.81E-07	4.13E-06	2.19E-06	1.55E-05	2.09E-03	3.84E-03	2.64E-03	8.57E-03	7.2E-07	2.2E-06	1.3E-06	2.3E-06	1.6E-06	1.4E-06	6.6E-07	2.4E-08	5.8E-07	1.6E-07	1.6E-07	6.8E-08	5.7E-08	0.0E+00	1.1E-06
180	UCART1	593807.59	4122959.92	593807.59, 4122959.92	0.33855	0.5239	0.67563	0.19217	0.55114	2.28E-03	3.88E-03	2.72E-03	4.21E-06	3.14E-05	5.37E-07	4.01E-06	2.02E-06	1.51E-05	2.32E-03	3.88E-03	2.73E-03	8.93E-03	8.0E-07	2.4E-06	1.4E-06	2.3E-06	1.7E-06	1.5E-06	6.8E-07	2.7E-08	6.5E-07	1.8E-07	1.6E-07	7.0E-08	6.0E-08	0.0E+00	1.1E-06
181	UCART1	593847.59	4122959.92	593847.59, 4122959.92	0.37157	0.51656	0.67812	0.17756	0.53	2.50E-03	3.82E-03	2.73E-03	3.89E-06	3.02E-05	4.96E-07	3.85E-06	1.87E-06	1.45E-05	2.54E-03	3.83E-03	2.74E-03	9.11E-03	8.8E-07	2.7E-06	1.5E-06	2.3E-06	1.7E-06	1.5E-06	6.9E-07	2.9E-08	7.1E-07	2.0E-07	1.6E-07	7.0E-08	6.0E-08	0.0E+00	1.2E-06
182	UCART1	593887.59	4122959.92	593887.59, 4122959.92	0.39992	0.49827	0.66075	0.1637	0.50381	2.69E-03	3.69E-03	2.66E-03	3.59E-06	2.87E-05	4.58E-07	3.66E-06	1.72E-06	1.38E-05	2.73E-03	3.69E-03	2.67E-03	9.09E-03	9.4E-07	2.8E-06	1.6E-06	2.2E-06	1.6E-06	1.5E-06	6.7E-07	3.2E-08	7.6E-07	2.1E-07	1.5E-07	6.9E-08	5.8E-08	0.0E+00	1.3E-06
183	UCART1	593927.59	4122959.92	593927.59, 4122959.92	0.42125	0.47157	0.6279	0.15078	0.47363	2.84E-03	3.49E-03	2.52E-03	3.30E-06	2.70E-05	4.21E-07	3.44E-06	1.59E-06	1.30E-05	2.87E-03	3.49E-03	2.54E-03	8.90E-03	9.9E-07	3.0E-06	1.7E-06	2.1E-06	1.5E-06	1.4E-06	6.4E-07	3.3E-08	8.0E-07	2.2E-07	1.4E-07	6.5E-08	5.5E-08	0.0E+00	1.3E-06
184	UCART1	593967.59	4122959.92	593967.59, 4122959.92	0.43464	0.43935	0.58506	0.13884	0.44111	2.93E-03	3.25E-03	2.35E-03	3.04E-06	2.51E-05	3.88E-07	3.21E-06	1.46E-06	1.21E-05	2.96E-03	3.25E-03	2.37E-03	8.58E-03	1.0E-06	3.1E-06	1.8E-06	2.0E-06	1.4E-06	1.3E-06	5.9E-07	3.4E-08	8.3E-07	2.3E-07	1.3E-07	6.1E-08	5.2E-08	0.0E+00	1.3E-06
185	UCART1	594007.59	4122959.92	594007.59, 4122959.92	0.43865	0.40372	0.53588	0.12783	0.40671	2.95E-03	2.99E-03	2.15E-03	2.80E-06	2.32E-05	3.57E-07	2.96E-06	1.35E-06	1.11E-05	2.98E-03	2.99E-03	2.17E-03	8.14E-03	1.0E-06	3.1E-06	1.8E-06	1.8E-06	1.3E-06	1.2E-06	5.4E-07	3.4E-08	8.3E-07	2.3E-07	1.2E-07	5.6E-08	4.7E-08	0.0E+00	1.3E-06
186	UCART1	592567.59	4122999.92	592567.59, 4122999.92	0.03263	0.04515	0.04057	0.09874	0.05625	2.20E-04	3.34E-04	1.63E-04	2.16E-06	3.21E-06	2.76E-07	4.09E-07	1.04E-06	1.54E-06	2.25E-04	3.35E-04	1.66E-04	7.26E-04	7.8E-08	2.4E-07	1.4E-07	2.0E-07	1.0E-07	9.1E-08	4.1E-08	2.6E-09	6.3E-08	1.7E-08	1.4E-08	4.3E-09	3.6E-09	0.0E+00	1.0E-07
187	UCART1	592607.59	4122999.92	592607.59, 4122999.92	0.03358	0.0466	0.04228	0.1034	0.05673	2.26E-04	3.45E-04	1.70E-04	2.27E-06	3.23E-06	2.89E-07	4.12E-07	1.09E-06	1.55E-06	2.32E-04	3.46E-04	1.73E-04	7.50E-04	8.0E-08	2.4E-07	1.4E-07	2.1E-07	1.0E-07	9.5E-08	4.3E-08	2.7E-09	6.5E-08	1.8E-08	1.4E-08	4.4E-09	3.8E-09	0.0E+00	1.1E-07
188	UCART1	592647.59	4122999.92	592647.59, 4122999.92	0.03514	0.04973	0.04467	0.11339	0.06113	2.37E-04	3.68E-04	1.80E-04	2.48E-06	3.48E-06	3.17E-07	4.44E-07	1.19E-06	1.68E-06	2.43E-04	3.69E-04	1.82E-04	7.94E-04	8.4E-08	2.5E-07	1.5E-07	2.2E-07	1.1E-07	1.0E-07	4.6E-08	2.8E-09	6.8E-08	1.9E-08	1.5E-08	4.7E-09	4.0E-09	0.0E+00	1.1E-07
189	UCART1	592687.59	4122999.92	592687.59, 4122999.92	0.03691	0.05341	0.0474	0.12478	0.06647	2.49E-04	3.95E-04	1.91E-04	2.73E-06	3.79E-06	3.49E-07	4.83E-07	1.31E-06	1.82E-06	2.55E-04	3.96E-04	1.94E-04	8.45E-04	8.8E-08	2.7E-07	1.5E-07	2.4E-07	1.2E-07	1.1E-07	4.8E-08	2.9E-09	7.1E-08	2.0E-08	1.6E-08	5.0E-09	4.2E-09	0.0E+00	1.2E-07
190	UCART1	592727.59	4122999.92	592727.59, 4122999.92	0.03895	0.05781	0.05056	0.13688	0.07331	2.62E-04	4.28E-04	2.03E-04	3.00E-06	4.18E-06	3.83E-07	5.33E-07	1.44E-06	2.01E-06	2.70E-04	4.29E-04	2.07E-04	9.05E-04	9.3E-08	2.8E-07	1.6E-07	2.6E-07	1.3E-07	1.1E-07	5.2E-08	3.1E-09	7.5E-08	2.1E-08	1.8E-08	5.3E-09	4.5E-09	0.0E+00	1.3E-07
191	UCART1	592767.59	4122999.92	592767.59, 4122999.92	0.04114	0.06268	0.05407	0.1485	0.08164	2.77E-04	4.64E-04	2.17E-04	3.25E-06	4.65E-06	4.15E-07	5.94E-07	1.56E-06	2.24E-06	2.85E-04	4.65E-04	2.21E-04	9.71E-04	9.9E-08	3.0E-07	1.7E-07	2.8E-07	1.3E-07	1.2E-07	5.5E-08	3.3E-09	8.0E-08	2.2E-08	1.9E-08	5.7E-09	4.8E-09	0.0E+00	1.3E-07
192	UCART1	592807.59	4122999.92	592807.59, 4122999.92	0.04351	0.06803	0.05796	0.15948	0.09124	2.93E-04	5.03E-04	2.33E-04	3.49E-06	5.20E-06	4.46E-07	6.63E-07	1.68E-06	2.50E-06	3.02E-04	5.05E-04	2.37E-04	1.04E-03	1.0E-07	3.2E-07	1.8E-07	3.1E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-09	8.4E-08	2.3E-08	2.1E-08	6.1E-09	5.2E-09	0.0E+00	1.4E-07
193	UCART1	592847.59	4122999.92	592847.59, 4122999.92	0.04628	0.0747	0.06257	0.17175	0.10127	3.12E-04	5.53E-04	2.52E-04	3.76E-06	5.77E-06	4.80E-07	7.36E-07	1.81E-06	2.78E-06	3.21E-04	5.54E-04	2.56E-04	1.13E-03	1.1E-07	3.4E-07	1.9E-07	3.4E-07	1.5E-07	1.4E-07	6.4E-08	3.7E-09	9.0E-08	2.5E-08	2.3E-08	6.6E-09	5.6E-09	0.0E+00	1.5E-07
194	UCART1	592887.59	4122999.92	592887.59, 4122999.92	0.04933	0.08227	0.06777	0.1851	0.11213	3.32E-04	6.09E-04	2.72E-04	4.06E-06	6.39E-06	5.17E-07	8.15E-07	1.95E-06	3.07E-06	3.43E-04	6.10E-04	2.77E-04	1.23E-03	1.2E-07	3.6E-07	2.1E-07	3.7E-07	1.7E-07	1.5E-07	6.9E-08	4.0E-09	9.6E-08	2.6E-08	2.5E-08	7.1E-09	6.0E-09	0.0E+00	1.6E-07
195	UCART1	592927.59	4122999.92	592927.59, 4122999.92	0.05286	0.09134	0.07386	0.20218	0.12496	3.56E-04	6.76E-04	2.97E-04	4.43E-06	7.12E-06	5.65E-07	9.08E-07	2.13E-06	3.42E-06	3.68E-04	6.77E-04	3.02E-04	1.35E-03	1.3E-07	3.8E-07	2.2E-07	4.1E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	1.0E-07	2.8E-08	2.8E-08	7.8E-09	6.6E-09	0.0E+00	1.8E-07
196	UCART1	592967.59	4122999.92	592967.59, 4122999.92	0.05681	0.10151	0.08087	0.2245	0.13949	3.83E-04	7.51E-04	3.25E-04	4.92E-06	7.95E-06	6.28E-07	1.01E-06	2.37E-06	3.82E-06	3.95E-04	7.53E-04	3.31E-04	1.48E-03	1.4E-07	4.1E-07	2.4E-07	4.6E-07	2.0E-07	1.8E-07	8.3E-08	4.6E-09	1.1E-07	3.0E-08	3.1E-08	8.5E-09	7.2E-09	0.0E+00	1.9E-07
197	UCART1	593007.59	4122999.92	593007.59, 4122999.92	0.06174	0.11287	0.08938	0.25278	0.15602	4.16E-04	8.35E-04	3.59E-04	5.54E-06	8.89E-06	7.07E-07	1.13E-06	2.66E-06	4.28E-06	4.30E-04	8.37E-04	3.66E-04	1.63E-03	1.5E-07	4.5E-07	2.6E-07	5.1E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	1.2E-07	3.3E-08	3.4E-08	9.4E-09	8.0E-09	0.0E+00	2.1E-07
198	UCART1	593047.59	4122999.92	593047.59, 4122999.92	0.06694	0.12529	0.09949	0.28502	0.17443	4.51E-04	9.27E-04	4.00E-04	6.25E-06	9.94E-06	7.97E-07	1.27E-06	3.00E-06	4.78E-06	4.67E-04	9.29E-04	4.08E-04	1.80E-03	1.6E-07	4.9E-07	2.8E-07	5.6E-07	2.5E-07	2.2E-07	1.0E-07	5.4E-09	1.3E-07	3.6E-08	3.8E-08	1.0E-08	8.9E-09	0.0E+00	2.3E-07
199	UCART1	593087.59	4122999.92	593087.59, 4122999.92	0.07172	0.13822	0.10874	0.31657	0.19393	4.83E-04	1.02E-03	4.37E-04	6.94E-06	1.11E-05	8.85E-07	1.41E-06	3.34E-06	5.31E-06	5.01E-04	1.03E-03	4.46E-04	1.97E-03	1.7E-07	5.2E-07	3.0E-07	6.2E-07	2.7E-07	2.4E-07	1.1E-07	5.8E-09	1.4E-07	3.9E-08	4.2E-08	1.1E-08	9.7E-09	0.0E+00	2.5E-07
200	UCART1	593127.59	4122999.92	593127.59, 4122999.92	0.08058	0.15396	0.12778	0.34985	0.22089	5.43E-04	1.14E-03	5.14E-04	7.67E-06	1.26E-05	9.78E-07	1.61E-06	3.69E-06	6.05E-06	5.63E-04	1.14E-03	5.23E-04	2.23E-03	1.9E-07	5.9E-07	3.4E-07	6.9E-07	3.2E-07	2.9E-07	1.3E-07	6.5E-09	1.6E-07	4.3E-08	4.7E-08	1.3E-08	1.1E-08	0.0E+00	2.8E-07
201	UCART1	593167.59	4122999.92	593167.59, 4122999.92	0.09082	0.1708	0.14795	0.37663	0.25093	6.12E-04	1.26E-03	5.95E-04	8.25E-06	1.43E-05	1.05E-06	1.82E-06	3.97E-06	6.88E-06	6.34E-04	1.27E-03	6.06E-04	2.51E-03	2.2E-07	6.6E-07	3.8E-07	7.7E-07	3.7E-07	3.3E-07	1.5E-07	7.3E-09	1.8E-07	4.9E-08	5.2E-08	1.6E-08	1.3E-08	0.0E+00	3.1E-07
202	UCART1	593207.59	4122999.92	593207.59, 4122999.92	0.09989	0.1886	0.16718	0.39534	0.28472	6.73E-04	1.40E-03	6.72E-04	8.66E-06	1.62E-05	1.11E-06	2.07E-06	4.17E-06	7.80E-06	6.98E-04	1.40E-03	6.84E-04	2.78E-03	2.4E-07	7.3E-07	4.2E-07	8.5E-07	4.1E-07	3.8E-07	1.7E-07	8.1E-09	1.9E-07	5.4E-08	5.7E-08	1.8E-08	1.5E-08	0.0E+00	3.5E-07
203	UCART1	593247.59	4122999.92	593247.59, 4122999.92	0.11188	0.20941	0.1939	0.40728	0.33074	7.54E-04	1.55E-03	7.79E-04	8.93E-06	1.89E-05	1.14E-06	2.40E-06	4.29E-06	9.06E-06	7.81E-04	1.55E-03	7.93E-04	3.13E-03	2.7E-07	8.2E-07	4.7E-07	9.4E-07	4.8E-07	4.3E-07	2.0E-07	9.0E-09	2.2E-07	6.0E-08	6.4E-08	2.0E-08	1.7E-08	0.0E+00	3.9E-07
204	UCART1	593287.59	4122999.92	593287.59, 4122999.92	0.12235	0.22786	0.21815	0.41126	0.38454	8.24E-04	1.69E-03	8.77E-04	9.01E-06	2.19E-05	1.15E-06	2.80E-06	4.33E-06	1.05E-05	8.55E-04	1.69E-03	8.92E-04	3.44E-03	3.0E-07	8.9E-07	5.2E-07	1.0E-06	5.4E-07	4.9E-07	2.2E-07	9.9E-09	2.4E-07	6.6E-08	6.9E-08	2.3E-08	1.9E-08	0.0E+00	4.3E-07
205	UCART1	593327.59	4122999.92	593327.59, 4122999.92	0.13642	0.24495	0.24923	0.40926	0.45175	9.19E-04	1.81E-03	1.00E-03	8.97E-06	2.57E-05	1.14E-06	3.28E-06	4.31E-06	1.24E-05	9.53E-04	1.82E-03	1.02E-03	3.79E-03	3.3E-07	1.0E-06	5.8E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.1E-08	2.7E-07	7.3E-08	7.5E-08	2.6E-08	2.2E-08	0.0E+00	4.7E-07
206	UCART1	593367.59	4122999.92	593367.59, 4122999.92	0.14835	0.25776	0.27475	0.40081	0.5184	9.99E-04	1.91E-03	1.10E-03	8.78E-06	2.95E-05	1.12E-06	3.77E-06	4.22E-06	1.42E-05	1.04E-03	1.91E-03	1.12E-03	4.07E-03	3.6E-07	1.1E-06	6.3E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-08	2.9E-07	8.0E-08	7.9E-08	2.9E-08	2.4E-08	0.0E+00	5.1E-07
207	UCART1	593407.59	4122999.92	593407.59, 4122999.92	0.16408	0.2759	0.30853	0.38824	0.58544	1.11E-03	2.04E-03	1.24E-03	8.51E-06	3.34E-05	1.09E-06	4.26E-06	4.09E-06	1.60E-05	1.15E-03	2.05E-03	1.26E-03	4.45E-03	4.0E-07	1.2E-06	6.9E-07	1.2E-06	7.6E-07	6.9E-07	3.2E-07	1.3E-08	3.2E-07	8.8E-08	8.4E-08	3.2E-08	2.7E-08	0.0E+00	5.7E-07
208	UCART1	593447.59	4122999.92	593447.59, 4122999.92	0.1781	0.29994	0.33985	0.37168	0.64018	1.20E-03	2.22E-03	1.37E-03	8.15E-06	3.65E-05	1.04E-06	4.65E-06	3.92E-06	1.75E-05	1.24E-03	2.23E-03	1.39E-03	4.86E-03	4.3E-07	1.3E-06	7.5E-07	1.3E-06	8.4E-07	7.6E-07	3.5E-07	1.4E-08	3.5E-07	9.6E-08	9.1E-08	3.6E-08	3.0E-08	0.0E+00	6.1E-07
209	UCART1	593487.59	4122999.92	593487.59, 4122999.92	0.19513	0.3406	0.38386	0.353	0.68513	1.31E-03	2.52E-03	1.54E-03	7.74E-06	3.91E-05	9.87E-07	4.98E-06	3.72E-06	1.88E-05	1.36E-03	2.53E-03	1.57E-03	5.45E-03	4.7E-07	1.4E-06	8.2E-07	1.5E-06	9.5E-07	8.6E-07	3.9E-07	1.6E-08	3.8E-07	1.0E-07	1.0E-07	4.0E-08	3.4E-08	0.0E+00	6.8E-07
210	UCART1	593527.59	4122999.92	593527.59, 4122999.92	0.21237	0.39679	0.43649	0.33254	0.71446	1.43E-03	2.94E-03	1.75E-03	7.29E-06	4.07E-05	9.30E-07	5.19E-06	3.50E-06	1.96E-05	1.48E-03	2.94E-03	1.78E-03	6.20E-03	5.1E-07	1.5E-06	8.9E-07	1.8E-06	1.1E-06	9.8E-07	4.4E-07	1.7E-08	4.1E-07	1.1E-07	1.2E-07	4.6E-08	3.9E-08	0.0E+00	7.5E-07
211	UCART1	593567.59	4122999.92	593567.59, 4122999.92	0.23432	0.46559	0.51124	0.31136	0.73438	1.58E-03	3.45E-03	2.06E-03	6.82E-06	4.19E-05	8.70E-07	5.34E-06	3.28E-06	2.01E-05	1.63E-03	3.45E-03	2.08E-03	7.16E-03	5.6E-07	1.7E-06	9.8E-07	2.1E-06	1.3E-06	1.1E-06	5.2E-07	1.9E-08	4.5E-07	1.3E-07	1.4E-07	5.3E-08	4.5E-08	0.0E+00	8.4E-07
212	UCART1	593607.59	4122999.92	593607.59, 4122999.92	0.25777	0.53385	0.59707	0.28962	0.74037	1.74E-03	3.95E-03	2.40E-03	6.35E-06	4.22E-05	8.10E-07	5.38E-06	3.05E-06	2.03E-05	1.78E-03	3.96E-03	2.42E-03	8.16E-03	6.2E-07	1.9E-06	1.1E-06	2.4E-06	1.5E-06	1.3E-06	6.1E-07	2.1E-08	5.0E-07	1.4E-07	1.6E-07	6.2E-08	5.3E-08	0.0E+00	9.3E-07
213	UCART1	593647.59	4122999.92	593647.59, 4122999.92	0.28643	0.592	0.68993	0.26819	0.73731	1.93E-03	4.38E-03	2.77E-03	5.88E-06	4.20E-05	7.50E-07	5.36E-06	2.83E-06	2.02E-05	1.98E-03	4.39E-03	2.80E-03	9.16E-03	6.8E-07	2.1E-06	1.2E-06	2.7E-06	1.7E-06	1.5E-06	7.0E-07	2.3E-08	5.5E-07	1.5E-07	1.8E-07	7.2E-08	6.1E-08	0.0E+00	1.0E-06
214	UCART1	593687.59	4122999.92	593687.59, 4122999.92	0.32192	0.633	0.77625	0.24744	0.72711	2.17E-03	4.68E-03	3.12E-03	5.42E-06	4.14E-05	6.92E-07	5.29E-06	2.61E-06	1.99E-05	2.21E-03	4.69E-03	3.14E-03	1.00E-02	7.7E-07	2.3E-06	1.3E-06	2.8E-06	1.9E-06	1.7E-06	7.9E-07	2.6E-08	6.2E-07	1.7E-07	1.9E-07	8.1E-08	6.8E-08	0.0E+00	1.2E-06
215	UCART1	593727.59	4122999.92	593727.59, 4122999.92	0.36444	0.65336	0.84147	0.22766	0.71083	2.45E-03	4.83E-03	3.38E-03	4.99E-06	4.05E-05	6.36E-07	5.17E-06	2.40E-06	1.95E-05	2.50E-03	4.84E-03	3.40E-03	1.07E-02	8.7E-07	2.6E-06	1.5E-06	2.9E-06	2.1E-06	1.9E-06	8.5E-07	2.9E-08	7.0E-07	1.9E-07	2.0E-07	8.7E-08	7.4E-08	0.0E+00	1.3E-06
216	UCART1	593767.59	4122999.92	593767.59, 4122999.92	0.41014	0.65266	0.87399	0.20906	0.68755	2.76E-03	4.83E-03	3.51E-03	4.58E-06	3.92E-05	5.84E-07	5.00E-06	2.20E-06	1.88E-05	2.81E-03	4.84E-03	3.53E-03	1.12E-02	9.7E-07	2.9E-06	1.7E-06	2.9E-06	2.1E-06	1.9E-06	8.8E-07	3.2E-08	7.8E-07	2.2E-07	2.0E-07	9.1E-08	7.7E-08	0.0E+00	1.4E-06
217	UCART1	593807.59	4122999.92	593807.59, 4122999.92	0.45471	0.63357	0.87165	0.19152	0.65688	3.06E-03	4.69E-03	3.50E-03	4.20E-06	3.74E-05	5.35E-07	4.78E-06	2.02E-06	1.80E-05	3.10E-03	4.69E-03	3.52E-03	1.13E-02	1.1E-06	3.2E-06	1.9E-06	2.8E-06	2.1E-06	1.9E-06	8.8E-07	3.6E-08	8.7E-07	2.4E-07	1.9E-07	9.0E-08	7.7E-08	0.0E+00	1.5E-06
218	UCART1	593847.59	4122999.92	593847.59, 4122999.92	0.49332	0.60049	0.83949	0.17526	0.61961	3.32E-03	4.44E-03	3.37E-03	3.84E-06	3.53E-05	4.90E-07	4.50E-06	1.85E-06	1.70E-05	3.36E-03	4.45E-03	3.39E-03	1.12E-02	1.2E-06	3.5E-06	2.0E-06	2.7E-06	2.1E-06	1.9E-06	8.5E-07	3.9E-08	9.4E-07	2.6E-07	1.8E-07	8.7E-08	7.4E-08	0.0E+00	1.6E-06
219	UCART1	593887.59	4122999.92	593887.59, 4122999.92	0.52109	0.55761	0.78477	0.16026	0.57646	3.51E-03	4.13E-03	3.15E-03	3.51E-06	3.29E-05	4.48E-07	4.19E-06	1.69E-06	1.58E-05	3.55E-03	4.13E-03	3.17E-03	1.08E-02	1.2E-06	3.7E-06	2.1E-06	2.5E-06	1.9E-06	1.7E-06	7.9E-07	4.1E-08	9.9E-07	2.7E-07	1.7E-07	8.1E-08	6.9E-08	0.0E+00	1.6E-06
220	UCART1	593927.59	4122999.92	593927.59, 4122999.92	0.53611	0.50944	0.71678	0.14653	0.52989	3.61E-03	3.77E-03	2.88E-03	3.21E-06	3.02E-05	4.10E-07	3.85E-06	1.54E-06	1.45E-05	3.64E-03	3.77E-03	2.90E-03	1.03E-02	1.3E-06	3.8E-06	2.2E-06	2.3E-06	1.8E-06	1.6E-06	7.3E-07	4.2E-08	1.0E-06	2.8E-07	1.6E-07	7.4E-08	6.3E-08	0.0E+00	1.6E-06
221	UCART1	593967.59	4122999.92	593967.59, 4122999.92	0.53901	0.4598	0.64386	0.13409	0.48277	3.63E-03	3.40E-03	2.59E-03	2.94E-06	2.75E-05	3.75E-07	3.51E-06	1.41E-06	1.32E-05	3.66E-03	3.41E-03	2.60E-03	9.67E-03	1.3E-06	3.8E-06	2.2E-06	2.1E-06	1.6E-06	1.4E-06	6.5E-07	4.2E-08	1.0E-06	2.8E-07	1.4E-07	6.7E-08	5.7E-08	0.0E+00	1.6E-06
222	UCART1	594007.59	4122999.92	594007.59, 4122999.92	0.52933	0.41063	0.57042	0.12278	0.43554	3.56E-03	3.04E-03	2.29E-03	2.69E-06	2.48E-05	3.43E-07	3.17E-06	1.29E-06	1.19E-05	3.59E-03	3.04E-03	2.31E-03	8.94E-03	1.2E-06	3.8E-06	2.2E-06	1.8E-06	1.4E-06	1.3E-06	5.8E-07	4.2E-08	1.0E-06	2.8E-07	1.2E-07	5.9E-08	5.0E-08	0.0E+00	1.6E-06
223	UCART1	592567.59	4123039.92	592567.59, 4123039.92	0.03476	0.04884	0.04335	0.11409	0.06097	2.34E-04	3.61E-04	1.74E-04	2.50E-06	3.48E-06	3.19E-07	4.43E-07	1.20E-06	1.67E-06	2.40E-04	3.62E-04	1.77E-04	7.79E-04	8.3E-08	2.5E-07	1.5E-07	2.2E-07	1.1E-07	9.7E-08	4.4E-08	2.8E-09	6.7E-08	1.8E-08	1.5E-08	4.5E-09	3.9E-09	0.0E+00	1.1E-07
224	UCART1	592607.59	4123039.92	592607.59, 4123039.92	0.03584	0.05029	0.04534	0.12288	0.06277	2.41E-04	3.72E-04	1.82E-04	2.69E-06	3.58E-06	3.43E-07	4.56E-07	1.29E-06	1.72E-06	2.48E-04	3.73E-04	1.85E-04	8.06E-04	8.6E-08	2.6E-07	1.5E-07	2.3E-07	1.1E-07	1.0E-07	4.6E-08	2.9E-09	6.9E-08	1.9E-08	1.5E-08	4.8E-09	4.0E-09	0.0E+00	1.2E-07
225	UCART1	592647.59	4123039.92	592647.59, 4123039.92	0.03747	0.05352	0.04799	0.13399	0.06724	2.52E-04	3.96E-04	1.93E-04	2.94E-06	3.83E-06	3.75E-07	4.89E-07	1.41E-06	1.84E-06	2.59E-04	3.97E-04	1.96E-04	8.52E-04	9.0E-08	2.7E-07	1.6E-07	2.4E-07	1.2E-07	1.1E-07	4.9E-08	3.0E-09	7.2E-08	2.0E-08	1.6E-08	5.0E-09	4.3E-09	0.0E+00	1.2E-07
226	UCART1	592687.59	4123039.92	592687.59, 4123039.92	0.03946	0.05767	0.05114	0.14929	0.07357	2.66E-04	4.27E-04	2.06E-04	3.27E-06	4.19E-06	4.17E-07	5.35E-07	1.57E-06	2.02E-06	2.73E-04	4.28E-04	2.09E-04	9.10E-04	9.5E-08	2.9E-07	1.7E-07	2.6E-07	1.3E-07	1.1E-07	5.2E-08	3.2E-09	7.6E-08	2.1E-08	1.8E-08	5.4E-09	4.6E-09	0.0E+00	1.3E-07
227	UCART1	592727.59	4123039.92	592727.59, 4123039.92	0.04173	0.06264	0.05475	0.16577	0.08167	2.81E-04	4.64E-04	2.20E-04	3.63E-06	4.66E-06	4.63E-07	5.94E-07	1.75E-06	2.24E-06	2.89E-04	4.65E-04	2.24E-04	9.78E-04	1.0E-07	3.0E-07	1.8E-07	2.8E-07	1.4E-07	1.2E-07	5.6E-08	3.3E-09	8.1E-08	2.2E-08	1.9E-08	5.8E-09	4.9E-09	0.0E+00	1.4E-07
228	UCART1	592767.59	4123039.92	592767.59, 4123039.92	0.04431	0.06859	0.05891	0.18194	0.09344	2.98E-04	5.08E-04	2.37E-04	3.99E-06	5.33E-06	5.09E-07	6.79E-07	1.92E-06	2.56E-06	3.08E-04	5.09E-04	2.41E-04	1.06E-03	1.1E-07	3.2E-07	1.9E-07	3.1E-07	1.5E-07	1.3E-07	6.0E-08	3.6E-09	8.6E-08	2.4E-08	2.1E-08	6.2E-09	5.3E-09	0.0E+00	1.5E-07
229	UCART1	592807.59	4123039.92	592807.59, 4123039.92	0.04712	0.0752	0.06357	0.19841	0.10386	3.17E-04	5.56E-04	2.56E-04	4.35E-06	5.92E-06	5.55E-07	7.55E-07	2.09E-06	2.85E-06	3.28E-04	5.58E-04	2.60E-04	1.15E-03	1.1E-07	3.4E-07	2.0E-07	3.4E-07	1.6E-07	1.4E-07	6.5E-08	3.8E-09	9.1E-08	2.5E-08	2.3E-08	6.7E-09	5.7E-09	0.0E+00	1.6E-07
230	UCART1	592847.59	4123039.92	592847.59, 4123039.92	0.05023	0.08281	0.06889	0.21542	0.11581	3.38E-04	6.13E-04	2.77E-04	4.72E-06	6.60E-06	6.02E-07	8.42E-07	2.27E-06	3.17E-06	3.50E-04	6.14E-04	2.82E-04	1.25E-03	1.2E-07	3.7E-07	2.1E-07	3.7E-07	1.7E-07	1.5E-07	7.1E-08	4.0E-09	9.8E-08	2.7E-08	2.5E-08	7.2E-09	6.2E-09	0.0E+00	1.7E-07
231	UCART1	592887.59	4123039.92	592887.59, 4123039.92	0.05371	0.09166	0.07499	0.23583	0.12983	3.62E-04	6.78E-04	3.01E-04	5.17E-06	7.40E-06	6.59E-07	9.44E-07	2.48E-06	3.56E-06	3.74E-04	6.80E-04	3.07E-04	1.36E-03	1.3E-07	3.9E-07	2.3E-07	4.1E-07	1.9E-07	1.7E-07	7.7E-08	4.3E-09	1.0E-07	2.9E-08	2.8E-08	7.9E-09	6.7E-09	0.0E+00	1.8E-07
232	UCART1	592927.59	4123039.92	592927.59, 4123039.92	0.05777	0.10247	0.08225	0.26344	0.14648	3.89E-04	7.58E-04	3.31E-04	5.77E-06	8.35E-06	7.36E-07	1.06E-06	2.78E-06	4.01E-06	4.03E-04	7.60E-04	3.37E-04	1.50E-03	1.4E-07	4.2E-07	2.4E-07	4.6E-07	2.0E-07	1.9E-07	8.4E-08	4.7E-09	1.1E-07	3.1E-08	3.1E-08	8.7E-09	7.3E-09	0.0E+00	2.0E-07
233	UCART1	592967.59	4123039.92	592967.59, 4123039.92	0.06241	0.11476	0.09069	0.29971	0.16588	4.20E-04	8.49E-04	3.65E-04	6.57E-06	9.46E-06	8.38E-07	1.21E-06	3.16E-06	4.55E-06	4.36E-04	8.51E-04	3.72E-04	1.66E-03	1.5E-07	4.6E-07	2.6E-07	5.2E-07	2.3E-07	2.0E-07	9.3E-08	5.0E-09	1.2E-07	3.4E-08	3.5E-08	9.6E-09	8.1E-09	0.0E+00	2.1E-07
234	UCART1	593007.59	4123039.92	593007.59, 4123039.92	0.06824	0.12888	0.10147	0.34374	0.18887	4.60E-04	9.54E-04	4.08E-04	7.53E-06	1.08E-05	9.61E-07	1.37E-06	3.62E-06	5.18E-06	4.78E-04	9.56E-04	4.17E-04	1.85E-03	1.7E-07	5.0E-07	2.9E-07	5.8E-07	2.5E-07	2.3E-07	1.0E-07	5.5E-09	1.3E-07	3.7E-08	3.9E-08	1.1E-08	9.1E-09	0.0E+00	2.3E-07
235	UCART1	593047.59	4123039.92	593047.59, 4123039.92	0.0746	0.14499	0.11364	0.38931	0.21559	5.02E-04	1.07E-03	4.57E-04	8.53E-06	1.23E-05	1.09E-06	1.57E-06	4.10E-06	5.91E-06	5.23E-04	1.08E-03	4.67E-04	2.07E-03	1.8E-07	5.5E-07	3.2E-07	6.5E-07	2.8E-07	2.6E-07	1.2E-07	6.0E-09	1.5E-07	4.0E-08	4.4E-08	1.2E-08	1.0E-08	0.0E+00	2.6E-07
236	UCART1	593087.59	4123039.92	593087.59, 4123039.92	0.08031	0.16278	0.12592	0.42918	0.2443	5.41E-04	1.20E-03	5.06E-04	9.41E-06	1.39E-05	1.20E-06	1.78E-06	4.52E-06	6.69E-06	5.64E-04	1.21E-03	5.17E-04	2.29E-03	2.0E-07	5.9E-07	3.4E-07	7.3E-07	3.1E-07	2.8E-07	1.3E-07	6.5E-09	1.6E-07	4.3E-08	5.0E-08	1.3E-08	1.1E-08	0.0E+00	2.8E-07
237	UCART1	593127.59	4123039.92	593127.59, 4123039.92	0.0914	0.18522	0.14925	0.466	0.28483	6.16E-04	1.37E-03	6.00E-04	1.02E-05	1.62E-05	1.30E-06	2.07E-06	4.91E-06	7.81E-06	6.42E-04	1.37E-03	6.13E-04	2.63E-03	2.2E-07	6.7E-07	3.9E-07	8.3E-07	3.7E-07	3.4E-07	1.5E-07	7.4E-09	1.8E-07	4.9E-08	5.6E-08	1.6E-08	1.3E-08	0.0E+00	3.2E-07
238	UCART1	593167.59	4123039.92	593167.59, 4123039.92	0.10398	0.20928	0.17505	0.49011	0.33119	7.00E-04	1.55E-03	7.04E-04	1.07E-05	1.89E-05	1.37E-06	2.41E-06	5.16E-06	9.08E-06	7.30E-04	1.55E-03	7.18E-04	3.00E-03	2.5E-07	7.6E-07	4.4E-07	9.4E-07	4.3E-07	3.9E-07	1.8E-07	8.4E-09	2.0E-07	5.6E-08	6.4E-08	1.8E-08	1.6E-08	0.0E+00	3.7E-07
239	UCART1	593207.59	4123039.92	593207.59, 4123039.92	0.11587	0.2354	0.20304	0.50203	0.38823	7.80E-04	1.74E-03	8.16E-04	1.10E-05	2.21E-05	1.40E-06	2.82E-06	5.29E-06	1.06E-05	8.14E-04	1.75E-03	8.32E-04	3.39E-03	2.8E-07	8.5E-07	4.9E-07	1.1E-06	5.0E-07	4.6E-07	2.1E-07	9.4E-09	2.3E-07	6.3E-08	7.2E-08	2.1E-08	1.8E-08	0.0E+00	4.1E-07
240	UCART1	593247.59	4123039.92	593247.59, 4123039.92	0.12981	0.26506	0.23795	0.50379	0.46442	8.74E-04	1.96E-03	9.56E-04	1.10E-05	2.65E-05	1.41E-06	3.38E-06	5.31E-06	1.27E-05	9.12E-04	1.97E-03	9.75E-04	3.85E-03	3.2E-07	9.5E-07	5.5E-07	1.2E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.5E-07	7.0E-08	8.1E-08	2.5E-08	2.1E-08	0.0E+00	4.6E-07
241	UCART1	593287.59	4123039.92	593287.59, 4123039.92	0.14336	0.29261	0.27253	0.49608	0.55566	9.66E-04	2.17E-03	1.10E-03	1.09E-05	3.17E-05	1.39E-06	4.04E-06	5.23E-06	1.52E-05	1.01E-03	2.17E-03	1.12E-03	4.29E-03	3.5E-07	1.1E-06	6.1E-07	1.3E-06	6.8E-07	6.1E-07	2.8E-07	1.2E-08	2.8E-07	7.8E-08	8.9E-08	2.9E-08	2.4E-08	0.0E+00	5.1E-07
242	UCART1	593327.59	4123039.92	593327.59, 4123039.92	0.16214	0.31918	0.31824	0.48205	0.66171	1.09E-03	2.36E-03	1.28E-03	1.06E-05	3.77E-05	1.35E-06	4.81E-06	5.08E-06	1.81E-05	1.14E-03	2.37E-03	1.30E-03	4.81E-03	3.9E-07	1.2E-06	6.9E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.3E-08	3.2E-07	8.8E-08	9.7E-08	3.3E-08	2.8E-08	0.0E+00	5.8E-07
243	UCART1	593367.59	4123039.92	593367.59, 4123039.92	0.17851	0.3399	0.36004	0.46164	0.75785	1.20E-03	2.52E-03	1.45E-03	1.01E-05	4.32E-05	1.29E-06	5.51E-06	4.86E-06	2.08E-05	1.26E-03	2.52E-03	1.47E-03	5.25E-03	4.3E-07	1.3E-06	7.6E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.5E-08	3.5E-07	9.7E-08	1.0E-07	3.8E-08	3.2E-08	0.0E+00	6.4E-07
244	UCART1	593407.59	4123039.92	593407.59, 4123039.92	0.19956	0.37161	0.41186	0.43793	0.84224	1.34E-03	2.75E-03	1.66E-03	9.60E-06	4.80E-05	1.22E-06	6.12E-06	4.61E-06	2.31E-05	1.40E-03	2.76E-03	1.68E-03	5.84E-03	4.9E-07	1.5E-06	8.5E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.6E-08	3.9E-07	1.1E-07	1.1E-07	4.3E-08	3.7E-08	0.0E+00	7.1E-07
245	UCART1	593447.59	4123039.92	593447.59, 4123039.92	0.21992	0.41846	0.46356	0.41109	0.9012	1.48E-03	3.10E-03	1.86E-03	9.01E-06	5.14E-05	1.15E-06	6.55E-06	4.33E-06	2.47E-05	1.54E-03	3.10E-03	1.89E-03	6.54E-03	5.3E-07	1.6E-06	9.3E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	1.8E-08	4.3E-07	1.2E-07	1.3E-07	4.9E-08	4.1E-08	0.0E+00	7.8E-07
246	UCART1	593487.59	4123039.92	593487.59, 4123039.92	0.24514	0.49569	0.53776	0.38365	0.94303	1.65E-03	3.67E-03	2.16E-03	8.41E-06	5.38E-05	1.07E-06	6.86E-06	4.04E-06	2.58E-05	1.71E-03	3.68E-03	2.19E-03	7.58E-03	5.9E-07	1.8E-06	1.0E-06	2.2E-06	1.3E-06	1.2E-06	5.5E-07	2.0E-08	4.8E-07	1.3E-07	1.5E-07	5.6E-08	4.8E-08	0.0E+00	8.9E-07
247	UCART1	593527.59	4123039.92	593527.59, 4123039.92	0.27146	0.59253	0.63134	0.35514	0.96234	1.83E-03	4.38E-03	2.54E-03	7.78E-06	5.49E-05	9.93E-07	7.00E-06	3.74E-06	2.64E-05	1.89E-03	4.39E-03	2.57E-03	8.85E-03	6.5E-07	2.0E-06	1.1E-06	2.7E-06	1.6E-06	1.4E-06	6.4E-07	2.2E-08	5.3E-07	1.5E-07	1.8E-07	6.6E-08	5.6E-08	0.0E+00	1.0E-06
248	UCART1	593567.59	4123039.92	593567.59, 4123039.92	0.30453	0.69285	0.75835	0.32735	0.97037	2.05E-03	5.13E-03	3.05E-03	7.17E-06	5.53E-05	9.15E-07	7.05E-06	3.45E-06	2.66E-05	2.11E-03	5.14E-03	3.08E-03	1.03E-02	7.3E-07	2.2E-06	1.3E-06	3.1E-06	1.9E-06	1.7E-06	7.7E-07	2.4E-08	5.9E-07	1.6E-07	2.1E-07	7.9E-08	6.7E-08	0.0E+00	1.1E-06
249	UCART1	593607.59	4123039.92	593607.59, 4123039.92	0.34068	0.77414	0.89285	0.30003	0.96064	2.29E-03	5.73E-03	3.59E-03	6.57E-06	5.48E-05	8.39E-07	6.98E-06	3.16E-06	2.63E-05	2.36E-03	5.74E-03	3.62E-03	1.17E-02	8.2E-07	2.5E-06	1.4E-06	3.5E-06	2.2E-06	2.0E-06	9.1E-07	2.7E-08	6.6E-07	1.8E-07	2.4E-07	9.3E-08	7.9E-08	0.0E+00	1.3E-06
250	UCART1	593647.59	4123039.92	593647.59, 4123039.92	0.38604	0.8256	1.02222	0.27413	0.94198	2.60E-03	6.11E-03	4.11E-03	6.01E-06	5.37E-05	7.66E-07	6.85E-06	2.89E-06	2.58E-05	2.66E-03	6.12E-03	4.14E-03	1.29E-02	9.2E-07	2.8E-06	1.6E-06	3.7E-06	2.5E-06	2.3E-06	1.0E-06	3.1E-08	7.4E-07	2.0E-07	2.5E-07	1.1E-07	9.0E-08	0.0E+00	1.4E-06
251	UCART1	593687.59	4123039.92	593687.59, 4123039.92	0.44132	0.84221	1.11869	0.24979	0.91528	2.97E-03	6.23E-03	4.50E-03	5.47E-06	5.22E-05	6.98E-07	6.65E-06	2.63E-06	2.51E-05	3.03E-03	6.24E-03	4.52E-03	1.38E-02	1.0E-06	3.2E-06	1.8E-06	3.8E-06	2.7E-06	2.5E-06	1.1E-06	3.5E-08	8.5E-07	2.3E-07	2.6E-07	1.2E-07	9.9E-08	0.0E+00	1.6E-06
252	UCART1	593727.59	4123039.92	593727.59, 4123039.92	0.50387	0.82655	1.16289	0.2273	0.88033	3.39E-03	6.12E-03	4.67E-03	4.98E-06	5.02E-05	6.35E-07	6.40E-06	2.39E-06	2.41E-05	3.45E-03	6.12E-03	4.70E-03	1.43E-02	1.2E-06	3.6E-06	2.1E-06	3.7E-06	2.8E-06	2.6E-06	1.2E-06	4.0E-08	9.6E-07	2.7E-07	2.5E-07	1.2E-07	1.0E-07	0.0E+00	1.7E-06
253	UCART1	593767.59	4123039.92	593767.59, 4123039.92	0.56707	0.78591	1.15131	0.20648	0.83606	3.82E-03	5.82E-03	4.63E-03	4.52E-06	4.77E-05	5.77E-07	6.08E-06	2.18E-06	2.29E-05	3.87E-03	5.82E-03	4.65E-03	1.43E-02	1.3E-06	4.0E-06	2.3E-06	3.5E-06	2.8E-06	2.6E-06	1.2E-06	4.5E-08	1.1E-06	3.0E-07	2.4E-07	1.2E-07	1.0E-07	0.0E+00	1.9E-06
254	UCART1	593807.59	4123039.92	593807.59, 4123039.92	0.62163	0.72853	1.09206	0.18745	0.78157	4.19E-03	5.39E-03	4.39E-03	4.11E-06	4.45E-05	5.24E-07	5.68E-06	1.97E-06	2.14E-05	4.24E-03	5.40E-03	4.41E-03	1.40E-02	1.5E-06	4.4E-06	2.6E-06	3.3E-06	2.7E-06	2.4E-06	1.1E-06	4.9E-08	1.2E-06	3.3E-07	2.2E-07	1.1E-07	9.6E-08	0.0E+00	2.0E-06
255	UCART1	593847.59	4123039.92	593847.59, 4123039.92	0.66037	0.66217	1.00114	0.17018	0.71926	4.45E-03	4.90E-03	4.02E-03	3.73E-06	4.10E-05	4.76E-07	5.23E-06	1.79E-06	1.97E-05	4.49E-03	4.91E-03	4.05E-03	1.34E-02	1.6E-06	4.7E-06	2.7E-06	3.0E-06	2.4E-06	2.2E-06	1.0E-06	5.2E-08	1.3E-06	3.5E-07	2.0E-07	1.0E-07	8.8E-08	0.0E+00	2.0E-06
256	UCART1	593887.59	4123039.92	593887.59, 4123039.92	0.67837	0.5921	0.89301	0.1545	0.65177	4.57E-03	4.38E-03	3.59E-03	3.39E-06	3.72E-05	4.32E-07	4.74E-06	1.63E-06	1.79E-05	4.61E-03	4.39E-03	3.61E-03	1.26E-02	1.6E-06	4.8E-06	2.8E-06	2.7E-06	2.2E-06	2.0E-06	9.0E-07	5.3E-08	1.3E-06	3.5E-07	1.8E-07	9.3E-08	7.9E-08	0.0E+00	2.0E-06
257	UCART1	593927.59	4123039.92	593927.59, 4123039.92	0.67656	0.52325	0.78156	0.1404	0.58371	4.56E-03	3.87E-03	3.14E-03	3.08E-06	3.33E-05	3.92E-07	4.24E-06	1.48E-06	1.60E-05	4.59E-03	3.88E-03	3.16E-03	1.16E-02	1.6E-06	4.8E-06	2.8E-06	2.3E-06	1.9E-06	1.7E-06	7.9E-07	5.3E-08	1.3E-06	3.5E-07	1.6E-07	8.1E-08	6.9E-08	0.0E+00	2.0E-06
258	UCART1	593967.59	4123039.92	593967.59, 4123039.92	0.65846	0.45879	0.67601	0.12781	0.51849	4.43E-03	3.40E-03	2.72E-03	2.80E-06	2.96E-05	3.57E-07	3.77E-06	1.35E-06	1.42E-05	4.47E-03	3.40E-03	2.73E-03	1.06E-02	1.5E-06	4.7E-06	2.7E-06	2.1E-06	1.7E-06	1.5E-06	6.8E-07	5.2E-08	1.2E-06	3.4E-07	1.4E-07	7.0E-08	6.0E-08	0.0E+00	1.9E-06
259	UCART1	594007.59	4123039.92	594007.59, 4123039.92	0.62619	0.39952	0.57961	0.11651	0.45682	4.22E-03	2.96E-03	2.33E-03	2.55E-06	2.60E-05	3.26E-07	3.32E-06	1.23E-06	1.25E-05	4.25E-03	2.96E-03	2.34E-03	9.55E-03	1.5E-06	4.4E-06	2.6E-06	1.8E-06	1.4E-06	1.3E-06	5.9E-07	4.9E-08	1.2E-06	3.3E-07	1.2E-07	6.0E-08	5.1E-08	0.0E+00	1.8E-06
260	UCART1	592567.59	4123079.92	592567.59, 4123079.92	0.03696	0.05199	0.04607	0.13259	0.06586	2.49E-04	3.85E-04	1.85E-04	2.91E-06	3.75E-06	3.71E-07	4.79E-07	1.40E-06	1.80E-06	2.56E-04	3.86E-04	1.88E-04	8.30E-04	8.8E-08	2.7E-07	1.5E-07	2.3E-07	1.1E-07	1.0E-07	4.7E-08	3.0E-09	7.1E-08	2.0E-08	1.6E-08	4.8E-09	4.1E-09	0.0E+00	1.2E-07
261	UCART1	592607.59	4123079.92	592607.59, 4123079.92	0.03841	0.05505	0.04866	0.14721	0.07125	2.59E-04	4.07E-04	1.96E-04	3.23E-06	4.06E-06	4.11E-07	5.18E-07	1.55E-06	1.95E-06	2.66E-04	4.08E-04	1.99E-04	8.73E-04	9.2E-08	2.8E-07	1.6E-07	2.5E-07	1.2E-07	1.1E-07	5.0E-08	3.1E-09	7.4E-08	2.0E-08	1.7E-08	5.1E-09	4.3E-09	0.0E+00	1.2E-07
262	UCART1	592647.59	4123079.92	592647.59, 4123079.92	0.03999	0.05779	0.05142	0.1619	0.07456	2.69E-04	4.28E-04	2.07E-04	3.55E-06	4.25E-06	4.53E-07	5.42E-07	1.71E-06	2.04E-06	2.77E-04	4.29E-04	2.10E-04	9.16E-04	9.6E-08	2.9E-07	1.7E-07	2.6E-07	1.3E-07	1.2E-07	5.3E-08	3.2E-09	7.7E-08	2.1E-08	1.8E-08	5.4E-09	4.6E-09	0.0E+00	1.3E-07
263	UCART1	592687.59	4123079.92	592687.59, 4123079.92	0.04223	0.06248	0.05505	0.18233	0.08227	2.84E-04	4.62E-04	2.21E-04	4.00E-06	4.69E-06	5.10E-07	5.98E-07	1.92E-06	2.25E-06	2.93E-04	4.63E-04	2.25E-04	9.82E-04	1.0E-07	3.1E-07	1.8E-07	2.8E-07	1.4E-07	1.2E-07	5.6E-08	3.4E-09	8.2E-08	2.3E-08	1.9E-08	5.8E-09	4.9E-09	0.0E+00	1.4E-07
264	UCART1	592727.59	4123079.92	592727.59, 4123079.92	0.04477	0.06806	0.0592	0.20521	0.09225	3.02E-04	5.04E-04	2.38E-04	4.50E-06	5.26E-06	5.74E-07	6.71E-07	2.16E-06	2.53E-06	3.11E-04	5.05E-04	2.43E-04	1.06E-03	1.1E-07	3.3E-07	1.9E-07	3.1E-07	1.5E-07	1.3E-07	6.1E-08	3.6E-09	8.7E-08	2.4E-08	2.1E-08	6.2E-09	5.3E-09	0.0E+00	1.5E-07
265	UCART1	592767.59	4123079.92	592767.59, 4123079.92	0.04768	0.07484	0.064	0.2289	0.10492	3.21E-04	5.54E-04	2.57E-04	5.02E-06	5.98E-06	6.40E-07	7.63E-07	2.41E-06	2.88E-06	3.32E-04	5.55E-04	2.63E-04	1.15E-03	1.1E-07	3.5E-07	2.0E-07	3.4E-07	1.6E-07	1.4E-07	6.6E-08	3.8E-09	9.3E-08	2.6E-08	2.3E-08	6.7E-09	5.7E-09	0.0E+00	1.6E-07
266	UCART1	592807.59	4123079.92	592807.59, 4123079.92	0.05092	0.08269	0.06949	0.2535	0.11791	3.43E-04	6.12E-04	2.79E-04	5.56E-06	6.72E-06	7.09E-07	8.57E-07	2.67E-06	3.23E-06	3.55E-04	6.13E-04	2.85E-04	1.25E-03	1.2E-07	3.7E-07	2.1E-07	3.7E-07	1.7E-07	1.6E-07	7.1E-08	4.1E-09	9.9E-08	2.7E-08	2.5E-08	7.3E-09	6.2E-09	0.0E+00	1.7E-07
267	UCART1	592847.59	4123079.92	592847.59, 4123079.92	0.05454	0.09177	0.07579	0.28006	0.13324	3.67E-04	6.79E-04	3.05E-04	6.14E-06	7.59E-06	7.83E-07	9.69E-07	2.95E-06	3.65E-06	3.81E-04	6.81E-04	3.11E-04	1.37E-03	1.3E-07	4.0E-07	2.3E-07	4.1E-07	1.9E-07	1.7E-07	7.8E-08	4.4E-09	1.1E-07	2.9E-08	2.8E-08	8.0E-09	6.8E-09	0.0E+00	1.8E-07

CONSTRUCTION RISK (UNMITIGATED)

268	UCART1	592887.59	4123079.92	592887.59, 4123079.92	0.05868	0.10261	0.08319	0.31464	0.15166	3.95E-04	7.59E-04	3.34E-04	6.90E-06	8.64E-06	8.79E-07	1.10E-06	3.31E-06	4.16E-06	4.11E-04	7.61E-04	3.42E-04	1.51E-03	1.4E-07	4.3E-07	2.5E-07	4.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	1.1E-07	3.2E-08	3.1E-08	8.8E-09	7.4E-09	0.0E+00	2.0E-07
269	UCART1	592927.59	4123079.92	592927.59, 4123079.92	0.06372	0.11545	0.09195	0.36284	0.17389	4.29E-04	8.54E-04	3.70E-04	7.95E-06	9.91E-06	1.01E-06	1.26E-06	3.82E-06	4.77E-06	4.47E-04	8.57E-04	3.78E-04	1.68E-03	1.5E-07	4.7E-07	2.7E-07	5.2E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	1.2E-07	3.4E-08	3.5E-08	9.7E-09	8.2E-09	0.0E+00	2.2E-07
270	UCART1	592967.59	4123079.92	592967.59, 4123079.92	0.06914	0.13021	0.10223	0.42298	0.20044	4.66E-04	9.64E-04	4.11E-04	9.27E-06	1.14E-05	1.18E-06	1.46E-06	4.46E-06	5.49E-06	4.86E-04	9.66E-04	4.21E-04	1.87E-03	1.7E-07	5.1E-07	2.9E-07	5.8E-07	2.5E-07	2.3E-07	1.1E-07	5.6E-09	1.4E-07	3.7E-08	4.0E-08	1.1E-08	9.2E-09	0.0E+00	2.4E-07
271	UCART1	593007.59	4123079.92	593007.59, 4123079.92	0.07601	0.14822	0.11533	0.48965	0.23357	5.12E-04	1.10E-03	4.64E-04	1.07E-05	1.33E-05	1.37E-06	1.70E-06	5.16E-06	6.40E-06	5.36E-04	1.10E-03	4.75E-04	2.11E-03	1.9E-07	5.6E-07	3.2E-07	6.7E-07	2.9E-07	2.6E-07	1.2E-07	6.2E-09	1.5E-07	4.1E-08	4.5E-08	1.2E-08	1.0E-08	0.0E+00	2.6E-07
272	UCART1	593047.59	4123079.92	593047.59, 4123079.92	0.08372	0.16957	0.13143	0.54921	0.2736	5.64E-04	1.25E-03	5.28E-04	1.20E-05	1.56E-05	1.54E-06	1.99E-06	5.79E-06	7.50E-06	5.91E-04	1.26E-03	5.42E-04	2.39E-03	2.0E-07	6.2E-07	3.6E-07	7.6E-07	3.3E-07	3.0E-07	1.4E-07	6.8E-09	1.7E-07	4.6E-08	5.2E-08	1.4E-08	1.2E-08	0.0E+00	2.9E-07
273	UCART1	593087.59	4123079.92	593087.59, 4123079.92	0.09264	0.195	0.15048	0.5943	0.32211	6.24E-04	1.44E-03	6.05E-04	1.30E-05	1.84E-05	1.66E-06	2.34E-06	6.26E-06	8.83E-06	6.55E-04	1.45E-03	6.20E-04	2.72E-03	2.3E-07	6.8E-07	4.0E-07	8.8E-07	3.8E-07	3.4E-07	1.6E-07	7.6E-09	1.8E-07	5.0E-08	5.9E-08	1.6E-08	1.4E-08	0.0E+00	3.3E-07
274	UCART1	593127.59	4123079.92	593127.59, 4123079.92	0.10396	0.22561	0.17572	0.62286	0.38236	7.00E-04	1.67E-03	7.06E-04	1.36E-05	2.18E-05	1.74E-06	2.78E-06	6.56E-06	1.05E-05	7.36E-04	1.67E-03	7.23E-04	3.13E-03	2.5E-07	7.7E-07	4.5E-07	1.0E-06	4.4E-07	4.0E-07	1.8E-07	8.5E-09	2.1E-07	5.7E-08	6.9E-08	1.9E-08	1.6E-08	0.0E+00	3.7E-07
275	UCART1	593167.59	4123079.92	593167.59, 4123079.92	0.11782	0.26067	0.20641	0.63322	0.45764	7.94E-04	1.93E-03	8.30E-04	1.39E-05	2.61E-05	1.77E-06	3.33E-06	6.67E-06	1.25E-05	8.33E-04	1.93E-03	8.49E-04	3.62E-03	2.9E-07	8.7E-07	5.0E-07	1.2E-06	5.1E-07	4.7E-07	2.1E-07	9.6E-09	2.3E-07	6.4E-08	7.9E-08	2.2E-08	1.8E-08	0.0E+00	4.3E-07
276	UCART1	593207.59	4123079.92	593207.59, 4123079.92	0.13331	0.3005	0.24579	0.62883	0.56083	8.98E-04	2.22E-03	9.88E-04	1.38E-05	3.20E-05	1.76E-06	4.08E-06	6.63E-06	1.54E-05	9.44E-04	2.23E-03	1.01E-03	4.18E-03	3.3E-07	9.9E-07	5.7E-07	1.3E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-08	2.6E-07	7.3E-08	9.2E-08	2.6E-08	2.2E-08	0.0E+00	4.9E-07
277	UCART1	593247.59	4123079.92	593247.59, 4123079.92	0.15188	0.34699	0.29697	0.61299	0.70454	1.02E-03	2.57E-03	1.19E-03	1.34E-05	4.02E-05	1.71E-06	5.12E-06	6.46E-06	1.93E-05	1.08E-03	2.57E-03	1.22E-03	4.87E-03	3.7E-07	1.1E-06	6.5E-07	1.6E-06	7.4E-07	6.7E-07	3.1E-07	1.2E-08	3.0E-07	8.3E-08	1.1E-07	3.1E-08	2.7E-08	0.0E+00	5.6E-07
278	UCART1	593287.59	4123079.92	593287.59, 4123079.92	0.17022	0.39127	0.35073	0.58733	0.86677	1.15E-03	2.90E-03	1.41E-03	1.29E-05	4.94E-05	1.64E-06	6.30E-06	6.19E-06	2.38E-05	1.21E-03	2.90E-03	1.44E-03	5.55E-03	4.2E-07	1.3E-06	7.3E-07	1.8E-06	8.7E-07	7.9E-07	3.6E-07	1.4E-08	3.4E-07	9.3E-08	1.2E-07	3.7E-08	3.1E-08	0.0E+00	6.3E-07
279	UCART1	593327.59	4123079.92	593327.59, 4123079.92	0.19528	0.43519	0.42028	0.55651	1.02923	1.32E-03	3.22E-03	1.69E-03	1.22E-05	5.87E-05	1.56E-06	7.48E-06	5.86E-06	2.82E-05	1.39E-03	3.23E-03	1.72E-03	6.34E-03	4.8E-07	1.4E-06	8.4E-07	2.0E-06	1.0E-06	9.5E-07	4.3E-07	1.6E-08	3.9E-07	1.1E-07	1.3E-07	4.4E-08	3.8E-08	0.0E+00	7.2E-07
280	UCART1	593367.59	4123079.92	593367.59, 4123079.92	0.21843	0.47204	0.48768	0.52071	1.15299	1.47E-03	3.49E-03	1.96E-03	1.14E-05	6.57E-05	1.46E-06	8.38E-06	5.49E-06	3.16E-05	1.55E-03	3.50E-03	2.00E-03	7.05E-03	5.4E-07	1.6E-06	9.4E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.8E-08	4.3E-07	1.2E-07	1.4E-07	5.1E-08	4.4E-08	0.0E+00	8.1E-07
281	UCART1	593407.59	4123079.92	593407.59, 4123079.92	0.24794	0.53483	0.57358	0.48355	1.24295	1.67E-03	3.96E-03	2.31E-03	1.06E-05	7.08E-05	1.35E-06	9.04E-06	5.09E-06	3.41E-05	1.75E-03	3.97E-03	2.34E-03	8.06E-03	6.1E-07	1.8E-06	1.1E-06	2.4E-06	1.4E-06	1.3E-06	5.9E-07	2.0E-08	4.9E-07	1.3E-07	1.6E-07	6.0E-08	5.1E-08	0.0E+00	9.2E-07
282	UCART1	593447.59	4123079.92	593447.59, 4123079.92	0.27831	0.63634	0.66764	0.44506	1.29033	1.87E-03	4.71E-03	2.68E-03	9.75E-06	7.35E-05	1.24E-06	9.38E-06	4.69E-06	3.54E-05	1.96E-03	4.72E-03	2.72E-03	9.40E-03	6.8E-07	2.0E-06	1.2E-06	2.9E-06	1.6E-06	1.5E-06	6.8E-07	2.3E-08	5.5E-07	1.5E-07	1.9E-07	7.0E-08	5.9E-08	0.0E+00	1.0E-06
283	UCART1	593487.59	4123079.92	593487.59, 4123079.92	0.31709	0.78378	0.80621	0.40787	1.3161	2.14E-03	5.80E-03	3.24E-03	8.94E-06	7.50E-05	1.14E-06	9.57E-06	4.30E-06	3.61E-05	2.22E-03	5.81E-03	3.28E-03	1.13E-02	7.7E-07	2.3E-06	1.3E-06	3.5E-06	2.0E-06	1.8E-06	8.2E-07	2.6E-08	6.2E-07	1.7E-07	2.4E-07	8.4E-08	7.1E-08	0.0E+00	1.2E-06
284	UCART1	593527.59	4123079.92	593527.59, 4123079.92	0.3595	0.93573	0.98241	0.37131	1.31562	2.42E-03	6.92E-03	3.95E-03	8.14E-06	7.50E-05	1.04E-06	9.56E-06	3.91E-06	3.61E-05	2.50E-03	6.94E-03	3.99E-03	1.34E-02	8.7E-07	2.6E-06	1.5E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	2.9E-08	7.0E-07	1.9E-07	2.8E-07	1.0E-07	8.7E-08	0.0E+00	1.4E-06
285	UCART1	593567.59	4123079.92	593567.59, 4123079.92	0.41351	1.05627	1.20046	0.33703	1.30404	2.78E-03	7.82E-03	4.83E-03	7.39E-06	7.43E-05	9.42E-07	9.48E-06	3.55E-06	3.57E-05	2.87E-03	7.83E-03	4.86E-03	1.56E-02	9.9E-07	3.0E-06	1.7E-06	4.7E-06	2.9E-06	2.7E-06	1.2E-06	3.3E-08	8.0E-07	2.2E-07	3.2E-07	1.2E-07	1.1E-07	0.0E+00	1.6E-06
286	UCART1	593607.59	4123079.92	593607.59, 4123079.92	0.47292	1.1164	1.4012	0.30451	1.27152	3.19E-03	8.26E-03	5.63E-03	6.67E-06	7.25E-05	8.51E-07	9.24E-06	3.21E-06	3.48E-05	3.26E-03	8.27E-03	5.67E-03	1.72E-02	1.1E-06	3.4E-06	2.0E-06	5.0E-06	3.4E-06	3.1E-06	1.4E-06	3.8E-08	9.1E-07	2.5E-07	3.4E-07	1.5E-07	1.2E-07	0.0E+00	1.8E-06
287	UCART1	593647.59	4123079.92	593647.59, 4123079.92	0.54738	1.11676	1.55293	0.27457	1.22912	3.69E-03	8.26E-03	6.24E-03	6.02E-06	7.01E-05	7.67E-07	8.94E-06	2.89E-06	3.37E-05	3.76E-03	8.27E-03	6.28E-03	1.83E-02	1.3E-06	3.9E-06	2.3E-06	5.0E-06	3.8E-06	3.4E-06	1.6E-06	4.3E-08	1.1E-06	2.9E-07	3.4E-07	1.6E-07	1.4E-07	0.0E+00	2.0E-06
288	UCART1	593687.59	4123079.92	593687.59, 4123079.92	0.63566	1.06793	1.61543	0.24722	1.17618	4.28E-03	7.90E-03	6.49E-03	5.42E-06	6.70E-05	6.91E-07	8.55E-06	2.60E-06	3.22E-05	4.35E-03	7.91E-03	6.53E-03	1.88E-02	1.5E-06	4.6E-06	2.6E-06	4.8E-06	4.0E-06	3.6E-06	1.6E-06	5.0E-08	1.2E-06	3.4E-07	3.2E-07	1.7E-07	1.4E-07	0.0E+00	2.2E-06
289	UCART1	593727.59	4123079.92	593727.59, 4123079.92	0.72771	0.98677	1.57941	0.22255	1.10877	4.90E-03	7.30E-03	6.35E-03	4.88E-06	6.32E-05	6.22E-07	8.06E-06	2.34E-06	3.04E-05	4.97E-03	7.31E-03	6.38E-03	1.87E-02	1.7E-06	5.2E-06	3.0E-06	4.4E-06	3.9E-06	3.5E-06	1.6E-06	5.7E-08	1.4E-06	3.8E-07	3.0E-07	1.6E-07	1.4E-07	0.0E+00	2.4E-06
290	UCART1	593767.59	4123079.92	593767.59, 4123079.92	0.80776	0.8894	1.46565	0.20025	1.02455	5.44E-03	6.58E-03	5.89E-03	4.39E-06	5.84E-05	5.60E-07	7.45E-06	2.11E-06	2.81E-05	5.50E-03	6.59E-03	5.92E-03	1.80E-02	1.9E-06	5.8E-06	3.3E-06	4.0E-06	3.6E-06	3.2E-06	1.5E-06	6.4E-08	1.5E-06	4.2E-07	2.7E-07	1.5E-07	1.3E-07	0.0E+00	2.6E-06
291	UCART1	593807.59	4123079.92	593807.59, 4123079.92	0.86194	0.78749	1.30639	0.18033	0.92751	5.81E-03	5.83E-03	5.25E-03	3.95E-06	5.29E-05	5.04E-07	6.74E-06	1.90E-06	2.54E-05	5.86E-03	5.83E-03	5.28E-03	1.70E-02	2.0E-06	6.1E-06	3.5E-06	3.5E-06	3.2E-06	2.9E-06	1.3E-06	6.8E-08	1.6E-06	4.5E-07	2.4E-07	1.4E-07	1.1E-07	0.0E+00	2.6E-06
292	UCART1	593847.59	4123079.92	593847.59, 4123079.92	0.8832	0.68793	1.13074	0.16256	0.82474	5.95E-03	5.09E-03	4.55E-03	3.56E-06	4.70E-05	4.54E-07	6.00E-06	1.71E-06	2.26E-05	6.00E-03	5.10E-03	4.57E-03	1.57E-02	2.1E-06	6.3E-06	3.6E-06	3.1E-06	2.8E-06	2.5E-06	1.1E-06	6.9E-08	1.7E-06	4.6E-07	2.1E-07	1.2E-07	1.0E-07	0.0E+00	2.6E-06
293	UCART1	593887.59	4123079.92	593887.59, 4123079.92	0.87279	0.59471	0.95914	0.14673	0.7236	5.88E-03	4.40E-03	3.86E-03	3.22E-06	4.12E-05	4.10E-07	5.26E-06	1.55E-06	1.98E-05	5.92E-03	4.41E-03	3.88E-03	1.42E-02	2.1E-06	6.2E-06	3.6E-06	2.7E-06	2.3E-06	2.1E-06	9.7E-07	6.8E-08	1.7E-06	4.6E-07	1.8E-07	1.0E-07	8.4E-08	0.0E+00	2.5E-06
294	UCART1	593927.59	4123079.92	593927.59, 4123079.92	0.83719	0.51053	0.80416	0.1327	0.6291	5.64E-03	3.78E-03	3.23E-03	2.91E-06	3.59E-05	3.71E-07	4.57E-06	1.40E-06	1.72E-05	5.68E-03	3.78E-03	3.25E-03	1.27E-02	2.0E-06	5.9E-06	3.4E-06	2.3E-06	2.0E-06	1.8E-06	8.1E-07	6.6E-08	1.6E-06	4.4E-07	1.6E-07	8.3E-08	7.1E-08	0.0E+00	2.4E-06
295	UCART1	593967.59	4123079.92	593967.59, 4123079.92	0.78423	0.43656	0.67091	0.12032	0.54357	5.28E-03	3.23E-03	2.70E-03	2.64E-06	3.10E-05	3.36E-07	3.95E-06	1.27E-06	1.49E-05	5.32E-03	3.23E-03	2.71E-03	1.13E-02	1.8E-06	5.6E-06	3.2E-06	2.0E-06	1.6E-06	1.5E-06	6.8E-07	6.1E-08	1.5E-06	4.1E-07	1.3E-07	7.0E-08	5.9E-08	0.0E+00	2.2E-06
296	UCART1	594007.59	4123079.92	594007.59, 4123079.92	0.71935	0.37218	0.5587	0.10934	0.46687	4.84E-03	2.75E-03	2.25E-03	2.40E-06	2.66E-05	3.06E-07	3.39E-06	1.15E-06	1.28E-05	4.87E-03	2.76E-03	2.26E-03	9.89E-03	1.7E-06	5.1E-06	2.9E-06	1.7E-06	1.4E-06	1.2E-06	5.7E-07	5.6E-08	1.4E-06	3.8E-07	1.1E-07	5.8E-08	4.9E-08	0.0E+00	2.0E-06
297	UCART1	592567.59	4123119.92	592567.59, 4123119.92	0.039	0.0552	0.04876	0.15489	0.07112	2.63E-04	4.08E-04	1.96E-04	3.39E-06	4.05E-06	4.33E-07	5.17E-07	1.63E-06	1.95E-06	2.70E-04	4.09E-04	2.00E-04	8.79E-04	9.4E-08	2.8E-07	1.6E-07	2.5E-07	1.2E-07	1.1E-07	5.0E-08	3.1E-09	7.5E-08	2.1E-08	1.7E-08	5.1E-09	4.3E-09	0.0E+00	1.3E-07
298	UCART1	592607.59	4123119.92	592607.59, 4123119.92	0.04118	0.05942	0.05209	0.17781	0.07799	2.77E-04	4.40E-04	2.09E-04	3.90E-06	4.45E-06	4.97E-07	5.67E-07	1.87E-06	2.14E-06	2.86E-04	4.41E-04	2.13E-04	9.40E-04	9.9E-08	3.0E-07	1.7E-07	2.7E-07	1.3E-07	1.2E-07	5.3E-08	3.3E-09	8.0E-08	2.2E-08	1.8E-08	5.5E-09	4.6E-09	0.0E+00	1.3E-07
299	UCART1	592647.59	4123119.92	592647.59, 4123119.92	0.04291	0.06328	0.05526	0.20077	0.08521	2.89E-04	4.68E-04	2.22E-04	4.40E-06	4.86E-06	5.61E-07	6.20E-07	2.12E-06	2.34E-06	2.98E-04	4.69E-04	2.27E-04	9.94E-04	1.0E-07	3.1E-07	1.8E-07	2.8E-07	1.4E-07	1.2E-07	5.7E-08	3.4E-09	8.3E-08	2.3E-08	1.9E-08	5.8E-09	4.9E-09	0.0E+00	1.4E-07
300	UCART1	592687.59	4123119.92	592687.59, 4123119.92	0.04517	0.06774	0.05907	0.22792	0.0925	3.04E-04	5.01E-04	2.37E-04	4.99E-06	5.27E-06	6.37E-07	6.73E-07	2.40E-06	2.53E-06	3.14E-04	5.03E-04	2.42E-04	1.06E-03	1.1E-07	3.3E-07	1.9E-07	3.0E-07	1.5E-07	1.3E-07	6.1E-08	3.6E-09	8.8E-08	2.4E-08	2.1E-08	6.2E-09	5.3E-09	0.0E+00	1.5E-07
301	UCART1	592727.59	4123119.92	592727.59, 4123119.92	0.04802	0.07402	0.06382	0.26191	0.1047	3.23E-04	5.48E-04	2.57E-04	5.74E-06	5.97E-06	7.32E-07	7.61E-07	2.76E-06	2.87E-06	3.35E-04	5.49E-04	2.62E-04	1.15E-03	1.2E-07	3.5E-07	2.0E-07	3.3E-07	1.6E-07	1.4E-07	6.6E-08	3.9E-09	9.4E-08	2.6E-08	2.3E-08	6.7E-09	5.7E-09	0.0E+00	1.6E-07
302	UCART1	592767.59	4123119.92	592767.59, 4123119.92	0.05131	0.08172	0.06935	0.2993	0.11831	3.46E-04	6.05E-04	2.79E-04	6.56E-06	6.74E-06	8.37E-07	8.60E-07	3.15E-06	3.24E-06	3.59E-04	6.06E-04	2.85E-04	1.25E-03	1.2E-07	3.8E-07	2.2E-07	3.7E-07	1.7E-07	1.6E-07	7.1E-08	4.1E-09	1.0E-07	2.8E-08	2.5E-08	7.3E-09	6.2E-09	0.0E+00	1.7E-07
303	UCART1	592807.59	4123119.92	592807.59, 4123119.92	0.055	0.09075	0.07572	0.33733	0.13443	3.70E-04	6.72E-04	3.04E-04	7.39E-06	7.66E-06	9.43E-07	9.77E-07	3.55E-06	3.68E-06	3.85E-04	6.73E-04	3.12E-04	1.37E-03	1.3E-07	4.0E-07	2.3E-07	4.1E-07	1.9E-07	1.7E-07	7.8E-08	4.5E-09	1.1E-07	3.0E-08	2.8E-08	8.0E-09	6.8E-09	0.0E+00	1.8E-07
304	UCART1	592847.59	4123119.92	592847.59, 4123119.92	0.05918	0.1015	0.08315	0.38223	0.15405	3.99E-04	7.51E-04	3.34E-04	8.38E-06	8.78E-06	1.07E-06	1.12E-06	4.03E-06	4.22E-06	4.16E-04	7.53E-04	3.42E-04	1.51E-03	1.4E-07	4.3E-07	2.5E-07	4.6E-07	2.1E-07	1.9E-07	8.6E-08	4.8E-09	1.2E-07	3.2E-08	3.1E-08	8.8E-09	7.5E-09	0.0E+00	2.0E-07
305	UCART1	592887.59	4123119.92	592887.59, 4123119.92	0.06408	0.11463	0.09202	0.44674	0.17844	4.32E-04	8.48E-04	3.70E-04	9.79E-06	1.02E-05	1.25E-06	1.30E-06	4.71E-06	4.89E-06	4.52E-04	8.51E-04	3.79E-04	1.68E-03	1.6E-07	4.7E-07	2.7E-07	5.1E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	1.3E-07	3.5E-08	3.5E-08	9.7E-09	8.3E-09	0.0E+00	2.2E-07
306	UCART1	592927.59	4123119.92	592927.59, 4123119.92	0.07008	0.12997	0.10266	0.53622	0.20864	4.72E-04	9.62E-04	4.13E-04	1.18E-05	1.19E-05	1.50E-06	1.52E-06	5.65E-06	5.72E-06	4.96E-04	9.65E-04	4.24E-04	1.88E-03	1.7E-07	5.2E-07	3.0E-07	5.8E-07	2.6E-07	2.3E-07	1.1E-07	5.7E-09	1.4E-07	3.8E-08	4.0E-08	1.1E-08	9.2E-09	0.0E+00	2.4E-07
307	UCART1	592967.59	4123119.92	592967.59, 4123119.92	0.07682	0.14837	0.11549	0.6369	0.24642	5.17E-04	1.10E-03	4.64E-04	1.40E-05	1.40E-05	1.78E-06	1.79E-06	6.71E-06	6.75E-06	5.45E-04	1.10E-03	4.78E-04	2.12E-03	1.9E-07	5.7E-07	3.3E-07	6.7E-07	2.9E-07	2.6E-07	1.2E-07	6.3E-09	1.5E-07	4.2E-08	4.5E-08	1.2E-08	1.0E-08	0.0E+00	2.7E-07
308	UCART1	593007.59	4123119.92	593007.59, 4123119.92	0.08469	0.1713	0.13151	0.72667	0.29527	5.70E-04	1.27E-03	5.29E-04	1.59E-05	1.68E-05	2.03E-06	2.15E-06	7.66E-06	8.09E-06	6.03E-04	1.27E-03	5.44E-04	2.42E-03	2.1E-07	6.3E-07	3.6E-07	7.7E-07	3.3E-07	3.0E-07	1.4E-07	7.0E-09	1.7E-07	4.6E-08	5.2E-08	1.4E-08	1.2E-08	0.0E+00	3.0E-07
309	UCART1	593047.59	4123119.92	593047.59, 4123119.92	0.09405	0.19976	0.15105	0.78867	0.35822	6.33E-04	1.48E-03	6.07E-04	1.73E-05	2.04E-05	2.20E-06	2.60E-06	8.31E-06	9.82E-06	6.71E-04	1.48E-03	6.25E-04	2.78E-03	2.3E-07	7.0E-07	4.1E-07	9.0E-07	3.8E-07	3.4E-07	1.6E-07	7.8E-09	1.9E-07	5.2E-08	6.1E-08	1.6E-08	1.4E-08	0.0E+00	3.4E-07
310	UCART1	593087.59	4123119.92	593087.59, 4123119.92	0.1056	0.23554	0.1768	0.8206	0.44124	7.11E-04	1.74E-03	7.11E-04	1.80E-05	2.52E-05	2.29E-06	3.21E-06	8.65E-06	1.21E-05	7.54E-04	1.75E-03	7.31E-04	3.23E-03	2.6E-07	7.9E-07	4.6E-07	1.1E-06	4.4E-07	4.0E-07	1.8E-07	8.7E-09	2.1E-07	5.8E-08	7.2E-08	1.9E-08	1.6E-08	0.0E+00	3.8E-07
311	UCART1	593127.59	4123119.92	593127.59, 4123119.92	0.1205	0.28014	0.20996	0.82385	0.54908	8.12E-04	2.07E-03	8.44E-04	1.81E-05	3.13E-05	2.30E-06	3.99E-06	8.68E-06	1.50E-05	8.61E-04	2.08E-03	8.68E-04	3.81E-03	3.0E-07	9.0E-07	5.2E-07	1.3E-06	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	6.6E-08	8.5E-08	2.2E-08	1.9E-08	0.0E+00	4.4E-07
312	UCART1	593167.59	4123119.92	593167.59, 4123119.92	0.13701	0.33465	0.25148	0.8053	0.69412	9.23E-04	2.48E-03	1.01E-03	1.76E-05	3.96E-05	2.25E-06	5.05E-06	8.48E-06	1.90E-05	9.80E-04	2.48E-03	1.04E-03	4.50E-03	3.4E-07	1.0E-06	5.9E-07	1.5E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-08	2.7E-07	7.5E-08	1.0E-07	2.7E-08	2.3E-08	0.0E+00	5.1E-07
313	UCART1	593207.59	4123119.92	593207.59, 4123119.92	0.15635	0.39916	0.30609	0.77163	0.90976	1.05E-03	2.95E-03	1.23E-03	1.69E-05	5.19E-05	2.16E-06	6.61E-06	8.13E-06	2.49E-05	1.12E-03	2.96E-03	1.26E-03	5.35E-03	3.9E-07	1.2E-06	6.8E-07	1.8E-06	7.6E-07	6.9E-07	3.2E-07	1.3E-08	3.1E-07	8.6E-08	1.2E-07	3.2E-08	2.8E-08	0.0E+00	5.9E-07
314	UCART1	593247.59	4123119.92	593247.59, 4123119.92	0.1804	0.47634	0.37994	0.7288	1.20139	1.21E-03	3.52E-03	1.53E-03	1.60E-05	6.85E-05	2.04E-06	8.73E-06	7.68E-06	3.29E-05	1.30E-03	3.54E-03	1.57E-03	6.40E-03	4.5E-07	1.4E-06	7.9E-07	2.1E-06	9.5E-07	8.6E-07	3.9E-07	1.5E-08	3.6E-07	1.0E-07	1.5E-07	4.0E-08	3.4E-08	0.0E+00	7.0E-07
315	UCART1	593287.59	4123119.92	593287.59, 4123119.92	0.20619	0.55417	0.46588	0.67907	1.48364	1.39E-03	4.10E-03	1.87E-03	1.49E-05	8.46E-05	1.90E-06	1.08E-05	7.15E-06	4.07E-05	1.49E-03	4.11E-03	1.92E-03	7.52E-03	5.2E-07	1.6E-06	9.0E-07	2.5E-06	1.2E-06	1.1E-06	4.8E-07	1.7E-08	4.2E-07	1.1E-07	1.7E-07	4.9E-08	4.2E-08	0.0E+00	8.1E-07
316	UCART1	593327.59	4123119.92	593327.59, 4123119.92	0.2394	0.63269	0.57865	0.62714	1.69833	1.61E-03	4.68E-03	2.33E-03	1.37E-05	9.68E-05	1.75E-06	1.23E-05	6.61E-06	4.65E-05	1.72E-03	4.70E-03	2.38E-03	8.80E-03	6.0E-07	1.8E-06	1.0E-06	2.8E-06	1.4E-06	1.3E-06	6.0E-07	2.0E-08	4.8E-07	1.3E-07	1.9E-07	6.1E-08	5.2E-08	0.0E+00	9.4E-07
317	UCART1	593367.59	4123119.92	593367.59, 4123119.92	0.27389	0.71195	0.70002	0.57352	1.81985	1.84E-03	5.27E-03	2.81E-03	1.26E-05	1.04E-04	1.60E-06	1.32E-05	6.04E-06	4.99E-05	1.96E-03	5.28E-03	2.87E-03	1.01E-02	6.8E-07	2.0E-06	1.2E-06	3.2E-06	1.7E-06	1.6E-06	7.2E-07	2.3E-08	5.5E-07	1.5E-07	2.2E-07	7.4E-08	6.3E-08	0.0E+00	1.1E-06
318	UCART1	593407.59	4123119.92	593407.59, 4123119.92	0.31638	0.85949	0.8531	0.52165	1.88252	2.13E-03	6.36E-03	3.43E-03	1.14E-05	1.07E-04	1.46E-06	1.37E-05	5.50E-06	5.16E-05	2.25E-03	6.38E-03	3.49E-03	1.21E-02	7.8E-07	2.4E-06	1.4E-06	3.9E-06	2.1E-06	1.9E-06	8.7E-07	2.6E-08	6.3E-07	1.7E-07	2.6E-07	8.9E-08	7.6E-08	0.0E+00	1.3E-06
319	UCART1	593447.59	4123119.92	593447.59, 4123119.92	0.36481	1.08994	1.04762	0.47096	1.89525	2.46E-03	8.07E-03	4.21E-03	1.03E-05	1.08E-04	1.32E-06	1.38E-05	4.96E-06	5.19E-05	2.58E-03	8.08E-03	4.27E-03	1.49E-02	8.9E-07	2.7E-06	1.6E-06	4.9E-06	2.6E-06	2.3E-06	1.1E-06	3.0E-08	7.2E-07	2.0E-07	3.3E-07	1.1E-07	9.3E-08	0.0E+00	1.5E-06
320	UCART1	593487.59	4123119.92	593487.59, 4123119.92	0.42755	1.34253	1.33259	0.4236	1.89	2.88E-03	9.93E-03	5.36E-03	9.28E-06	1.08E-04	1.18E-06	1.37E-05	4.46E-06	5.18E-05	3.00E-03	9.95E-03	5.41E-03	1.84E-02	1.0E-06	3.1E-06	1.8E-06	6.0E-06	3.3E-06	3.0E-06	1.4E-06	3.5E-08	8.4E-07	2.3E-07	4.1E-07	1.4E-07	1.2E-07	0.0E+00	1.8E-06
321	UCART1	593527.59	4123119.92	593527.59, 4123119.92	0.50128	1.51857	1.6738	0.37938	1.86169	3.38E-03	1.12E-02	6.73E-03	8.31E-06	1.06E-04	1.06E-06	1.35E-05	4.00E-06	5.10E-05	3.49E-03	1.13E-02	6.78E-03	2.15E-02	1.2E-06	3.6E-06	2.1E-06	6.8E-06	4.1E-06	3.7E-06	1.7E-06	4.0E-08	9.7E-07	2.7E-07	4.6E-07	1.7E-07	1.5E-07	0.0E+00	2.1E-06
322	UCART1	593567.59	4123119.92	593567.59, 4123119.92	0.59337	1.57887	2.02685	0.3391	1.8208	4.00E-03	1.17E-02	8.15E-03	7.43E-06	1.04E-04	9.48E-07	1.32E-05	3.57E-06	4.99E-05	4.11E-03	1.17E-02	8.20E-03	2.40E-02	1.4E-06	4.3E-06	2.5E-06	7.1E-06	5.0E-06	4.5E-06	2.1E-06	4.7E-08	1.1E-06	3.2E-07	4.8E-07	2.1E-07	1.8E-07	0.0E+00	2.4E-06
323	UCART1	593607.59	4123119.92	593607.59, 4123119.92	0.69804	1.52805	2.27931	0.3022	1.75567	4.70E-03	1.13E-02	9.16E-03	6.62E-06	1.00E-04	8.45E-07	1.28E-05	3.18E-06	4.81E-05	4.81E-03	1.13E-02	9.21E-03	2.53E-02	1.7E-06	5.0E-06	2.9E-06	6.9E-06	5.6E-06	5.1E-06	2.3E-06	5.6E-08	1.3E-06	3.7E-07	4.7E-07	2.4E-07	2.0E-07	0.0E+00	2.7E-06
324	UCART1	593647.59	4123119.92	593647.59, 4123119.92	0.82851	1.40785	2.37279	0.26929	1.67448	5.58E-03	1.04E-02	9.54E-03	5.90E-06	9.54E-05	7.53E-07	1.22E-05	2.84E-06	4.59E-05	5.68E-03	1.04E-02	9.59E-03	2.57E-02	2.0E-06	5.9E-06	3.4E-06	6.3E-06	5.8E-06	5.3E-06	2.4E-06	6.6E-08	1.6E-06	4.4E-07	4.3E-07	2.5E-07	2.1E-07	0.0E+00	3.0E-06
325	UCART1	593687.59	4123119.92	593687.59, 4123119.92	0.97286	1.25397	2.28095	0.2398	1.56998	6.55E-03	9.28E-03	9.17E-03	5.26E-06	8.95E-05	6.70E-07	1.14E-05	2.53E-06	4.30E-05	6.65E-03	9.29E-03	9.21E-03	2.52E-02	2.3E-06	6.9E-06	4.0E-06	5.6E-06	5.6E-06	5.1E-06	2.3E-06	7.7E-08	1.9E-06	5.1E-07	3.8E-07	2.4E-07	2.0E-07	0.0E+00	3.3E-06
326	UCART1	593727.59	4123119.92	593727.59, 4123119.92	1.09859	1.09253	2.05055	0.21369	1.42954	7.40E-03	8.08E-03	8.24E-03	4.68E-06	8.15E-05	5.97E-07	1.04E-05	2.25E-06	3.92E-05	7.49E-03	8.10E-03	8.28E-03	2.39E-02	2.6E-06	7.8E-06	4.5E-06	4.9E-06	5.0E-06	4.5E-06	2.1E-06	8.7E-08	2.1E-06	5.8E-07	3.3E-07	2.1E-07	1.8E-07	0.0E+00	3.5E-06
327	UCART1	593767.59	4123119.92	593767.59, 4123119.92	1.17494	0.93797	1.75533	0.1907	1.26017	7.91E-03	6.94E-03	7.06E-03	4.18E-06	7.18E-05	5.33E-07	9.16E-06	2.01E-06	3.45E-05	7.99E-03	6.95E-03	7.09E-03	2.20E-02	2.8E-06	8.4E-06	4.8E-06	4.2E-06	4.3E-06	3.9E-06	1.8E-06	9.2E-08	2.2E-06	6.2E-07	2.9E-07	1.8E-07	1.5E-07	0.0E+00	3.6E-06
328	UCART1	593807.59	4123119.92	593807.59, 4123119.92	1.19404	0.79745	1.4564	0.17053	1.08711	8.04E-03	5.90E-03	5.85E-03	3.74E-06	6.20E-05	4.77E-07	7.90E-06	1.80E-06	2.98E-05	8.11E-03	5.91E-03	5.89E-03	1.99E-02	2.8E-06	8.5E-06	4.9E-06	3.6E-06	3.6E-06	3.2E-06	1.5E-06	9.4E-08	2.3E-06	6.2E-07	2.4E-07	1.5E-07	1.3E-07	0.0E+00	3.5E-06
329	UCART1	593847.59	4123119.92	593847.59, 4123119.92	1.16278	0.6732	1.18657	0.15287	0.92622	7.83E-03	4.98E-03	4.77E-03	3.35E-06	5.28E-05	4.27E-07	6.73E-06	1.61E-06	2.54E-05	7.89E-03	4.99E-03	4.80E-03	1.77E-02	2.7E-06	8.2E-06	4.8E-06	3.0E-06	2.9E-06	2.6E-06	1.2E-06	9.1E-08	2.2E-06	6.1E-07	2.0E-07	1.2E-07	1.0E-07	0.0E+00	3.3E-06
330	UCART1	593887.59	4123119.92	593887.59, 4123119.92	1.09428	0.56523	0.95805	0.13737	0.78357	7.37E-03	4.18E-03	3.85E-03	3.01E-06	4.47E-05	3.84E-07	5.70E-06	1.45E-06	2.15E-05	7.42E-03	4.19E-03	3.87E-03	1.55E-02	2.6E-06	7.8E-06	4.5E-06	2.5E-06	2.3E-06	2.1E-06	9.7E-07	8.6E-08	2.1E-06	5.7E-07	1.7E-07	9.9E-08	8.4E-08	0.0E+00	3.1E-06
331	UCART1	593927.59	4123119.92	593927.59, 4123119.92	1.00314	0.47346	0.77271	0.12381	0.65981	6.76E-03	3.50E-03	3.11E-03	2.71E-06	3.76E-05	3.46E-07	4.80E-06	1.30E-06	1.81E-05	6.80E-03	3.51E-03	3.13E-03	1.34E-02	2.4E-06	7.1E-06	4.1E-06	2.1E-06	1.9E-06	1.7E-06	7.8E-07	7.9E-08	1.9E-06	5.2E-07	1.4E-07	8.0E-08	6.8E-08	0.0E+00	2.8E-06
332	UCART1	593967.59	4123119.92	593967.59, 4123119.92	0.90099	0.39664	0.62567	0.11197	0.55361	6.07E-03	2.94E-03	2.51E-03	2.45E-06	3.16E-05	3.13E-07	4.02E-06	1.18E-06	1.52E-05	6.10E-03	2.94E-03	2.53E-03	1.16E-02	2.1E-06	6.4E-06	3.7E-06	1.8E-06	1.5E-06	1.4E-06	6.3E-07	7.1E-08	1.7E-06	4.7E-07	1.2E-07	6.5E-08	5.5E-08	0.0E+00	2.5E-06
333	UCART1	594007.59	4123119.92	594007.59, 4123119.92	0.7952	0.33271	0.50958	0.1016	0.46285	5.36E-03	2.46E-03	2.05E-03	2.23E-06	2.64E-05	2.84E-07	3.37E-06	1.07E-06	1.27E-05	5.38E-03	2.47E-03	2.06E-03	9.91E-03	1.9E-06	5.6E-06	3.3E-06	1.5E-06	1.2E-06	1.1E-06	5.2E-07	6.2E-08	1.5E-06	4.1E-07	1.0E-07	5.3E-08	4.5E-08	0.0E+00	2.2E-06
334	UCART1	592567.59	4123159.92	592567.59, 4123159.92	0.04115	0.05851	0.05157	0.18281	0.07696	2.77E-04	4.33E-04	2.07E-04	4.01E-06	4.39E-06	5.11E-07	5.60E-07	1.93E-06	2.11E-06	2.86E-04	4.34E-04	2.11E-04	9.31E-04	9.9E-08	3.0E-07	1.7E-07	2.6E-07	1.3E-07	1.2E-07	5.3E-08	3.3E-09	8.0E-08	2.2E-08	1.8E-08	5.4E-09	4.6E-09	0.0E+00	1.3E-07
335	UCART1	592607.59	4123159.92	592607.59, 4123159.92	0.04364	0.06331	0.05532	0.21501	0.08506	2.94E-04	4.68E-04	2.22E-04	4.71E-06	4.85E-06	6.01E-07	6.18E-07	2.27E-06	2.33E-06	3.03E-04	4.70E-04	2.27E-04	1.00E-03	1.1E-07	3.2E-07	1.8E-07	2.8E-07	1.4E-07	1.2E-07	5.7E-08	3.5E-09	8.5E-08	2.3E-08	1.9E-08	5.8E-09	4.9E-09	0.0E+00	1.4E-07
336	UCART1	592647.59	4123159.92	592647.59, 4123159.92	0.04627	0.06868	0.05944	0.25459	0.09445	3.12E-04	5.08E-04	2.39E-04	5.58E-06	5.38E-06	7.12E-07	6.87E-07	2.68E-06	2.59E-06	3.23E-04	5.10E-04	2.44E-04	1.08E-03	1.1E-07	3.4E-07	2.0E-07	3.1E-07	1.5E-07	1.3E-07	6.1E-08	3.7E-09	9.0E-08	2.5E-08	2.1E-08	6.3E-09	5.3E-09	0.0E+00	1.5E-07
337	UCART1	592687.59	4123159.92	592687.59, 4123159.92	0.04837	0.07371	0.06349	0.29464	0.10453	3.26E-04	5.45E-04	2.55E-04	6.46E-06	5.96E-06	8.24E-07	7.60E-07	3.10E-06	2.86E-06	3.38E-04	5.47E-04	2.61E-04	1.15E-03	1.2E-07	3.5E-07	2.0E-07	3.3E-07	1.6E-07	1.4E-07	6.5E-08	3.9E-09	9.4E-08	2.6E-08	2.2E-08	6.7E-09	5.7E-09	0.0E+00	1.6E-07
338	UCART1	592727.59	4123159.92	592727.59, 4123159.92	0.05151	0.08055	0.06874	0.34867	0.1177	3.47E-04	5.96E-04	2.76E-04	7.64E-06	6.71E-06	9.75E-07	8.56E-07	3.67E-06	3.23E-06	3.61E-04	5.98E-04	2.83E-04	1.24E-03	1.3E-07	3.8E-07	2.2E-07	3.6E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-09	1.0E-07	2.8E-08	2.5E-08	7.3E-09	6.2E-09	0.0E+00	1.7E-07
339	UCART1	592767.59	4123159.92	592767.59, 4123159.92	0.05521	0.0892	0.07502	0.41064	0.13413	3.72E-04	6.60E-04	3.02E-04	9.00E-06	7.65E-06	1.15E-06	9.75E-07	4.33E-06	3.68E-06	3.88E-04	6.62E-04	3.10E-04	1.36E-03	1.3E-07	4.1E-07	2.4E-07	4.0E-07	1.9E-07	1.7E-07	7.7E-08	4.5E-09	1.1E-07	3.0E-08	2.7E-08	7.9E-09	6.7E-09	0.0E+00	1.8E-07
340	UCART1	592807.59	4123159.92	592807.59, 4123159.92	0.05945	0.0997	0.08239	0.47718	0.15444	4.00E-04	7.38E-04	3.31E-04	1.05E-05	8.80E-06	1.33E-06	1.12E-06	5.03E-06	4.23E-06	4.20E-04	7.40E-04	3.40E-04	1.50E-03	1.5E-07	4.4E-07	2.5E-07	4.5E-07	2.1E-07	1.9E-07	8.5E-08	4.9E-09	1.2E-07	3.2E-08	3.0E-08	8.7E-09	7.4E-09	0.0E+00	2.0E-07
341	UCART1	592847.59	4123159.92	592847.59, 4123159.92	0.06428	0.11232	0.09106	0.56319	0.17968	4.33E-04	8.31E-04	3.66E-04	1.23E-05	1.02E-05	1.57E-06	1.31E-06	5.93E-06	4.92E-06	4.56E-04	8.34E-04	3.77E-04	1.67E-03	1.6E-07	4.8E-07	2.8E-07	5.0E-07	2.3E-07	2.1E-07	9.4E-08	5.3E-09	1.3E-07	3.5E-08	3.4E-08	9.7E-09	8.2E-09	0.0E+00	2.2E-07
342	UCART1	592887.59	4123159.92	592887.59, 4123159.92	0.07	0.12793	0.10152	0.69827	0.21191	4.71E-04	9.47E-04	4.08E-04	1.53E-05	1.21E-05	1.95E-06	1.54E-06	7.36E-06	5.81E-06	4.99E-04	9.50E-04	4.21E-04	1.87E-03	1.7E-07	5.2E-07	3.0E-07	5.7E-07	2.5E-07	2.3E-07	1.1E-07	5.8E-09	1.4E-07	3.8E-08	3.9E-08	1.1E-08	9.2E-09	0.0E+00	2.4E-07
343	UCART1	592927.59	4123159.92	592927.59, 4123159.92	0.077	0.14662	0.11426	0.86809	0.25339	5.19E-04	1.08E-03	4.59E-04	1.90E-05	1.44E-05	2.43E-06	1.84E-06	9.15E-06	6.94E-06	5.52E-04	1.09E-03	4.75E-04	2.12E-03	1.9E-07	5.8E-07	3.3E-07	6.6E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	1.5E-07	4.3E-08	4.5E-08	1.2E-08	1.0E-08	0.0E+00	2.7E-07
344	UCART1	592967.59	4123159.92	592967.59, 4123159.92	0.08509	0.16973	0.12999	1.01544	0.30822	5.73E-04	1.26E-03	5.23E-04	2.23E-05	1.76E-05	2.84E-06	2.24E-06	1.07E-05	8.45E-06	6.13E-04	1.26E-03	5.42E-04	2.42E-03	2.1E-07	6.4E-07	3.7E-07	7.6E-07	3.3E-07	3.0E-07	1.4E-07	7.1E-09	1.7E-07	4.7E-08	5.2E-08	1.4E-08	1.2E-08	0.0E+00	3.0E-07
345	UCART1	593007.59	4123159.92	593007.59, 4123159.92	0.09486	0.19928	0.14976	1.10361	0.3839	6.39E-04	1.47E-03	6.02E-04	2.42E-05	2.19E-05	3.08E-06	2.79E-06	1.16E-05	1.05E-05	6.85E-04	1.48E-03	6.24E-04	2.79E-03	2.4E-07	7.2E-07	4.1E-07	9.0E-07	3.8E-07	3.4E-07	1.6E-07	7.9E-09	1.9E-07	5.3E-08	6.1E-08	1.6E-08	1.4E-08	0.0E+00	3.4E-07
346	UCART1	593047.59	4123159.92	593047.59, 4123159.92	0.10571	0.23655	0.17355	1.12785	0.48793	7.12E-04	1.75E-03	6.98E-04	2.47E-05	2.78E-05	3.15E-06	3.55E-06	1.19E-05	1.34E-05	7.64E-04	1.76E-03	7.23E-04	3.24E-03	2.6E-07	8.0E-07	4.6E-07	1.1E-06	4.4E-07	4.0E-07	1.8E-07	8.8E-09	2.1E-07	5.9E-08	7.2E-08	1.9E-08	1.6E-08	0.0E+00	3.9E-07
347	UCART1	593087.59	4123159.92	593087.59, 4123159.92	0.11926	0.28567	0.20509	1.10835	0.63824	8.03E-04	2.11E-03	8.24E-04	2.43E-05	3.64E-05	3.10E-06	4.64E-06	1.17E-05	1.75E-05	8.64E-04	2.12E-03	8.54E-04	3.84E-03	3.0E-07	9.0E-07	5.2E-07	1.3E-06	5.2E-07	4.7E-07	2.1E-07	1.0E-08	2.4E-07	6.7E-08	8.7E-08	2.2E-08	1.9E-08	0.0E+00	4.5E-07
348	UCART1	593127.59	4123159.92	593127.59, 4123159.92	0.13691	0.35032	0.24672	1.05909	0.85552	9.22E-04	2.59E-03	9.92E-04	2.32E-05	4.88E-05	2.96E-06	6.22E-06	1.12E-05	2.34E-05	9.94E-04	2.60E-03	1.03E-03	4.62E-03	3.4E-07	1.0E-06	6.0E-07	1.6E-06	6.2E-07	5.6E-07	2.6E-07	1.1E-08	2.8E-07	7.7E-08	1.1E-07	2.6E-08	2.2E-08	0.0E+00	5.2E-07
349	UCART1	593167.59	4123159.92	593167.59, 4123159.92	0.15861	0.43718	0.30474	0.99387	1.20347	1.07E-03	3.24E-03	1.22E-03	2.18E-05	6.86E-05	2.78E-06	8.75E-06	1.05E-05	3.30E-05	1.16E-03	3.25E-03	1.27E-03	5.67E-03	4.0E-07	1.2E-06	7.0E-07	2.0E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-08	3.2E-07	8.9E-08	1.3E-07	3.3E-08	2.8E-08	0.0E+00	6.2E-07
350	UCART1	593207.59	4123159.92	593207.59, 4123159.92	0.18422	0.54985	0.38297	0.91945	1.7771	1.24E-03	4.07E-03	1.54E-03	2.01E-05	1.01E-04	2.57E-06	1.29E-05	9.69E-06	4.87E-05	1.36E-03	4.08E-03	1.60E-03	7.04E-03	4.7E-07	1.4E-06	8.2E-07	2.5E-06	9.7E-07	8.8E-07	4.0E-07	1.6E-08	3.8E-07	1.0E-07	1.7E-07	4.1E-08	3.5E-08	0.0E+00	7.4E-07
351	UCART1	593247.59	4123159.92	593247.59, 4123159.92	0.21635	0.69313	0.49247	0.84194	2.3974	1.46E-03	5.13E-03	1.98E-03	1.85E-05	1.37E-04	2.35E-06	1.74E-05	8.87E-06	6.57E-05	1.61E-03	5.15E-03	2.05E-03	8.82E-03	5.6E-07	1.7E-06	9.8E-07	3.1E-06	1.2E-06	1.1E-06	5.1E-07	1.9E-08	4.5E-07	1.2E-07	2.1E-07	5.3E-08	4.5E-08	0.0E+00	9.0E-07
352	UCART1	593287.59	4123159.92	593287.59, 4123159.92	0.25304	0.84911	0.63492	0.76341	2.78414	1.70E-03	6.28E-03	2.55E-03	1.67E-05	1.59E-04	2.13E-06	2.02E-05	8.04E-06	7.63E-05	1.88E-03	6.31E-03	2.64E-03	1.08E-02	6.5E-07	2.0E-06	1.1E-06	3.8E-06	1.6E-06	1.4E-06	6.6E-07	2.2E-08	5.2E-07	1.4E-07	2.6E-07	6.8E-08	5.7E-08	0.0E+00	1.1E-06
353	UCART1	593327.59	4123159.92	593327.59, 4123159.92	0.29821	1.01052	0.83118	0.68744	2.95706	2.01E-03	7.48E-03	3.34E-03	1.51E-05	1.69E-04	1.92E-06	2.15E-05	7.24E-06	8.10E-05	2.19E-03	7.50E-03	3.43E-03	1.31E-02	7.6E-07	2.3E-06	1.3E-06	4.5E-06	2.1E-06	1.9E-06	8.6E-07	2.5E-08	6.1E-07	1.7E-07	3.1E-07	8.8E-08	7.5E-08	0.0E+00	1.3E-06
354	UCART1	593367.59	4123159.92	593367.59, 4123159.92	0.35071	1.23453	1.07293	0.61496	3.00364	2.36E-03	9.14E-03	4.31E-03	1.35E-05	1.71E-04	1.72E-06	2.18E-05	6.48E-06	8.23E-05	2.55E-03	9.16E-03	4.40E-03	1.61E-02	8.8E-07	2.7E-06	1.5E-06	5.5E-06	2.7E-06	2.4E-06	1.1E-06	2.9E-08	7.1E-07	2.0E-07	3.8E-07	1.1E-07	9.6E-08	0.0E+00	1.5E-06
355	UCART1	593407.59	4123159.92	593407.59, 4123159.92	0.41601	1.64291	1.39452	0.54769	2.99352	2.80E-03	1.22E-02	5.61E-03	1.20E-05	1.71E-04	1.53E-06	2.18E-05	5.77E-06	8.20E-05	2.98E-03	1.22E-02	5.69E-03	2.09E-02	1.0E-06	3.1E-06	1.8E-06	7.4E-06	3.4E-06	3.1E-06	1.4E-06	3.4E-08	8.3E-07	2.3E-07	5.0E-07	1.5E-07	1.2E-07	0.0E+00	1.9E-06
356	UCART1	593447.59	4123159.92	593447.59, 4123159.92	0.49861	2.10214	1.87207	0.48528	2.95321	3.36E-03	1.56E-02	7.53E-03	1.06E-05	1.68E-04	1.36E-06	2.15E-05	5.11E-06	8.09E-05	3.54E-03	1.56E-02	7.61E-03	2.67E-02	1.2E-06	3.7E-06	2.1E-06	9.4E-06	4.6E-06	4.2E-06	1.9E-06	4.1E-08	9.9E-07	2.7E-07	6.4E-07	2.0E-07	1.7E-07	0.0E+00	2.3E-06
357	UCART1	593487.59	4123159.92	593487.59, 4123159.92	0.60722	2.36102	2.50086	0.42868	2.90679	4.09E-03	1.75E-02	1.01E-02	9.39E-06	1.66E-04	1.20E-06	2.11E-05	4.52E-06	7.97E-05	4.26E-03	1.75E-02	1.01E-02	3.19E-02	1.5E-06	4.5E-06	2.6E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	4.9E-08	1.2E-06	3.3E-07	7.2E-07	2.6E-07	2.2E-07	0.0E+00	2.8E-06
358	UCART1	593527.59	4123159.92	593527.59, 4123159.92	0.74703	2.35273	3.13603	0.37791	2.84865	5.03E-03	1.74E-02	1.26E-02	8.28E-06	1.62E-04	1.06E-06	2.07E-05	3.98E-06	7.81E-05	5.20E-03	1.74E-02	1.27E-02	3.53E-02	1.8E-06	5.4E-06	3.1E-06	1.1E-05	7.7E-06	7.0E-06	3.2E-06	6.0E-08	1.5E-06	4.0E-07	7.2E-07	3.3E-07	2.8E-07	0.0E+00	3.2E-06
359	UCART1	593567.59	4123159.92	593567.59, 4123159.92	0.91739	2.16313	3.61172	0.33303	2.76816	6.18E-03	1.60E-02	1.45E-02	7.30E-06	1.58E-04	9.31E-07	2.01E-05	3.51E-06	7.59E-05	6.34E-03	1.60E-02	1.46E-02	3.70E-02	2.2E-06	6.6E-06	3.8E-06	9.7E-06	8.8E-06	8.0E-06	3.7E-06	7.3E-08	1.8E-06	4.9E-07	6.6E-07	3.7E-07	3.2E-07	0.0E+00	3.7E-06
360	UCART1	593607.59	4123159.92	593607.59, 4123159.92	1.12318	1.89054	3.75865	0.29298	2.64616	7.56E-03	1.40E-02	1.51E-02	6.42E-06	1.51E-04	8.19E-07	1.92E-05	3.09E-06	7.25E-05	7.72E-03	1.40E-02	1.52E-02	3.69E-02	2.7E-06	8.1E-06	4.7E-06	8.5E-06	9.2E-06	8.3E-06	3.8E-06	8.9E-08	2.2E-06	5.9E-07	5.8E-07	3.9E-07	3.3E-07	0.0E+00	4.1E-06
361	UCART1	593647.59	4123159.92	593647.59, 4123159.92	1.3727	1.60818	3.52715	0.25798	2.47542	9.25E-03	1.19E-02	1.42E-02	5.65E-06	1.41E-04	7.21E-07	1.80E-05	2.72E-06	6.78E-05	9.39E-03	1.19E-02	1.42E-02	3.56E-02	3.3E-06	9.8E-06	5.7E-06	7.2E-06	8.6E-06	7.8E-06	3.6E-06	1.1E-07	2.6E-06	7.2E-07	4.9E-07	3.7E-07	3.1E-07	0.0E+00	4.6E-06
362	UCART1	593687.59	4123159.92	593687.59, 4123159.92	1.59473	1.34706	3.02595	0.22754	2.21541	1.07E-02	9.97E-03	1.22E-02	4.99E-06	1.26E-04	6.36E-07	1.61E-05	2.40E-06	6.07E-05	1.09E-02	9.98E-03	1.22E-02	3.31E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	7.4E-06	6.7E-06	3.1E-06	1.3E-07	3.0E-06	8.4E-07	4.1E-07	3.1E-07	2.7E-07	0.0E+00	5.0E-06
363	UCART1	593727.59	4123159.92	593727.59, 4123159.92	1.70904	1.11771	2.44405	0.20114	1.86681	1.15E-02	8.27E-03	9.82E-03	4.41E-06	1.06E-04	5.62E-07	1.36E-05	2.12E-06	5.12E-05	1.16E-02	8.29E-03	9.88E-03	2.98E-02	4.0E-06	1.2E-05	7.0E-06	5.0E-06	6.0E-06	5.4E-06	2.5E-06	1.3E-07	3.2E-06	9.0E-07	3.4E-07	2.5E-07	2.2E-07	0.0E+00	5.1E-06
364	UCART1	593767.59	4123159.92	593767.59, 4123159.92	1.70308	0.92169	1.91025	0.17832	1.52436	1.15E-02	6.82E-03	7.68E-03	3.91E-06	8.69E-05	4.98E-07	1.11E-05	1.88E-06	4.18E-05	1.16E-02	6.83E-03	7.72E-03	2.61E-02	4.0E-06	1.2E-05	7.0E-06	4.1E-06	4.7E-06	4.2E-06	1.9E-06	1.3E-07	3.2E-06	8.9E-07	2.8E-07	2.0E-07	1.7E-07	0.0E+00	4.9E-06
365	UCART1	593807.59	4123159.92	593807.59, 4123159.92	1.61421	0.75722	1.47372	0.15863	1.23961	1.09E-02	5.60E-03	5.92E-03	3.48E-06	7.07E-05	4.43E-07	9.01E-06	1.67E-06	3.40E-05	1.09E-02	5.61E-03	5.96E-03	2.25E-02	3.8E-06	1.1E-05	6.6E-06	3.4E-06	3.6E-06	3.3E-06	1.5E-06	1.3E-07	3.1E-06	8.4E-07	2.3E-07	1.5E-07	1.3E-07	0.0E+00	4.5E-06
366	UCART1	593847.59	4123159.92	593847.59, 4123159.92	1.47821	0.62103	1.13609	0.14166	1.01055	9.96E-03	4.60E-03	4.57E-03	3.10E-06	5.76E-05	3.96E-07	7.35E-06	1.49E-06	2.77E-05	1.00E-02	4.60E-03	4.60E-03	1.92E-02	3.5E-06	1.0E-05	6.1E-06	2.8E-06	2.8E-06	2.5E-06	1.2E-06	1.2E-07	2.8E-06	7.7E-07	1.9E-07	1.2E-07	1.0E-07	0.0E+00	4.1E-06
367	UCART1	593887.59	4123159.92	593887.59, 4123159.92	1.3177	0.50909	0.88091	0.12695	0.82398	8.87E-03	3.77E-03	3.54E-03	2.78E-06	4.70E-05	3.55E-07	5.99E-06	1.34E-06	2.26E-05	8.92E-03	3.77E-03	3.56E-03	1.63E-02	3.1E-06	9.3E-06	5.4E-06	2.3E-06	2.2E-06	2.0E-06	8.9E-07	1.0E-07	2.5E-06	6.9E-07	1.6E-07	9.2E-08	7.8E-08	0.0E+00	3.6E-06
368	UCART1	593927.59	4123159.92	593927.59, 4123159.92	1.15026	0.41835	0.69044	0.11423	0.67046	7.75E-03	3.10E-03	2.78E-03	2.50E-06	3.82E-05	3.19E-07	4.87E-06	1.20E-06	1.84E-05	7.79E-03	3.10E-03	2.79E-03	1.37E-02	2.7E-06	8.1E-06	4.7E-06	1.9E-06	1.7E-06	1.5E-06	7.0E-07	9.0E-08	2.2E-06	6.0E-07	1.3E-07	7.2E-08	6.1E-08	0.0E+00	3.1E-06
369	UCART1	593967.59	4123159.92	593967.59, 4123159.92	0.98799	0.34545	0.54823	0.10321	0.54457	6.65E-03	2.56E-03	2.20E-03	2.26E-06	3.10E-05	2.88E-07	3.96E-06	1.09E-06	1.49E-05	6.69E-03	2.56E-03	2.22E-03	1.15E-02	2.3E-06	7.0E-06	4.0E-06	1.5E-06	1.3E-06	1.2E-06	5.6E-07	7.7E-08	1.9E-06	5.2E-07	1.1E-07	5.7E-08	4.8E-08	0.0E+00	2.7E-06
370	UCART1	594007.59	4123159.92	594007.59, 4123159.92	0.83825	0.28712	0.44118	0.09362	0.44231	5.65E-03	2.12E-03	1.77E-03	2.05E-06	2.52E-05	2.62E-07	3.22E-06	9.86E-07	1.21E-05	5.67E-03	2.13E-03	1.79E-03	9.59E-03	2.0E-06	5.9E-06	3.4E-06	1.3E-06	1.1E-06	9.8E-07	4.5E-07	6.6E-08	1.6E-06	4.4E-07	8.7E-08	4.6E-08	3.9E-08	0.0E+00	2.3E-06
371	UCART1	592567.59	4123199.92	592567.59, 4123199.92	0.04328	0.06177	0.0545	0.21675	0.08331	2.91E-04	4.57E-04	2.19E-04	4.75E-06	4.75E-06	6.06E-07	6.06E-07	2.28E-06	2.28E-06	3.01E-04	4.58E-04	2.24E-04	9.83E-04	1.0E-07	3.1E-07	1.8E-07	2.8E-07	1.4E-07	1.2E-07	5.6E-08	3.5E-09	8.4E-08	2.3E-08	1.9E-08	5.7E-09	4.9E-09	0.0E+00	1.4E-07
372	UCART1	592607.59	4123199.92	592607.59, 4123199.92	0.04601	0.06713	0.0586	0.26254	0.09274	3.10E-04	4.97E-04	2.36E-04	5.75E-06	5.29E-06	7.34E-07	6.74E-07	2.77E-06	2.54E-06	3.21E-04	4.98E-04	2.41E-04	1.06E-03	1.1E-07	3.4E-07	1.9E-07	3.0E-07	1.5E-07	1.3E-07	6.0E-08	3.7E-09	9.0E-08	2.5E-08	2.0E-08	6.2E-09	5.2E-09	0.0E+00	1.5E-07
373	UCART1	592647.59	4123199.92	592647.59, 4123199.92	0.04906	0.07329	0.06328	0.32263	0.10406	3.30E-04	5.42E-04	2.54E-04	7.07E-06	5.93E-06	9.02E-07	7.57E-07	3.40E-06	2.85E-06	3.43E-04	5.44E-04	2.61E-04	1.15E-03	1.2E-07	3.6E-07	2.1E-07	3.3E-07	1.6E-07	1.4E-07	6.5E-08	4.0E-09	9.6E-08	2.6E-08	2.2E-08	6.7E-09	5.7E-09	0.0E+00	1.6E-07
374	UCART1	592687.59	4123199.92	592687.59, 4123199.92	0.052	0.07997	0.06842	0.39746	0.11704	3.50E-04	5.92E-04	2.75E-04	8.71E-06	6.67E-06	1.11E-06	8.51E-07	4.19E-06	3.21E-06	3.66E-04	5.94E-04	2.82E-04	1.24E-03	1.3E-07	3.8E-07	2.2E-07	3.6E-07	1.7E-07	1.5E-07	7.1E-08	4.2E-09	1.0E-07	2.8E-08	2.4E-08	7.3E-09	6.2E-09	0.0E+00	1.7E-07
375	UCART1	592727.59	4123199.92	592727.59, 4123199.92	0.05519	0.08735	0.07413	0.48721	0.13259	3.72E-04	6.46E-04	2.98E-04	1.07E-05	7.56E-06	1.36E-06	9.64E-07	5.13E-06	3.63E-06	3.90E-04	6.49E-04	3.07E-04	1.35E-03	1.3E-07	4.1E-07	2.4E-07	3.9E-07	1.9E-07	1.7E-07	7.7E-08	4.5E-09	1.1E-07	3.0E-08	2.7E-08	7.9E-09	6.7E-09	0.0E+00	1.8E-07
376	UCART1	592767.59	4123199.92	592767.59, 4123199.92	0.05939	0.09717	0.08123	0.60632	0.15301	4.00E-04	7.19E-04	3.27E-04	1.33E-05	8.72E-06	1.69E-06	1.11E-06	6.39E-06	4.19E-06	4.22E-04	7.22E-04	3.37E-04	1.48E-03	1.5E-07	4.4E-07	2.6E-07	4.4E-07	2.0E-07	1.8E-07	8.4E-08	4.9E-09	1.2E-07	3.3E-08	3.0E-08	8.7E-09	7.3E-09	0.0E+00	2.0E-07
377	UCART1	592807.59	4123199.92	592807.59, 4123199.92	0.06425	0.10925	0.08967	0.74159	0.17883	4.33E-04	8.08E-04	3.60E-04	1.63E-05	1.02E-05	2.07E-06	1.30E-06	7.81E-06	4.90E-06	4.59E-04	8.12E-04	3.73E-04	1.64E-03	1.6E-07	4.8E-07	2.8E-07	4.9E-07	2.3E-07	2.0E-07	9.3E-08	5.3E-09	1.3E-07	3.5E-08	3.3E-08	9.6E-09	8.1E-09	0.0E+00	2.2E-07
378	UCART1	592847.59	4123199.92	592847.59, 4123199.92	0.07023	0.12449	0.09994	0.95513	0.21245	4.73E-04	9.21E-04	4.02E-04	2.09E-05	1.21E-05	2.67E-06	1.54E-06	1.01E-05	5.82E-06	5.06E-04	9.25E-04	4.18E-04	1.85E-03	1.8E-07	5.3E-07	3.1E-07	5.6E-07	2.5E-07	2.3E-07	1.0E-07	5.8E-09	1.4E-07	3.9E-08	3.8E-08	1.1E-08	9.1E-09	0.0E+00	2.4E-07
379	UCART1	592887.59	4123199.92	592887.59, 4123199.92	0.07699	0.14271	0.1121	1.27196	0.2556	5.19E-04	1.06E-03	4.51E-04	2.79E-05	1.46E-05	3.56E-06	1.86E-06	1.34E-05	7.00E-06	5.61E-04	1.06E-03	4.71E-04	2.09E-03	1.9E-07	5.9E-07	3.4E-07	6.4E-07	2.8E-07	2.6E-07	1.2E-07	6.5E-09	1.6E-07	4.3E-08	4.4E-08	1.2E-08	1.0E-08	0.0E+00	2.7E-07
380	UCART1	592927.59	4123199.92	592927.59, 4123199.92	0.08504	0.16558	0.12713	1.54595	0.31333	5.73E-04	1.23E-03	5.11E-04	3.39E-05	1.79E-05	4.32E-06	2.28E-06	1.63E-05	8.59E-06	6.24E-04	1.23E-03	5.36E-04	2.39E-03	2.2E-07	6.5E-07	3.8E-07	7.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	4.8E-08	5.1E-08	1.4E-08	1.2E-08	0.0E+00	3.1E-07
381	UCART1	592967.59	4123199.92	592967.59, 4123199.92	0.09478	0.19484	0.14592	1.66579	0.39457	6.38E-04	1.44E-03	5.87E-04	3.65E-05	2.25E-05	4.66E-06	2.87E-06	1.76E-05	1.08E-05	6.97E-04	1.45E-03	6.15E-04	2.76E-03	2.4E-07	7.3E-07	4.2E-07	8.8E-07	3.7E-07	3.4E-07	1.5E-07	8.1E-09	1.9E-07	5.4E-08	6.0E-08	1.6E-08	1.3E-08	0.0E+00	3.5E-07
382	UCART1	593007.59	4123199.92	593007.59, 4123199.92	0.10596	0.23226	0.16922	1.65143	0.5133	7.14E-04	1.72E-03	6.80E-04	3.62E-05	2.93E-05	4.62E-06	3.73E-06	1.74E-05	1.41E-05	7.79E-04	1.73E-03	7.12E-04	3.22E-03	2.7E-07	8.1E-07	4.7E-07	1.0E-06	4.3E-07	3.9E-07	1.8E-07	9.0E-09	2.2E-07	6.0E-08	7.1E-08	1.8E-08	1.6E-08	0.0E+00	3.9E-07
383	UCART1	593047.59	4123199.92	593047.59, 4123199.92	0.12	0.28251	0.19991	1.56491	0.70294	8.08E-04	2.09E-03	8.04E-04	3.43E-05	4.01E-05	4.37E-06	5.11E-06	1.65E-05	1.93E-05	8.83E-04	2.10E-03	8.39E-04	3.82E-03	3.1E-07	9.2E-07	5.3E-07	1.3E-06	5.1E-07	4.6E-07	2.1E-07	1.0E-08	2.5E-07	6.8E-08	8.6E-08	2.2E-08	1.8E-08	0.0E+00	4.5E-07
384	UCART1	593087.59	4123199.92	593087.59, 4123199.92	0.13708	0.35089	0.24008	1.44414	1.0225	9.23E-04	2.60E-03	9.65E-04	3.16E-05	5.83E-05	4.04E-06	7.43E-06	1.52E-05	2.80E-05	1.01E-03	2.61E-03	1.01E-03	4.63E-03	3.5E-07	1.1E-06	6.1E-07	1.6E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	7.8E-08	1.1E-07	2.6E-08	2.2E-08	0.0E+00	5.3E-07
385	UCART1	593127.59	4123199.92	593127.59, 4123199.92	0.1573	0.44488	0.29296	1.31229	1.59473	1.06E-03	3.29E-03	1.18E-03	2.88E-05	9.09E-05	3.67E-06	1.16E-05	1.38E-05	4.37E-05	1.18E-03	3.31E-03	1.24E-03	5.72E-03	4.1E-07	1.2E-06	7.1E-07	2.0E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.3E-07	9.1E-08	1.4E-07	3.2E-08	2.7E-08	0.0E+00	6.3E-07
386	UCART1	593167.59	4123199.92	593167.59, 4123199.92	0.18488	0.58428	0.37122	1.18394	2.87166	1.25E-03	4.32E-03	1.49E-03	2.59E-05	1.64E-04	3.31E-06	2.09E-05	1.25E-05	7.87E-05	1.43E-03	4.35E-03	1.58E-03	7.37E-03	5.0E-07	1.5E-06	8.7E-07	2.6E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-08	4.0E-07	1.1E-07	1.8E-07	4.1E-08	3.4E-08	0.0E+00	7.8E-07
387	UCART1	593207.59	4123199.92	593207.59, 4123199.92	0.21877	0.78845	0.48212	1.05988	4.81444	1.47E-03	5.83E-03	1.94E-03	2.32E-05	2.74E-04	2.96E-06	3.50E-05	1.12E-05	1.32E-04	1.77E-03	5.87E-03	2.08E-03	9.72E-03	6.1E-07	1.9E-06	1.1E-06	3.6E-06	1.3E-06	1.1E-06	5.2E-07	2.0E-08	4.9E-07	1.4E-07	2.4E-07	5.3E-08	4.5E-08	0.0E+00	9.9E-07
388	UCART1	593247.59	4123199.92	593247.59, 4123199.92	0.26269	1.09124	0.64892	0.94283	5.6692	1.77E-03	8.08E-03	2.61E-03	2.07E-05	3.23E-04	2.64E-06	4.12E-05	9.93E-06	1.55E-04	2.11E-03	8.12E-03	2.77E-03	1.30E-02	7.3E-07	2.2E-06	1.3E-06	4.9E-06	1.7E-06	1.5E-06	6.9E-07	2.4E-08	5.9E-07	1.6E-07	3.3E-07	7.1E-08	6.0E-08	0.0E+00	1.2E-06
389	UCART1	593287.59	4123199.92	593287.59, 4123199.92	0.31563	1.48743	0.89885	0.83305	5.81429	2.13E-03	1.10E-02	3.61E-03	1.83E-05	3.31E-04	2.33E-06	4.23E-05	8.78E-06	1.59E-04	2.48E-03	1.11E-02	3.78E-03	1.73E-02	8.6E-07	2.6E-06	1.5E-06	6.7E-06	2.3E-06	2.1E-06	9.5E-07	2.9E-08	6.9E-07	1.9E-07	4.5E-07	9.7E-08	8.2E-08	0.0E+00	1.6E-06
390	UCART1	593327.59	4123199.92	593327.59, 4123199.92	0.3827	1.97997	1.2908	0.7325	5.76142	2.58E-03	1.47E-02	5.19E-03	1.61E-05	3.28E-04	2.05E-06	4.19E-05	7.72E-06	1.58E-04	2.92E-03	1.47E-02	5.35E-03	2.30E-02	1.0E-06	3.1E-06	1.8E-06	8.9E-06	3.2E-06	2.9E-06	1.3E-06	3.4E-08	8.2E-07	2.3E-07	6.0E-07	1.4E-07	1.2E-07	0.0E+00	1.9E-06
391	UCART1	593367.59	4123199.92	593367.59, 4123199.92	0.46485	2.84452	1.84584	0.64124	5.65035	3.13E-03	2.10E-02	7.42E-03	1.41E-05	3.22E-04	1.79E-06	4.11E-05	6.76E-06	1.55E-04	3.47E-03	2.11E-02	7.58E-03	3.21E-02	1.2E-06	3.6E-06	2.1E-06	1.3E-05	4.6E-06	4.2E-06	1.9E-06	4.0E-08	9.7E-07	2.7E-07	8.7E-07	1.9E-07	1.7E-07	0.0E+00	2.5E-06
392	UCART1	593407.59	4123199.92	593407.59, 4123199.92	0.57131	3.83684	2.72873	0.55896	5.52608	3.85E-03	2.84E-02	1.10E-02	1.22E-05	3.15E-04	1.56E-06	4.02E-05	5.89E-06	1.51E-04	4.17E-03	2.84E-02	1.11E-02	4.37E-02	1.4E-06	4.4E-06	2.5E-06	1.7E-05	6.7E-06	6.1E-06	2.8E-06	4.8E-08	1.2E-06	3.2E-07	1.2E-06	2.9E-07	2.4E-07	0.0E+00	3.2E-06
393	UCART1	593447.59	4123199.92	593447.59, 4123199.92	0.71847	4.12554	4.09641	0.48598	5.41728	4.84E-03	3.05E-02	1.65E-02	1.06E-05	3.09E-04	1.36E-06	3.94E-05	5.12E-06	1.48E-04	5.16E-03	3.06E-02	1.66E-02	5.23E-02	1.8E-06	5.4E-06	3.1E-06	1.8E-05	1.0E-05	9.1E-06	4.2E-06	6.0E-08	1.4E-06	4.0E-07	1.3E-06	3.6E-07	3.0E-07	0.0E+00	3.9E-06
394	UCART1	593487.59	4123199.92	593487.59, 4123199.92	0.92625	3.75593	5.45124	0.42177	5.33284	6.24E-03	2.78E-02	2.19E-02	9.24E-06	3.04E-04	1.18E-06	3.88E-05	4.44E-06	1.46E-04	6.55E-03	2.78E-02	2.21E-02	5.64E-02	2.3E-06	6.8E-06	4.0E-06	1.6E-05	1.3E-05	1.2E-05	5.6E-06	7.6E-08	1.8E-06	5.0E-07	1.1E-06	3.7E-07	3.1E-07	0.0E+00	4.6E-06
395	UCART1	593527.59	4123199.92	593527.59, 4123199.92	1.22358	3.16786	6.41818	0.36632	5.23302	8.24E-03	2.34E-02	2.58E-02	8.03E-06	2.98E-04	1.02E-06	3.80E-05	3.86E-06	1.43E-04	8.55E-03	2.35E-02	2.59E-02	5.80E-02	3.0E-06	8.9E-06	5.2E-06	1.4E-05	1.6E-05	1.4E-05	6.5E-06	9.9E-08	2.4E-06	6.6E-07	9.6E-07	6.7E-07	5.7E-07	0.0E+00	5.3E-06
396	UCART1	593567.59	4123199.92	593567.59, 4123199.92	1.59797	2.58229	6.67775	0.31837	5.08632	1.08E-02	1.91E-02	2.68E-02	6.98E-06	2.90E-04	8.90E-07	3.70E-05	3.35E-06	1.39E-04	1.11E-02	1.91E-02	2.70E-02	5.72E-02	3.8E-06	1.2E-05	6.7E-06	1.2E-05	1.6E-05	1.5E-05	6.8E-06	1.3E-07	3.1E-06	8.5E-07	7.9E-07	6.9E-07	5.9E-07	0.0E+00	6.1E-06
397	UCART1	593607.59	4123199.92	593607.59, 4123199.92	2.11206	2.07689	6.05436	0.27688	4.81856	1.42E-02	1.54E-02	2.43E-02	6.07E-06	2.75E-04	7.74E-07	3.50E-05	2.92E-06	1.32E-04	1.45E-02	1.54E-02	2.45E-02	5.44E-02	5.0E-06	1.5E-05	8.8E-06	9.3E-06	1.5E-05	1.3E-05	6.1E-06	1.7E-07	4.1E-06	1.1E-06	6.3E-07	6.3E-07	5.3E-07	0.0E+00	7.1E-06
398	UCART1	593647.59	4123199.92	593647.59, 4123199.92	2.58523	1.66357	4.81257	0.24148	4.24388	1.74E-02	1.23E-02	1.93E-02	5.29E-06	2.42E-04	6.75E-07	3.09E-05	2.54E-06	1.16E-04	1.77E-02	1.23E-02	1.95E-02	4.95E-02	6.1E-06	1.8E-05	1.1E-05	7.5E-06	1.2E-05	1.1E-05	4.9E-06	2.0E-07	4.9E-06	1.4E-06	5.1E-07	5.0E-07	4.2E-07	0.0E+00	7.9E-06
399	UCART1	593687.59	4123199.92	593687.59, 4123199.92	2.76818	1.33098	3.5516	0.21144	3.24255	1.86E-02	9.85E-03	1.43E-02	4.63E-06	1.85E-04	5.91E-07	2.36E-05	2.23E-06	8.89E-05	1.88E-02	9.87E-03	1.44E-02	4.31E-02	6.5E-06	2.0E-05	1.1E-05	6.0E-06	8.7E-06	7.9E-06	3.6E-06	2.2E-07	5.3E-06	1.5E-06	4.1E-07	3.7E-07	3.1E-07	0.0E+00	8.0E-06
400	UCART1	593727.59	4123199.92	593727.59, 4123199.92	2.64126	1.06191	2.54723	0.1858	2.36833	1.78E-02	7.86E-03	1.02E-02	4.07E-06	1.35E-04	5.19E-07	1.72E-05	1.96E-06	6.49E-05	1.79E-02	7.88E-03	1.03E-02	3.61E-02	6.2E-06	1.9E-05	1.1E-05	4.8E-06	6.2E-06	5.7E-06	2.6E-06	2.1E-07	5.0E-06	1.4E-06	3.2E-07	2.6E-07	2.2E-07	0.0E+00	7.4E-06
401	UCART1	593767.59	4123199.92	593767.59, 4123199.92	2.37604	0.84655	1.82601	0.16398	1.77671	1.60E-02	6.26E-03	7.34E-03	3.59E-06	1.01E-04	4.58E-07	1.29E-05	1.73E-06	4.87E-05	1.61E-02	6.28E-03	7.39E-03	2.98E-02	5.6E-06	1.7E-05	9.7E-06	3.8E-06	4.5E-06	4.1E-06	1.8E-06	1.9E-07	4.5E-06	1.2E-06	2.6E-07	1.9E-07	1.6E-07	0.0E+00	6.5E-06
402	UCART1	593807.59	4123199.92	593807.59, 4123199.92	2.08069	0.67579	1.32705	0.14543	1.37175	1.40E-02	5.00E-03	5.33E-03	3.19E-06	7.82E-05	4.07E-07	9.97E-06	1.53E-06	3.76E-05	1.41E-02	5.01E-03	5.37E-03	2.45E-02	4.9E-06	1.5E-05	8.5E-06	3.0E-06	3.3E-06	2.9E-06	1.3E-06	1.6E-07	3.9E-06	1.1E-06	2.1E-07	1.4E-07	1.2E-07	0.0E+00	5.6E-06
403	UCART1	593847.59	4123199.92	593847.59, 4123199.92	1.78492	0.54125	0.98324	0.12959	1.07236	1.20E-02	4.01E-03	3.95E-03	2.84E-06	6.11E-05	3.62E-07	7.80E-06	1.37E-06	2.94E-05	1.21E-02	4.01E-03	3.98E-03	2.01E-02	4.2E-06	1.3E-05	7.3E-06	2.4E-06	2.4E-06	2.2E-06	1.0E-06	1.4E-07	3.4E-06	9.3E-07	1.6E-07	1.0E-07	8.7E-08	0.0E+00	4.8E-06
404	UCART1	593887.59	4123199.92	593887.59, 4123199.92	1.50319	0.43616	0.74445	0.11605	0.83869	1.01E-02	3.23E-03	2.99E-03	2.54E-06	4.78E-05	3.24E-07	6.10E-06	1.22E-06	2.30E-05	1.02E-02	3.23E-03	3.02E-03	1.64E-02	3.5E-06	1.1E-05	6.2E-06	2.0E-06	1.8E-06	1.7E-06	7.5E-07	1.2E-07	2.8E-06	7.8E-07	1.3E-07	7.7E-08	6.6E-08	0.0E+00	4.0E-06
405	UCART1	593927.59	4123199.92	593927.59, 4123199.92	1.24663	0.3545	0.576	0.10442	0.65482	8.40E-03	2.62E-03	2.32E-03	2.29E-06	3.73E-05	2.92E-07	4.76E-06	1.10E-06	1.79E-05	8.44E-03	2.63E-03	2.33E-03	1.34E-02	2.9E-06	8.8E-06	5.1E-06	1.6E-06	1.4E-06	1.3E-06	5.8E-07	9.8E-08	2.4E-06	6.5E-07	1.1E-07	6.0E-08	5.1E-08	0.0E+00	3.3E-06
406	UCART1	593967.59	4123199.92	593967.59, 4123199.92	1.02294	0.29115	0.45489	0.09441	0.51237	6.89E-03	2.15E-03	1.83E-03	2.07E-06	2.92E-05	2.64E-07	3.73E-06	9.95E-07	1.40E-05	6.92E-03	2.16E-03	1.84E-03	1.09E-02	2.4E-06	7.2E-06	4.2E-06	1.3E-06	1.1E-06	1.0E-06	4.6E-07	8.0E-08	1.9E-06	5.3E-07	8.9E-08	4.7E-08	4.0E-08	0.0E+00	2.7E-06
407	UCART1	594007.59	4123199.92	594007.59, 4123199.92	0.83451	0.24188	0.36609	0.08575	0.4038	5.62E-03	1.79E-03	1.47E-03	1.88E-06	2.30E-05	2.40E-07	2.94E-06	9.03E-07	1.11E-05	5.65E-03	1.80E-03	1.48E-03	8.92E-03	2.0E-06	5.9E-06	3.4E-06	1.1E-06	9.1E-07	8.3E-07	3.7E-07	6.5E-08	1.6E-06	4.4E-07	7.4E-08	3.8E-08	3.2E-08	0.0E+00	2.2E-06
408	UCART1	592567.59	4123239.92	592567.59, 4123239.92	0.04552	0.06528	0.05764	0.2576	0.0903	3.07E-04	4.83E-04	2.32E-04	5.65E-06	5.15E-06	7.20E-07	6.57E-07	2.71E-06	2.47E-06	3.17E-04	4.84E-04	2.37E-04	1.04E-03	1.1E-07	3.3E-07	1.9E-07	2.9E-07	1.4E-07	1.3E-07	5.9E-08	3.6E-09	8.9E-08	2.4E-08	2.1E-08	6.1E-09	5.2E-09	0.0E+00	1.5E-07
409	UCART1	592607.59	4123239.92	592607.59, 4123239.92	0.04849	0.07122	0.06207	0.32197	0.10133	3.27E-04	5.27E-04	2.49E-04	7.06E-06	5.78E-06	9.00E-07	7.37E-07	3.39E-06	2.78E-06	3.39E-04	5.29E-04	2.56E-04	1.12E-03	1.2E-07	3.5E-07	2.1E-07	3.4E-07	1.5E-07	1.4E-07	6.4E-08	3.9E-09	9.5E-08	2.6E-08	2.6E-08	6.8E-09	5.8E-09	0.0E+00	1.6E-07
410	UCART1	592647.59	4123239.92	592647.59, 4123239.92	0.0519	0.07829	0.06732	0.41355	0.11518	3.50E-04	5.79E-04	2.71E-04	9.06E-06	6.57E-06	1.16E-06	8.37E-07	4.36E-06	3.16E-06	3.65E-04	5.81E-04	2.78E-04	1.22E-03	1.3E-07	3.8E-07	2.2E-07	4.1E-07	1.7E-07	1.5E-07	6.9E-08	4.2E-09	1.0E-07	2.8E-08	3.2E-08	7.5E-09	6.4E-09	0.0E+00	1.8E-07
411	UCART1	592687.59	4123239.92	592687.59, 4123239.92	0.05565	0.08622	0.07328	0.54812	0.13154	3.75E-04	6.38E-04	2.95E-04	1.20E-05	7.50E-06	1.53E-06	9.56E-07	5.77E-06	3.60E-06	3.94E-04	6.41E-04	3.04E-04	1.34E-03	1.4E-07	4.1E-07	2.4E-07	4.9E-07	1.8E-07	1.7E-07	7.6E-08	4.6E-09	1.1E-07	3.0E-08	3.8E-08	8.2E-09	7.0E-09	0.0E+00	1.9E-07

CONSTRUCTION RISK (UNMITIGATED)

412	UCART1	592727.59	4123239.92	592727.59, 4123239.92	0.05956	0.09509	0.0802	0.74421	0.15101	4.01E-04	7.04E-04	3.22E-04	1.63E-05	8.61E-06	2.08E-06	1.10E-06	7.84E-06	4.14E-06	4.26E-04	7.07E-04	3.34E-04	1.47E-03
413	UCART1	592767.59	4123239.92	592767.59, 4123239.92	0.06386	0.10571	0.08815	1.00732	0.17584	4.30E-04	7.82E-04	3.54E-04	2.21E-05	1.00E-05	2.82E-06	1.28E-06	1.06E-05	4.82E-06	4.62E-04	7.86E-04	3.70E-04	1.62E-03
414	UCART1	592807.59	4123239.92	592807.59, 4123239.92	0.0694	0.1195	0.09776	1.37047	0.20923	4.67E-04	8.84E-04	3.93E-04	3.00E-05	1.19E-05	3.83E-06	1.52E-06	1.44E-05	5.73E-06	5.09E-04	8.90E-04	4.13E-04	1.81E-03
415	UCART1	592847.59	4123239.92	592847.59, 4123239.92	0.07604	0.13665	0.10931	2.0581	0.25327	5.12E-04	1.01E-03	4.39E-04	4.51E-05	1.44E-05	5.75E-06	1.84E-06	2.17E-05	6.94E-06	5.72E-04	1.02E-03	4.68E-04	2.06E-03
416	UCART1	592887.59	4123239.92	592887.59, 4123239.92	0.08328	0.15751	0.12312	2.68537	0.3106	5.61E-04	1.17E-03	4.95E-04	5.88E-05	1.77E-05	7.51E-06	2.26E-06	2.83E-05	8.51E-06	6.37E-04	1.18E-03	5.32E-04	2.34E-03
417	UCART1	592927.59	4123239.92	592927.59, 4123239.92	0.09283	0.18528	0.14045	2.81294	0.39273	6.25E-04	1.37E-03	5.65E-04	6.16E-05	2.24E-05	7.86E-06	2.86E-06	2.96E-05	1.08E-05	7.09E-04	1.38E-03	6.05E-04	2.70E-03
418	UCART1	592967.59	4123239.92	592967.59, 4123239.92	0.10465	0.22222	0.16282	2.6268	0.51721	7.05E-04	1.64E-03	6.54E-04	5.76E-05	2.95E-05	7.34E-06	3.76E-06	2.77E-05	1.42E-05	7.92E-04	1.66E-03	6.96E-04	3.14E-03
419	UCART1	593007.59	4123239.92	593007.59, 4123239.92	0.11815	0.26998	0.19087	2.3367	0.71327	7.96E-04	2.00E-03	7.67E-04	5.12E-05	4.07E-05	6.53E-06	5.19E-06	2.46E-05	1.95E-05	8.88E-04	2.01E-03	8.11E-04	3.71E-03
420	UCART1	593047.59	4123239.92	593047.59, 4123239.92	0.1353	0.33657	0.2285	2.05115	1.07823	9.11E-04	2.49E-03	9.18E-04	4.49E-05	6.15E-05	5.73E-06	7.84E-06	2.16E-05	2.95E-05	1.02E-03	2.50E-03	9.70E-04	4.49E-03
421	UCART1	593087.59	4123239.92	593087.59, 4123239.92	0.15632	0.43064	0.27852	1.79095	1.87871	1.05E-03	3.19E-03	1.12E-03	3.92E-05	1.07E-04	5.01E-06	1.37E-05	1.89E-05	5.15E-05	1.20E-03	3.21E-03	1.19E-03	5.59E-03
422	UCART1	593127.59	4123239.92	593127.59, 4123239.92	0.18323	0.57224	0.34913	1.56242	4.46634	1.23E-03	4.23E-03	1.40E-03	3.42E-05	2.55E-04	4.37E-06	3.25E-05	1.65E-05	1.22E-04	1.52E-03	4.27E-03	1.54E-03	7.34E-03
423	UCART1	593167.59	4123239.92	593167.59, 4123239.92	0.21794	0.79614	0.45163	1.36115	9.30839	1.47E-03	5.89E-03	1.82E-03	2.98E-05	5.31E-04	3.80E-06	6.77E-05	1.43E-05	2.55E-04	2.03E-03	5.96E-03	2.08E-03	1.01E-02
424	UCART1	593207.59	4123239.92	593207.59, 4123239.92	0.26352	1.17897	0.60874	1.18245	9.58405	1.77E-03	8.72E-03	2.45E-03	2.59E-05	5.46E-04	3.31E-06	6.97E-05	1.25E-05	2.63E-04	2.35E-03	8.80E-03	2.72E-03	1.39E-02
425	UCART1	593247.59	4123239.92	593247.59, 4123239.92	0.3243	1.92535	0.86507	1.02326	10.20462	2.18E-03	1.42E-02	3.48E-03	2.24E-05	5.82E-04	2.86E-06	7.42E-05	1.08E-05	2.80E-04	2.79E-03	1.43E-02	3.77E-03	2.09E-02
426	UCART1	593287.59	4123239.92	593287.59, 4123239.92	0.40445	3.46705	1.32489	0.88184	8.65963	2.72E-03	2.57E-02	5.33E-03	1.93E-05	4.94E-04	2.46E-06	6.30E-05	9.29E-06	2.37E-04	3.24E-03	2.57E-02	5.57E-03	3.45E-02
427	UCART1	593327.59	4123239.92	593327.59, 4123239.92	0.51007	6.63841	2.23183	0.75733	9.61382	3.44E-03	4.91E-02	8.97E-03	1.66E-05	5.48E-04	2.12E-06	6.99E-05	7.98E-06	2.63E-04	4.00E-03	4.92E-02	9.24E-03	6.24E-02
428	UCART1	593367.59	4123239.92	593367.59, 4123239.92	0.64747	9.72664	4.06781	0.64789	8.26426	4.36E-03	7.20E-02	1.64E-02	1.42E-05	4.71E-04	1.81E-06	6.01E-05	6.83E-06	2.26E-04	4.85E-03	7.20E-02	1.66E-02	9.35E-02
429	UCART1	593407.59	4123239.92	593407.59, 4123239.92	0.83964	8.80687	7.94188	0.55336	9.32927	5.65E-03	6.52E-02	3.19E-02	1.21E-05	5.32E-04	1.55E-06	6.78E-05	5.83E-06	2.56E-04	6.20E-03	6.52E-02	3.22E-02	1.04E-01
430	UCART1	593447.59	4123239.92	593447.59, 4123239.92	1.12905	6.5909	11.69758	0.47209	8.10924	7.60E-03	4.88E-02	4.70E-02	1.03E-05	4.62E-04	1.32E-06	5.90E-05	4.97E-06	2.22E-04	8.08E-03	4.88E-02	4.72E-02	1.04E-01
431	UCART1	593487.59	4123239.92	593487.59, 4123239.92	1.57148	4.81201	13.99378	0.40295	10.85661	1.06E-02	3.56E-02	5.63E-02	8.83E-06	6.19E-04	1.13E-06	7.89E-05	4.25E-06	2.98E-04	1.12E-02	3.57E-02	5.66E-02	1.03E-01
432	UCART1	593527.59	4123239.92	593527.59, 4123239.92	2.31682	3.57675	14.42193	0.34489	7.83249	1.56E-02	2.65E-02	5.80E-02	7.56E-06	4.46E-04	9.64E-07	5.69E-05	3.63E-06	2.15E-04	1.61E-02	2.65E-02	5.82E-02	1.01E-01
433	UCART1	593567.59	4123239.92	593567.59, 4123239.92	3.77465	2.70145	12.5478	0.29626	10.46617	2.54E-02	2.00E-02	5.04E-02	6.49E-06	5.97E-04	8.28E-07	7.61E-05	3.12E-06	2.87E-04	2.60E-02	2.01E-02	5.07E-02	9.68E-02
434	UCART1	593607.59	4123239.92	593607.59, 4123239.92	5.33332	2.06166	8.62001	0.25535	10.78129	3.59E-02	1.53E-02	3.46E-02	5.60E-06	6.15E-04	7.14E-07	7.84E-05	2.69E-06	2.95E-04	3.65E-02	1.53E-02	3.49E-02	8.68E-02
435	UCART1	593647.59	4123239.92	593647.59, 4123239.92	5.53294	1.58249	5.40847	0.22119	7.65559	3.73E-02	1.17E-02	2.17E-02	4.85E-06	4.36E-04	6.18E-07	5.57E-05	2.33E-06	2.10E-04	3.77E-02	1.18E-02	2.20E-02	7.14E-02
436	UCART1	593687.59	4123239.92	593687.59, 4123239.92	4.71438	1.21748	3.40313	0.1926	4.37059	3.18E-02	9.01E-03	1.37E-02	4.22E-06	2.49E-04	5.38E-07	3.18E-05	2.03E-06	1.20E-04	3.20E-02	9.04E-03	1.38E-02	5.48E-02
437	UCART1	593727.59	4123239.92	593727.59, 4123239.92	3.79083	0.93914	2.21354	0.16865	2.8607	2.55E-02	6.95E-03	8.90E-03	3.70E-06	1.63E-04	4.71E-07	2.08E-05	1.78E-06	7.84E-05	2.57E-02	6.97E-03	8.98E-03	4.16E-02
438	UCART1	593767.59	4123239.92	593767.59, 4123239.92	3.09477	0.72808	1.50056	0.14857	2.03784	2.08E-02	5.39E-03	6.03E-03	3.26E-06	1.16E-04	4.15E-07	1.48E-05	1.57E-06	5.58E-05	2.10E-02	5.40E-03	6.09E-03	3.25E-02
439	UCART1	593807.59	4123239.92	593807.59, 4123239.92	2.52107	0.56896	1.05946	0.13166	1.50184	1.70E-02	4.21E-03	4.26E-03	2.89E-06	8.56E-05	3.68E-07	1.09E-05	1.39E-06	4.12E-05	1.71E-02	4.22E-03	4.30E-03	2.56E-02
440	UCART1	593847.59	4123239.92	593847.59, 4123239.92	2.02443	0.44935	0.77575	0.11734	1.10822	1.36E-02	3.33E-03	3.12E-03	2.57E-06	6.32E-05	3.28E-07	8.06E-06	1.24E-06	3.04E-05	1.37E-02	3.33E-03	3.15E-03	2.02E-02
441	UCART1	593887.59	4123239.92	593887.59, 4123239.92	1.60473	0.35985	0.58696	0.1052	0.81592	1.08E-02	2.66E-03	2.36E-03	2.31E-06	4.65E-05	2.94E-07	5.93E-06	1.11E-06	2.24E-05	1.09E-02	2.67E-03	2.38E-03	1.59E-02
442	UCART1	593927.59	4123239.92	593927.59, 4123239.92	1.26108	0.29247	0.45679	0.09483	0.60445	8.49E-03	2.16E-03	1.84E-03	2.08E-06	3.45E-05	2.65E-07	4.39E-06	9.99E-07	1.66E-05	8.53E-03	2.17E-03	1.85E-03	1.26E-02
443	UCART1	593967.59	4123239.92	593967.59, 4123239.92	0.9889	0.24132	0.36421	0.08594	0.45475	6.66E-03	1.79E-03	1.46E-03	1.88E-06	2.59E-05	2.40E-07	3.31E-06	9.05E-07	1.25E-05	6.69E-03	1.79E-03	1.48E-03	9.95E-03
444	UCART1	594007.59	4123239.92	594007.59, 4123239.92	0.77796	0.20201	0.29651	0.07827	0.34936	5.24E-03	1.49E-03	1.19E-03	1.72E-06	1.99E-05	2.19E-07	2.54E-06	8.25E-07	9.57E-06	5.26E-03	1.50E-03	1.20E-03	7.96E-03
445	UCART1	592567.59	4123279.92	592567.59, 4123279.92	0.04786	0.06933	0.06086	0.30684	0.09829	3.22E-04	5.13E-04	2.45E-04	6.72E-06	5.60E-06	8.58E-07	7.15E-07	3.23E-06	2.69E-06	3.35E-04	5.15E-04	2.51E-04	1.10E-03
446	UCART1	592607.59	4123279.92	592607.59, 4123279.92	0.05108	0.07598	0.06582	0.39534	0.11146	3.44E-04	5.62E-04	2.65E-04	8.66E-06	6.35E-06	1.11E-06	8.10E-07	4.17E-06	3.05E-06	3.59E-04	5.64E-04	2.72E-04	1.19E-03
447	UCART1	592647.59	4123279.92	592647.59, 4123279.92	0.05481	0.08384	0.07141	0.53175	0.12793	3.69E-04	6.20E-04	2.87E-04	1.17E-05	7.29E-06	1.49E-06	9.30E-07	5.60E-06	3.51E-06	3.88E-04	6.23E-04	2.96E-04	1.31E-03
448	UCART1	592687.59	4123279.92	592687.59, 4123279.92	0.05902	0.09292	0.07807	0.76006	0.14841	3.97E-04	6.88E-04	3.14E-04	1.67E-05	8.46E-06	2.12E-06	1.08E-06	8.01E-06	4.07E-06	4.23E-04	6.91E-04	3.26E-04	1.44E-03
449	UCART1	592727.59	4123279.92	592727.59, 4123279.92	0.06374	0.10346	0.08599	1.19265	0.17407	4.29E-04	7.66E-04	3.46E-04	2.61E-05	9.92E-06	3.33E-06	1.27E-06	1.26E-05	4.77E-06	4.65E-04	7.70E-04	3.63E-04	1.60E-03
450	UCART1	592767.59	4123279.92	592767.59, 4123279.92	0.06902	0.11556	0.09534	2.1251	0.20561	4.65E-04	8.55E-04	3.83E-04	4.66E-05	1.17E-05	5.94E-06	1.49E-06	2.24E-05	5.63E-06	5.23E-04	8.63E-04	4.11E-04	1.80E-03
451	UCART1	592807.59	4123279.92	592807.59, 4123279.92	0.07504	0.13092	0.10658	3.93501	0.24908	5.05E-04	9.69E-04	4.28E-04	8.62E-05	1.42E-05	1.10E-05	1.81E-06	4.15E-05	6.83E-06	6.06E-04	9.82E-04	4.77E-04	2.06E-03
452	UCART1	592847.59	4123279.92	592847.59, 4123279.92	0.08243	0.15061	0.11965	6.47466	0.30953	5.55E-04	1.11E-03	4.81E-04	1.42E-04	1.76E-05	1.81E-05	2.25E-06	6.82E-05	8.48E-06	7.15E-04	1.13E-03	5.58E-04	2.41E-03
453	UCART1	592887.59	4123279.92	592887.59, 4123279.92	0.09067	0.17478	0.13582	5.78858	0.3905	6.11E-04	1.29E-03	5.46E-04	1.27E-04	2.23E-05	1.62E-05	2.84E-06	6.10E-05	1.07E-05	7.60E-04	1.31E-03	6.18E-04	2.69E-03
454	UCART1	592927.59	4123279.92	592927.59, 4123279.92	0.10178	0.20806	0.1558	4.66897	0.51397	6.85E-04	1.54E-03	6.26E-04	1.02E-04	2.93E-05	1.31E-05	3.74E-06	4.92E-05	1.41E-05	8.17E-04	1.56E-03	6.90E-04	3.06E-03
455	UCART1	592967.59	4123279.92	592967.59, 4123279.92	0.11522	0.25279	0.18171	3.75359	0.71183	7.76E-04	1.87E-03	7.30E-04	8.23E-05	4.06E-05	1.05E-05	5.18E-06	3.95E-05	1.95E-05	8.99E-04	1.89E-03	7.89E-04	3.57E-03
456	UCART1	593007.59	4123279.92	593007.59, 4123279.92	0.13125	0.31275	0.21523	3.05553	1.06208	8.84E-04	2.31E-03	8.65E-04	6.70E-05	6.05E-05	8.54E-06	7.72E-06	3.22E-05	2.91E-05	1.01E-03	2.33E-03	9.26E-04	4.27E-03
457	UCART1	593047.59	4123279.92	593047.59, 4123279.92	0.15143	0.39839	0.26057	2.52992	1.82624	1.02E-03	2.95E-03	1.05E-03	5.54E-05	1.04E-04	7.07E-06	1.33E-05	2.67E-05	5.00E-05	1.18E-03	2.97E-03	1.12E-03	5.27E-03
458	UCART1	593087.59	4123279.92	593087.59, 4123279.92	0.17734	0.52548	0.32279	2.11893	4.21718	1.19E-03	3.89E-03	1.30E-03	4.64E-05	2.40E-04	5.92E-06	3.07E-05	2.23E-05	1.16E-04	1.48E-03	3.93E-03	1.44E-03	6.84E-03
459	UCART1	593127.59	4123279.92	593127.59, 4123279.92	0.21225	0.73203	0.41389	1.78972	9.41377	1.43E-03	5.42E-03	1.66E-03	3.92E-05	5.37E-04	5.00E-06	6.84E-05	1.89E-05	2.58E-04	2.01E-03	5.49E-03	1.94E-03	9.44E-03
460	UCART1	593167.59	4123279.92	593167.59, 4123279.92	0.25836	1.08569	0.55046	1.51337	11.56452	1.74E-03	8.03E-03	2.21E-03	3.32E-05	6.59E-04	4.23E-06	8.41E-05	1.59E-05	3.17E-04	2.43E-03	8.12E-03	2.55E-03	1.31E-02
461	UCART1	593207.59	4123279.92	593207.59, 4123279.92	0.31872	1.77864	0.76596	1.27656	8.6958	2.15E-03	1.32E-02	3.08E-03	2.80E-05	4.96E-04	3.57E-06	6.32E-05	1.34E-05	2.38E-04	2.67E-03	1.32E-02	3.33E-03	1.92E-02
462	UCART1	593247.59	4123279.92	593247.59, 4123279.92	0.40457	3.72642	1.15135	1.07425	7.76204	2.72E-03	2.76E-02	4.63E-03	2.35E-05	4.42E-04	3.00E-06	5.64E-05	1.13E-05	2.13E-04	3.19E-03	2.76E-02	4.85E-03	3.57E-02
463	UCART1	593287.59	4123279.92	593287.59, 4123279.92	0.53034	11.53091	1.97338	0.90186	7.31659	3.57E-03	8.53E-02	7.93E-03	1.98E-05	4.17E-04	2.52E-06	5.32E-05	9.50E-06	2.00E-04	4.01E-03	8.54E-02	8.14E-03	9.75E-02
464	UCART1	593327.59	4123279.92	593327.59, 4123279.92	0.71079	21.19426	4.3192	0.75536	7.07242	4.79E-03	1.57E-01	1.74E-02	1.66E-05	4.03E-04	2.11E-06	5.14E-05	7.96E-06	1.94E-04	5.21E-03	1.57E-01	1.76E-02	1.80E-01
465	UCART1	593367.59	4123279.92	593367.59, 4123279.92	0.97129	28.38618	8.69025	0.63181	6.92007	6.54E-03	2.10E-01	3.49E-02	1.38E-05	3.94E-04	1.77E-06	5.03E-05	6.66E-06	1.90E-04	6.95E-03	2.10E-01	3.51E-02	2.52E-01
466	UCART1	593407.59	4123279.92	593407.59, 4123279.92	1.40193	13.1526	25.107	0.53021	6.59859	9.44E-03	9.73E-02	1.01E-01	1.16E-05	3.76E-04	1.48E-06	4.80E-05	5.59E-06	1.81E-04	9.83E-03	9.74E-02	1.01E-01	2.08E-01
467	UCART1	593447.59	4123279.92	593447.59, 4123279.92	2.05244	7.67838	30.54429	0.44396	6.65173	1.38E-02	5.68E-02	1.23E-01	9.73E-06	3.79E-04	1.24E-06	4.84E-05	4.68E-06	1.82E-04	1.42E-02	5.69E-02	1.23E-01	1.94E-01
468	UCART1	593487.59	4123279.92	593487.59, 4123279.92	2.96584	5.04594	31.35296	0.37231	6.79182	2.00E-02	3.73E-02	1.26E-01	8.16E-06	3.87E-04	1.04E-06	4.94E-05	3.92E-06	1.86E-04	2.04E-02	3.74E-02	1.26E-01	1.84E-01
469	UCART1	593527.59	4123279.92	593527.59, 4123279.92	5.50125	3.55702	31.65548	0.31511	6.77041	3.71E-02	2.63E-02	1.27E-01	6.91E-06	3.86E-04	8.81E-07	4.92E-05	3.32E-06	1.86E-04	3.74E-02	2.64E-02	1.27E-01	1.91E-01
470	UCART1	593567.59	4123279.92	593567.59, 4123279.92	8.08563	2.57402	18.5462	0.2684	6.77025	5.45E-02	1.90E-02	7.45E-02	5.88E-06	3.86E-04	7.50E-07	4.92E-05	2.83E-06	1.86E-04	5.48E-02	1.91E-02	7.47E-02	1.49E-01
471	UCART1	593607.59	4123279.92	593607.59, 4123279.92	10.69896	1.88672	8.49929	0.22997	8.51477	7.21E-02	1.40E-02	3.42E-02	5.04E-06	4.85E-04	6.43E-07	6.19E-05	2.42E-06	2.33E-04	7.25E-02	1.40E-02	3.44E-02	1.21E-01
472	UCART1	593647.59	4123279.92	593647.59, 4123279.92	11.12289	1.39378	4.38731	0.19853	4.24813	7.49E-02	1.03E-02	1.76E-02	4.35E-06	2.42E-04	5.55E-07	3.09E-05	2.09E-06	1.16E-04	7.52E-02	1.03E-02	1.78E-02	1.03E-01
473	UCART1	593687.59	4123279.92	593687.59, 4123279.92	6.74291	1.0352	2.53258	0.17251	6.04727	4.54E-02	7.66E-03	1.02E-02	3.78E-06	3.45E-04	4.82E-07	4.40E-05	1.82E-06	1.66E-04	4.58E-02	7.70E-03	1.03E-02	6.38E-02
474	UCART1	593727.59	4123279.92	593727.59, 4123279.92	5.01808	0.77675	1.59927	0.15097	3.68174	3.38E-02	5.75E-03	6.43E-03	3.31E-06	2.10E-04	4.22E-07	2.68E-05	1.59E-06	1.01E-04	3.40E-02	5.78E-03	6.53E-03	4.63E-02
475	UCART1	593767.59	4123279.92	593767.59, 4123279.92	3.80742	0.59165	1.0839	0.13311	2.4377	2.56E-02	4.38E-03	4.36E-03	2.92E-06	1.39E-04	3.72E-07	1.77E-05	1.40E-06	6.68E-05	2.58E-02	4.40E-03	4.43E-03	3.46E-02
476	UCART1	593807.59	4123279.92	593807.59, 4123279.92	2.8643	0.45861	0.77551	0.11817	1.62407	1.93E-02	3.39E-03	3.12E-03	2.59E-06	9.26E-05	3.30E-07	1.18E-05	1.24E-06	4.45E-05	1.94E-02	3.41E-03	3.16E-03	2.60E-02
477	UCART1	593847.59	4123279.92	593847.59, 4123279.92	2.13132	0.36236	0.57911	0.10558	1.07896	1.44E-02	2.68E-03	2.33E-03	2.31E-06	6.15E-05	2.95E-07	7.84E-06	1.11E-06	2.96E-05	1.44E-02	2.69E-03	2.36E-03	1.95E-02
478	UCART1	593887.59	4123279.92	593887.59, 4123279.92	1.57789	0.29201	0.44764	0.09493	0.7316	1.06E-02	2.16E-03	1.80E-03	2.08E-06	4.17E-05	2.65E-07	5.32E-06	1.00E-06	2.00E-05	1.07E-02	2.17E-03	1.82E-03	1.47E-02
479	UCART1	593927.59	4123279.92	593927.59, 4123279.92	1.17291	0.23968	0.35584	0.08585	0.51421	7.90E-03	1.77E-03	1.43E-03	1.88E-06	2.93E-05	2.40E-07	3.74E-06	9.04E-07	1.41E-05	7.93E-03	1.78E-03	1.45E-03	1.12E-02
480	UCART1	593967.59	4123279.92	593967.59, 4123279.92	0.88278	0.2001	0.28951	0.07808	0.37654	5.95E-03	1.48E-03	1.16E-03	1.71E-06	2.15E-05	2.18E-07	2.74E-06	8.23E-07	1.03E-05	5.97E-03	1.48E-03	1.17E-03	8.63E-03
481	UCART1	594007.59	4123279.92	594007.59, 4123279.92	0.67522	0.16963	0.24021	0.07137	0.28671	4.55E-03	1.26E-03	9.66E-04	1.56E-06	1.63E-05	1.99E-07	2.08E-06	7.52E-07	7.86E-06	4.57E-03	1.26E-03	9.74E-04	6.80E-03
482	UCART1	592567.59	4123319.92	592567.59, 4123319.92	0.0502	0.07388	0.06425	0.36584	0.10782	3.38E-04	5.47E-04	2.58E-04	8.02E-06	6.15E-06	1.02E-06	7.84E-07	3.85E-06	2.95E-06	3.52E-04	5.49E-04	2.65E-04	1.17E-03
483	UCART1	592607.59	4123319.92	592607.59, 4123319.92	0.05376	0.08118	0.06956	0.48649	0.12333	3.62E-04	6.01E-04	2.80E-04	1.07E-05	7.03E-06	1.36E-06	8.97E-07	5.13E-06	3.38E-06	3.80E-04	6.03E-04	2.88E-04	1.27E-03
484	UCART1	592647.59	4123319.92	592647.59, 4123319.92	0.05782	0.08982	0.0759	0.68625	0.14305	3.89E-04	6.65E-04	3.05E-04	1.50E-05	8.15E-06	1.92E-06	1.04E-06	7.23E-06	3.92E-06	4.13E-04	6.68E-04	3.16E-04	1.40E-03
485	UCART1	592687.59	4123319.92	592687.59, 4123319.92	0.06246	0.10002	0.08327	1.06195	0.16845	4.21E-04	7.40E-04	3.35E-04	2.33E-05	9.60E-06	2.97E-06	1.22E-06	1.12E-05	4.62E-06	4.54E-04	7.44E-04	3.51E-04	1.55E-03
486	UCART1	592727.59	4123319.92	592727.59, 4123319.92	0.0678	0.11226	0.09209	1.95074	0.20215	4.57E-04	8.31E-04	3.70E-04	4.27E-05	1.15E-05	5.45E-06	1.47E-06	2.06E-05	5.54E-06	5.11E-04	8.38E-04	3.96E-04	1.74E-03
487	UCART1	592767.59	4123319.92	592767.59, 4123319.92	0.07389	0.12666	0.10268	5.58016	0.24675	4.98E-04	9.37E-04	4.13E-04	1.22E-04	1.41E-05	1.56E-05	1.79E-06	5.88E-05	6.76E-06	6.34E-04	9.55E-04	4.78E-04	2.07E-03
488	UCART1	592807.59	4123319.92	592807.59, 4123319.92	0.0811	0.14372	0.1157	4.64946	0.30471	5.46E-04	1.06E-03	4.65E-04	1.02E-04	1.74E-05	1.30E-05	2.22E-06	4.90E-05	8.35E-06	6.65E-04	1.08E-03	5.22E-04	2.27E-03
489	UCART1	592847.59	4123319.92	592847.59, 4123319.92	0.08943	0.1664	0.13122	16.50842	0.39201	6.02E-04	1.23E-03	5.27E-04	3.62E-04	2.23E-05	4.61E-05	2.85E-06	1.74E-04	1.07E-05	9.86E-04	1.28E-03	7.12E-04	2.98E-03
490	UCART1	592887.59	4123319.92	592887.59, 4123319.92	0.0992	0.19521	0.1504	9.79192	0.51747	6.68E-04	1.44E-03	6.05E-04	2.15E-04	2.95E-05	2.74E-05	3.76E-06	1.03E-04	1.42E-05	9.12E-04	1.48E-03	7.22E-04	3.11E-03
491	UCART1	592927.59	4123319.92	592927.59, 4123319.92	0.11194	0.23542	0.17371	6.68216	0.71877	7.54E-04	1.74E-03	6.98E-04	1.46E-04	4.10E-05	1.87E-05	5.23E-06	7.04E-05	1.97E-05	9.41E-04	1.77E-03	7.88E-04	3.50E-03
492	UCART1	592967.59	4123319.92	592967.59, 4123319.92	0.12696	0.28889	0.20455	4.8891	1.0495	8.55E-04	2.14E-03	8.22E-04	1.07E-04	5.98E-05	1.37E-05	7.63E-06	5.15E-05	2.88E-05	1.02E-03	2.16E-03	9.02E-04	4.08E-03
493	UCART1	593007.59	4123319.92	593007.59, 4123319.92	0.14571	0.36402	0.24553	3.76171	1.68656	9.81E-04	2.69E-03	9.87E-04	8.24E-05	9.61E-05	1.05E-05	1.23E-05	3.96E-05	4.62E-05	1.16E-03	2.72E-03	1.07E-03	4.95E-03
494	UCART1	593047.59	4123319.92	593047.59, 4123319.92	0.17033	0.47699	0.30227	2.99476	3.1428	1.15E-03	3.53E-03	1.22E-03	6.56E-05	1.79E-04	8.37E-06	2.28E-05	3.16E-05	8.61E-05	1.39E-03	3.56E-03	1.33E-03	6.29E-03
495	UCART1	593087.59	4123319.92	593087.59, 4123319.92	0.20246	0.65391	0.38256	2.42897	7.93055	1.36E-03	4.84E-03	1.54E-03	5.32E-05	4.52E-04	6.79E-06	5.77E-05	2.56E-05	2.17E-04	1.87E-03	4.90E-03	1.78E-03	8.55E-03
496	UCART1	593127.59	4123319.92	593127.59, 4123319.92	0.24604	0.95633	0.50287	1.98899	9.42149	1.66E-03	7.08E-03	2.02E-03	4.36E-05	5.37E-04	5.56E-06	6.85E-05	2.10E-05	2.58E-04	2.24E-03	7.15E-03	2.30E-03	1.17E-02
497	UCART1	593167.59	4123319.92	593167.59, 4123319.92	0.30568	1.5393	0.69267	1.63173	7.30441	2.06E-03	1.14E-02	2.78E-03	3.58E-05	4.16E-04	4.56E-06	5.31E-05	1.72E-05	2.00E-04	2.51E-03	1.14E-02	3.00E-03	1.70E-02
498	UCART1	593207.59	4123319.92	593207.59, 4123319.92	0.38834	2.88928	1.01186	1.33401	5.07159	2.62E-03	2.14E-02	4.07E-03	2.92E-05	2.89E-04	3.73E-06	3.69E-05	1.41E-05	1.39E-04	2.93E-03	2.14E-02	4.22E-03	2.86E-02
499	UCART1	593247.59	4123319.92	593247.59, 4123319.92	0.51487	7.26539	1.63959	1.08867	4.12745	3.47E-03	5.38E-02	6.59E-03	2.39E-05	2.35E-04	3.04E-06	3.00E-05	1.15E-05	1.13E-04	3.73E-03	5.38E-02	6.72E-03	6.42E-02
500	UCART1	593287.59	4123319.92	593287.59, 4123319.92	0.72449	18.68669	3.15494	0.88863	3.63938	4.88E-03	1.38E-01	1.27E-02	1.95E-05	2.07E-04	2.48E-06	2.65E-05	9.36E-06	9.97E-05	5.11E-03	1.38E-01	1.28E-02	1.56E-01
501	UCART1	593327.59	4123319.92	593327.59, 4123319.92	1.08629	33.35569	7.96121	0.72443	3.35679	7.32E-03	2.47E-01	3.20E-02	1.59E-05	1.91E-04	2.02E-06	2.44E-05	7.63E-06	9.20E-05	7.52E-03	2.47E-01	3.21E-02	2.86E-01
502	UCART1	593367.59	4123319.92	593367.59, 4123319.92	1.75457	29.09369	18.58332	0.59268	3.17995	1.18E-02	2.15E-01	7.47E-02	1.30E-05	1.81E-04	1.66E-06	2.31E-05	6.24E-06	8.71E-05	1.20E-02	2.15E-01	7.48E-02	3.02E-01
503	UCART1	593407.59	4123319.92	593407.59, 4123319.92	3.05723	13.24403	32.59667	0.48819	2.97758	2.06E-02	9.80E-02	1.31E-01	1.07E-05	1.70E-04	1.36E-06	2.16E-05	5.14E-06	8.16E-05	2.08E-02	9.80E-02	1.31E-01	2.50E-01
504	UCART1	593447.59	4123319.92	593447.59, 4123319.92	4.6458	7.64065	36.99783	0.40218	2.96897	3.13E-02	5.65E-02	1.49E-01	8.81E-06	1.69E-04	1.12E-06	2.16E-05	4.24E-06	8.14E-05	3.15E-02	5.66E-02	1.49E-01	2.37E-01
505	UCART1	593487.59	4123319.92	593487.59, 4123319.92	6.33537	4.8706	34.63047	0.33342	2.92984	4.27E-02	3.60E-02	1.39E-01	7.31E-06	1.67E-04	9.32E-07	2.13E-05	3.51E-06	8.03E-05	4.28E-02	3.61E-02	1.39E-01	2.18E-01
506	UCART1	593527.59	4123319.92	593527.59, 4123319.92	9.57675	3.29655	23.88254	0.28005	2.92782	6.45E-02	2.44E-02	9.60E-02	6.14E-06	1.67E-04	7.83E-07	2.13E-05	2.95E-06	8.02E-05	6.47E-02	2.44E-02	9.61E-02	1.85E-01
507	UCART1	593567.59	4123319.92	593567.59, 4123319.92	13.08127	2.2781	13.2811	0.2375	3.17924	8.81E-02	1.69E-02	5.34E-02	5.20E-06	1.81E-04	6.64E-07	2.31E-05	2.50E-06	8.71E-05	8.83E-02	1.69E-02	5.35E-02	1.59E-01
508	UCART1	593607.59	4123319.92	593607.59, 4123319.92	13.38704	1.59439	5.10793	0.20306	4.41384	9.02E-02	1.18E-02	2.05E-02	4.45E-06	2.52E-04	5.68E-07	3.21E-05	2.14E-06	1.21E-04	9.04E-02	1.18E-02	2.07E-02	1.23E-01
509	UCART1	593647.59	4123319.92	593647.59, 4123319.92	10.84689	1.13305	2.61664	0.17528	3.94603	7.31E-02	8.38E-03	1.05E-02	3.84E-06	2.25E-04	4.90E-07	2.87E-05	1.85E-06	1.08E-04	7.33E-02	8.41E-03	1.06E-02	9.23E-02
510	UCART1	593687.59	4123319.92	593687.59, 4123319.92	10.32519	0.82057	1.57991	0.15258	10.16433	6.95E-02	6.07E-03	6.35E-03	3.34E-06	5.79E-04	4.26E-07	7.39E-05	1.61E-06	2.79E-04	7.01E-02	6.15E-03	6.63E-03	8.29E-02
511	UCART1	593727.59	4123319.92	593727.59, 4123319.92	6.61506	0.60856	1.05314	0.13387	5.35598	4.46E-02	4.50E-03	4.23E-03	2.93E-06	3.05E-04	3.74E-07	3.89E-05	1.41E-06	1.47E-04	4.49E-02	4.54E-03	4.38E-03	5.38E-02
512	UCART1	593767.59	4123319.92	593767.59, 4123319.92	4.40906	0.46368	0.75002	0.11844	2.87068	2.97E-02	3.43E-03	3.01E-03	2.60E-06	1.64E-04	3.31E-07	2.09E-05	1.25E-06	7.87E-05	2.99E-02	3.45E-03	3.09E-03	3.64E-02
513	UCART1	593807.59	4123319.92	593807.59, 4123319.92	2.97859	0.36262	0.5603	0.10555	1.55308	2.01E-02	2.68E-03	2.25E-03	2.31E-06	8.85E-05	2.95E-07	1.13E-05	1.11E-06	4.26E-05	2.02E-02	2.69E-03	2.30E-03	2.51E-02
514	UCART1	593847.59	4123319.92	593847.59, 4123319.92	2.01371	0.2905	0.43415	0.09472	0.90454	1.36E-02	2.15E-03	1.75E-03	2.08E-06	5.16E-05	2.65E-07	6.58E-06	9.98E-07	2.48E-05	1.36E-02	2.16E-03	1.77E-03	1.75E-02
515	UCART1	593887.59	4123319.92	593887.59, 4123319.92	1.3887	0.2378	0.34623	0.08554	0.57697	9.35E-03	1.76E-03	1.39E-03	1.87E-06	3.29E-05	2.39E-07	4.19E-06	9.01E-07	1.58E-05	9.39E-03	1.76E-03	1.41E-03	1.26E-02
516	UCART1	593927.59	4123319.92	593927.59, 4123319.92	0.98703	0.19835	0.28268	0.07772	0.39911	6.65E-03	1.47E-03	1.14E-03	1.70E-06	2.27E-05	2.17E-07	2.90E-06	8.19E-07	1.09E-05	6.67E-03	1.47E-03	1.15E-03	9.29E-03
517	UCART1	593967.59	4123319.92	593967.59, 4123319.92	0.72492	0.16821	0.23531	0.071	0.29442	4.88E-03	1.24E-03	9.46E-04	1.56E-06	1.68E-05	1.98E-07	2.14E-06	7.48E-07	8.07E-06	4.90E-03	1.25E-03	9.55E-04	7.10E-03
518	UCART1	594007.59	4123319.92	594007.59, 4123319.92	0.54874	0.14475	0.19921	0.0652	0.22824	3.70E-03	1.07E-03	8.01E-04	1.43E-06	1.30E-05	1.82E-07	1.66E-06	6.87E-07	6.25E-06	3.71E-03	1.07E-03	8.08E-04	5.59E-03
519	UCART1	592567.59	4123359.92	592567.59, 4123359.92	0.0527	0.07849	0.06786	0.44496	0.1189	3.55E-04	5.81E-04	2.73E-04	9.75E-06	6.78E-06	1.24E-06	8.64E-07	4.69E-06	3.26E-06	3.71E-04	5.83E-04	2.81E-04	1.24E-03
520	UCART1	592607.59	4123359.92	592607.59, 4123359.92	0.05659	0.08655	0.07387	0.61618	0.13751	3.81E-04	6.40E-04	2.97E-04	1.35E-05	7.84E-06	1.72E-06	1.00E-06	6.49E-06	3.77E-06	4.02E-04	6.43E-04	3.07E-04	1.35E-03
521	UCART1	592647.59	4123359.92	592647.59, 4123359.92	0.06099	0.09609	0.08102	0.92171	0.16153	4.11E-04	7.11E-04	3.26E-04	2.02E-05	9.21E-06	2.58E-06	1.17E-06	9.71E-06	4.43E-06	4.40E-04	7.15E-04	3.40E-04	1.49E-03
522	UCART1	592687.59	4123359.92	592687.59, 4123359.92	0.0661	0.10751	0.08943	1.55375	0.19336	4.45E-04	7.96E-04	3.59E-04	3.40E-05	1.10E-05	4.34E-06	1.41E-06	1.64E-05	5.30E-06	4.90E-04	8.01E-04	3.81E-04	1.67E-03
523	UCART1	592727.59	4123359.92	592727.59, 4123359.92	0.07202	0.12143	0.09924	3.14763	0.23698	4.85E-04	8.99E-04	3.99E-04	6.90E-05	1.35E-05	8.80E-06	1.72E-06	3.32E-05	6.49E-06	5.68E-04	9.09E-04	4.39E-04	1.92E-03
524	UCART1	592767.59	4123359.92	592767.59, 4123359.92	0.0789	0.13837	0.11142	7.94169	0.29873	5.31E-04	1.02E-03	4.48E-04	1.74E-04	1.70E-05	2.22E-05	2.17E-06	8.37E-05	8.19E-06	7.22E-04	1.05E-03	5.40E-04	2.31E-03
525	UCART1	592807.59	4123359.92	592807.59, 4123359.92	0.08706	0.15849	0.12629	16.18075	0.38604	5.86E-04	1.17E-03	5.08E-04	3.55E-04	2.20E-05	4.52E-05	2.81E-06	1.70E-04	1.06E-05	9.63E-04	1.22E-03	6.89E-04	2.87E-03
526	UCART1	592847.59	4123359.92	592847.59, 4123359.92	0.09701	0.18452	0.1446	28.40075	0.51613	6.53E-04	1.37E-03	5.81E-04	6.22E-04	2.94E-05	7.94E-05	3.75E-06	2.99E-04	1.41E-05	1.31E-03	1.45E-03	8.95E-04	3.65E-03
527	UCART1	592887.59	4123359.92	592887.59, 4123359.92	0.10854	0.2196	0.16737	14.58819	0.72487	7.31E-04	1.63E-03	6.73E-04	3.20E-04	4.13E-05	4.08E-05	5.27E-06	1.54E-04	1.99E-05	1.09E-03	1.67E-03	8.46E-04	3.61E-03
528	UCART1	592927.59	4123359.92	592927.59, 4123359.92	0.12241	0.26901	0.19639	8.96755	1.07149	8.24E-04	1.99E-03	7.89E-04	1.97E-04	6.11E-05	2.51E-05	7.79E-06	9.45E-05	2.94E-05	1.08E-03	2.02E-03	9.13E-04	4.02E-03
529	UCART1	592967.59	4123359.92	592967.59, 4123359.92	0.13999	0.33626	0.23512	6.15556	1.65085	9.43E-04	2.49E-03	9.45E-04	1.35E-04	9.41E-05	1.72E-05	1.20E-05	6.49E-05	4.52E-05	1.17E-03	2.52E-03	1.06E-03	4.74E-03
530	UCART1	593007.59	4123359.92	593007.59, 4123359.92	0.16254	0.43608	0.28749	4.52876	2.72277	1.09E-03	3.23E-03	1.16E-03	9.92E-05	1.55E-04	1.27E-05	1.98E-05	4.77E-05	7.46E-05	1.35E-03	3.26E-03	1.28E-03	5.89E-03
531	UCART1	593047.59	4123359.92	593047.59, 4123359.92	0.19177	0.59048	0.36153	3.471	4.80774	1.29E-03	4.37E-03	1.45E-03	7.61E-05	2.74E-04	9.70E-06	3.50E-05	3.66E-05	1.32E-04	1.64E-03	4.41E-03	1.62E-03	7.68E-03
532	UCART1	593087.59	4123359.92	593087.59, 4123359.92	0.2311	0.84954	0.46999	2.72271	7.48575	1.56E-03	6.29E-03	1.89E-03	5.97E-05	4.27E-04	7.61E-06	5.44E-05	2.87E-05	2.05E-04	2.04E-03	6.35E-03	2.12E-03	1.05E-02
533	UCART1	593127.59	4123359.92	593127.59, 4123359.92	0.28574	1.31678	0.63828	2.15351	10.94041	1.92E-03	9.74E-03	2.57E-03	4.72E-05	6.24E-04	6.02E-06	7.95E-05	2.27E-05	3.00E-04	2.60E-03	9.83E-03	2.89E-03	1.53E-02
534	UCART1	593167.59	4123359.92	593167.59, 4123359.92	0.36344	2.22905	0.91224	1.70246	5.48868	2.45E-03	1.65E-02	3.67E-03	3.73E-05	3.13E-04	4.76E-06	3.99E-05	1.79E-05	1.50E-04	2.80E-03	1.65E-02	3.84E-03	2.32E-02
535	UCART1	593207.59	4123359.92	593207.59, 4123359.92	0.47891	4.17817	1.38919	1.34102	3.60741	3.23E-03	3.09E-02	5.58E-03	2.94E-05	2.06E-04	3.75E-06	2.62E-05	1.41E-05	9.89E-05	3.46E-03	3.09E-02	5.70E-03	4.01E-02
536	UCART1	593247.59	4123359.92	593247.59, 4123359.92	0.66812	9.02956	2.3032	1.05571	2.7639	4.50E-03	6.68E-02	9.26E-03	2.31E-05	1.58E-04	2.95E-06	2.01E-05	1.11E-05	7.57E-05	4.68E-03	6.68E-02	9.34E-03	8.09E-02
537	UCART1	593287.59	4123359.92	593287.59, 4123359.92	1.02958	19.07429	4.22628	0.83488	2.33737	6.93E-03	1.41E-01	1.70E-02	1.83E-05	1.33E-04	2.33E-06	1.70E-05	8.80E-06	6.41E-05	7.09E-03	1.41E-01	1.71E-02	1.65E-01
538	UCART1	593327.59	4123359.92	593327.59, 4123359.92	1.89804	28.93634	8.45025	0.66288	2.09976	1.28E-02	2.14E-01	3.40E-02	1.45E-05	1.20E-04	1.85E-06	1.53E-05	6.98E-06	5.75E-05	1.29E-02	2.14E-01	3.40E-02	2.61E-01
539	UCART1	593367.59	4123359.92	593367.59, 4123359.92	3.27363	31.64174	14.59452	0.53137	1.95622	2.20E-02	2.34E-01	5.87E-02	1.16E-05	1.12E-04	1.49E-06	1.42E-05	5.60E-06	5.36E-05	2.22E-02	2.34E-01	5.87E-02	3.15E-01
540	UCART1	593407.59	4123359.92	593407.59, 4123359.92	6.67865	12.80025	17.75382	0.4313	1.83435	4.50E-02	9.47E-02	7.14E-02	9.45E-06	1.05E-04	1.21E-06	1.33E-05	4.54E-06	5.03E-05	4.51E-02	9.47E-02	7.14E-02	2.11E-01
541	UCART1	593447.59	4123359.92	593447.59, 4123359.92	9.07825	7.18214	20.38633	0.35253	1.77859	6.11E-02	5.31E-02	8.19E-02	7.73E-06	1.01E-04	9.85E-07	1.29E-05	3.71E-06	4.87E-05	6.13E-02	5.32E-02	8.20E-02	1.96E-01
542	UCART1	593487.59	4123359.92	593487.59, 4123359.92	12.76126	4.43566	18.5727	0.29118	1.78235	8.59E-02	3.28E-02	7.47E-02	6.38E-06	1.02E-04	8.14E-07	1.30E-05	3.07E-06	4.88E-05	8.61E-02	3.28E-02	7.47E-02	1.94E-01
543	UCART1	593527.59	4123359.92	593527.59, 4123359.92	15.8287	2.81186	10.16358	0.24347	1.85092	1.07E-01	2.08E-02	4.09E-02	5.34E-06	1.06E-04	6.81E-07	1.35E-05	2.57E-06	5.07E-05	1.07E-01	2.08E-02	4.09E-02	1.68E-01
544	UCART1	593567.59	4123359.92	593567.59, 4123359.92	15.58421	1.8292	4.93171	0.20627	2.10018	1.05E-01	1.35E-02	1.98E-02	4.52E-06	1.20E-04	5.77E-07	1.53E-05	2.17E-06	5.76E-05	1.05E-01	1.36E-02	1.99E-02	1.39E-01
545	UCART1	593607.59	4123359.92	593607.59, 4123359.92	15.02963	1.22737	2.51428	0.1768	2.77425	1.01E-01	9.08E-03	1.01E-02	3.87E-06	1.58E-04	4.94E-07	2.02E-05	1.86E-06	7.60E-05	1.01E-01	9.10E-03	1.02E-02	1.21E-01
546	UCART1	593647.59	4123359.92	593647.59, 4123359.92	13.81759	0.85491	1.53051	0.15317	4.58124	9.31E-02	6.33E-03	6.15E-03	3.36E-06	2.61E-04	4.28E-07	3.33E-05	1.61E-06	1.26E-04	9.33E-02	6.36E-03	6.28E-03	1.06E-01
547	UCART1	593687.59	4123359.92	593687.59, 4123359.92	10.72993	0.61927	1.02796	0.13398	4.21663	7.23E-02	4.58E-03	4.13E-03	2.94E-06	2.40E-04	3.74E-07	3.07E-05	1.41E-06	1.16E-04	7.25E-02	4.61E-03	4.25E-03	8.14E-02
548	UCART1	593727.59	4123359.92	593727.59, 4123359.92	8.08979	0.46539	0.73652	0.1182	6.93838	5.45E-02	3.44E-03	2.96E-03	2.59E-06	3.95E-04	3.30E-07	5.04E-05	1.25E-06	1.90E-04	5.49E-02	3.49E-03	3.15E-03	6.15E-02
549	UCART1	593767.59	4123359.92	593767.59, 4123359.92	4.61282	0.36154	0.55266	0.10516	2.43535	3.11E-02	2.68E-03	2.22E-03	2.30E-06	1.39E-04	2.94E-07	1.77E-05	1.11E-06	6.67E-05	3.12E-02	2.69E-03	2.29E-03	3.62E-02
550	UCART1	593807.59	4123359.92	593807.59, 4123359.92	2.63702	0.28894	0.42963	0.09426	1.09407	1.78E-02	2.14E-03	1.73E-03	2.07E-06	6.24E-05	2.63E-07	7.95E-06	9.93E-07	3.00E-05	1.78E-02	2.15E-03	1.76E-03	2.17E-02
551	UCART1	593847.59	4123359.92	593847.59, 4123359.92	1.62032	0.23646	0.34359	0.08507	0.62154	1.09E-02	1.75E-03	1.38E-03	1.86E-06	3.54E-05	2.38E-07	4.52E-06	8.96E-07	1.70E-05	1.09E-02	1.75E-03	1.40E-03	1.41E-02
552	UCART1	593887.59	4123359.92	593887.59, 4123359.92	1.0723	0.19747	0.28118	0.07726	0.40993	7.22E-03	1.46E-03	1.13E-03	1.69E-06	2.34E-05	2.16E-07	2.98E-06	8.14E-07	1.12E-05	7.25E-03	1.46E-03	1.14E-03	9.85E-03
553	UCART1	593927.59	4123359.92	593927.59, 4123359.92	0.75447	0.16775	0.23453	0.07058	0.2968	5.08E-03	1.24E-03	9.43E-04	1.55E-06	1.69E-05	1.97E-07	2.16E-06	7.44E-07	8.13E-06	5.10E-03	1.24E-03	9.52E-04	7.30E-03
554	UCART1	593967.59	4123359.92	593967.59, 4123359.92	0.5572	0.1446	0.19875	0.06481	0.22841	3.75E-03	1.07E-03	7.99E-04	1.42E-06	1.30E-05	1.81E-07	1.66E-06	6.83E-07	6.26E-06	3.77E-03	1.07E-03	8.06E-04	5.64E-03
555	UCART1	594007.59	4123359.92	594007.59, 4123359.92	0.42755	0.12621	0.17074	0.05977	0.18342	2.88E-03	9.34E-04	6.86E-04	1.31E-06	1.05E-05	1.67E-07	1.33E-06	6.30E-07	5.03E-06	2.89E-03	9.35E-04	6.92E-04	4.52E-03

412	1.5E-07	4.5E-07	2.6E-07	4.3E-07	2.0E-07	1.8E-07	8.4E-08	4.9E-09	1.2E-07	3.3E-08	2.9E-08	8.6E-09	7.3E-09	0.0E+00	2.0E-07
413	1.6E-07	4.8E-07	2.8E-07	4.8E-07	2.2E-07	2.0E-07	9.3E-08	5.3E-09	1.3E-07	3.6E-08	3.2E-08	9.5E-09	8.1E-09	0.0E+00	2.2E-07
414	1.8E-07	5.3E-07	3.1E-07	5.4E-07	2.5E-07	2.3E-07	1.0E-07	5.9E-09	1.4E-07	3.9E-08	3.7E-08	1.1E-08	9.0E-09	0.0E+00	2.4E-07
415	2.0E-07	6.0E-07	3.5E-07	6.2E-07	2.8E-07	2.6E-07	1.2E-07	6.6E-09	1.6E-07	4.4E-08	4.2E-08	1.2E-08	1.0E-08	0.0E+00	2.7E-07
416	2.2E-07	6.7E-07	3.9E-07	7.1E-07	3.2E-07	2.9E-07	1.3E-07	7.4E-09	1.8E-07	4.9E-08	4.8E-08	1.4E-08	1.2E-08	0.0E+00	3.1E-07
417	2.5E-07	7.4E-07	4.3E-07	8.4E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	2.0E-07	5.5E-08	5.7E-08	1.6E-08	1.3E-08	0.0E+00	3.5E-07
418	2.7E-07	8.3E-07	4.8E-07	1.0E-06	4.2E-07	3.8E-07	1.7E-07	9.2E-09	2.2E-07	6.1E-08	6.8E-08	1.8E-08	1.5E-08	0.0E+00	3.9E-07
419	3.1E-07	9.3E-07	5.4E-07	1.2E-06	4.9E-07	4.5E-07	2.0E-07	1.0E-08	2.5E-07	6.8E-08	8.3E-08	2.1E-08	1.8E-08	0.0E+00	4.5E-07
420	3.5E-07	1.1E-06	6.2E-07	1.5E-06	5.9E-07	5.3E-07	2.4E-07	1.2E-08	2.8E-07	7.8E-08	1.0E-07	2.5E-08	2.1E-08	0.0E+00	5.2E-07
421	4.2E-07	1.3E-06	7.3E-07	1.9E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	3.3E-07	9.2E-08	1.3E-07	3.1E-08	2.6E-08	0.0E+00	6.3E-07
422	5.3E-07	1.6E-06	9.2E-07	2.6E-06	9.3E-07	8.5E-07	3.9E-07	1.8E-08	4.3E-07	1.2E-07	1.8E-07	4.0E-08	3.4E-08	0.0E+00	8.1E-07
423	7.0E-07	2.1E-06	1.2E-06	3.6E-06	1.3E-06	1.1E-06	5.2E-07	2.3E-08	5.7E-07	1.6E-07	2.4E-07	5.4E-08	4.5E-08	0.0E+00	1.1E-06
424	8.1E-07	2.5E-06	1.4E-06	5.3E-06	1.6E-06	1.5E-06	6.8E-07	2.7E-08	6.6E-07	1.8E-07	3.6E-07	7.0E-08	5.9E-08	0.0E+00	1.4E-06
425	9.7E-07	2.9E-06	1.7E-06	8.7E-06	2.3E-06	2.1E-06	9.4E-07	3.2E-08	7.8E-07	2.1E-07	5.9E-07	9.7E-08	8.2E-08	0.0E+00	1.8E-06
426	1.1E-06	3.4E-06	2.0E-06	1.6E-05	3.4E-06	3.1E-06	1.4E-06	3.7E-08	9.0E-07	2.5E-07	1.1E-06	1.4E-07	1.2E-07	0.0E+00	2.5E-06
427	1.4E-06	4.2E-06	2.4E-06	3.0E-05	5.6E-06	5.1E-06	2.3E-06	4.6E-08	1.1E-06	3.1E-07	2.0E-06	2.4E-07	2.0E-07	0.0E+00	3.9E-06
428	1.7E-06	5.1E-06	2.9E-06	4.4E-05	1.0E-05	9.1E-06	4.2E-06	5.6E-08	1.4E-06	3.7E-07	3.0E-06	4.3E-07	3.6E-07	0.0E+00	5.5E-06
429	2.1E-06	6.5E-06	3.8E-06	3.9E-05	1.9E-05	1.8E-05	8.1E-06	7.2E-08	1.7E-06	4.8E-07	2.7E-06	8.3E-07	7.0E-07	0.0E+00	6.5E-06
430	2.8E-06	8.4E-06	4.9E-06	3.0E-05	2.9E-05	2.6E-05	1.2E-05	9.3E-08	2.3E-06	6.2E-07	2.0E-06	1.2E-06	1.0E-06	0.0E+00	7.2E-06
431	3.9E-06	1.2E-05	6.8E-06	2.2E-05	3.4E-05	3.1E-05	1.4E-05	1.3E-07	3.1E-06	8.6E-07	1.5E-06	1.5E-06	1.2E-06	0.0E+00	8.3E-06
432	5.6E-06	1.7E-05	9.7E-06	1.6E-05	3.5E-05	3.2E-05	1.5E-05	1.9E-07	4.5E-06	1.2E-06	1.1E-06	1.5E-06	1.3E-06	0.0E+00	9.8E-06
433	9.0E-06	2.7E-05	1.6E-05	1.2E-05	3.1E-05	2.8E-05	1.3E-05	3.0E-07	7.3E-06	2.0E-06	8.2E-07	1.3E-06	1.1E-06	0.0E+00	1.3E-05
434	1.3E-05	3.8E-05	2.2E-05	9.3E-06	2.1E-05	1.9E-05	8.7E-06	4.2E-07	1.0E-05	2.8E-06	6.3E-07	9.0E-07	7.6E-07	0.0E+00	1.6E-05
435	1.3E-05	3.9E-05	2.3E-05	7.1E-06	1.3E-05	1.2E-05	5.5E-06	4.4E-07	1.1E-05	2.9E-06	4.8E-07	5.6E-07	4.8E-07	0.0E+00	1.5E-05
436	1.1E-05	3.3E-05	1.9E-05	5.5E-06	8.4E-06	7.6E-06	3.5E-06	3.7E-07	8.9E-06	2.5E-06	3.7E-07	3.5E-07	3.0E-07	0.0E+00	1.3E-05
437	8.9E-06	2.7E-05	1.6E-05	4.2E-06	5.4E-06	4.9E-06	2.2E-06	3.0E-07	7.2E-06	2.0E-06	2.9E-07	2.3E-07	2.0E-07	0.0E+00	1.0E-05
438	7.3E-06	2.2E-05	1.3E-05	3.3E-06	3.7E-06	3.3E-06	1.5E-06	2.4E-07	5.9E-06	1.6E-06	2.2E-07	1.6E-07	1.3E-07	0.0E+00	8.2E-06
439	5.9E-06	1.8E-05	1.0E-05	2.6E-06	2.6E-06	2.4E-06	1.1E-06	2.0E-07	4.8E-06	1.3E-06	1.7E-07	1.1E-07	9.4E-08	0.0E+00	6.7E-06
440	4.7E-06	1.4E-05	8.3E-06	2.0E-06	1.9E-06	1.7E-06	7.9E-07	1.6E-07	3.8E-06	1.1E-06	1.4E-07	8.1E-08	6.9E-08	0.0E+00	5.3E-06
441	3.8E-06	1.1E-05	6.6E-06	1.6E-06	1.4E-06	1.3E-06	6.0E-07	1.3E-07	3.0E-06	8.4E-07	1.1E-07	6.1E-08	5.2E-08	0.0E+00	4.2E-06
442	3.0E-06	8.9E-06	5.2E-06	1.3E-06	1.1E-06	1.0E-06	4.6E-07	9.9E-08	2.4E-06	6.6E-07	8.9E-08	4.8E-08	4.0E-08	0.0E+00	3.3E-06
443	2.3E-06	7.0E-06	4.0E-06	1.1E-06	8.9E-07	8.1E-07	3.7E-07	7.7E-08	1.9E-06	5.2E-07	7.3E-08	3.8E-08	3.2E-08	0.0E+00	2.6E-06
444	1.8E-06	5.5E-06	3.2E-06	9.1E-07	7.3E-07	6.6E-07	3.0E-07	6.1E-08	1.5E-06	4.1E-07	6.2E-08	3.1E-08	2.6E-08	0.0E+00	2.1E-06
445	1.2E-07	3.5E-07	2.0E-07	3.1E-07	1.5E-07	1.4E-07	6.3E-08	3.9E-09	9.3E-08	2.6E-08	2.1E-08	6.4E-09	5.5E-09	0.0E+00	1.6E-07
446	1.2E-07	3.8E-07	2.2E-07	3.4E-07	1.6E-07	1.5E-07	6.8E-08	4.2E-09	1.0E-07	2.8E-08	2.3E-08	7.0E-09	5.9E-09	0.0E+00	1.7E-07
447	1.3E-07	4.1E-07	2.3E-07	3.8E-07	1.8E-07	1.6E-07	7.4E-08	4.5E-09	1.1E-07	3.0E-08	2.6E-08	7.6E-09	6.5E-09	0.0E+00	1.8E-07
448	1.5E-07	4.4E-07	2.6E-07	4.2E-07	2.0E-07	1.8E-07	8.2E-08	4.9E-09	1.2E-07	3.3E-08	2.8E-08	8.4E-09	7.1E-09	0.0E+00	2.0E-07
449	1.6E-07	4.9E-07	2.8E-07	4.7E-07	2.2E-07	2.0E-07	9.1E-08	5.4E-09	1.3E-07	3.6E-08	3.2E-08	9.3E-09	7.9E-09	0.0E+00	2.2E-07
450	1.8E-07	5.5E-07	3.2E-07	5.2E-07	2.5E-07	2.3E-07	1.0E-07	6.0E-09	1.5E-07	4.0E-08	3.5E-08	1.1E-08	9.0E-09	0.0E+00	2.5E-07
451	2.1E-07	6.3E-07	3.7E-07	5.9E-07	2.9E-07	2.6E-07	1.2E-07	7.0E-09	1.7E-07	4.7E-08	4.0E-08	1.2E-08	1.0E-08	0.0E+00	2.9E-07
452	2.5E-07	7.5E-07	4.3E-07	6.9E-07	3.4E-07	3.1E-07	1.4E-07	8.3E-09	2.0E-07	5.5E-08	4.7E-08	1.4E-08	1.2E-08	0.0E+00	3.4E-07
453	2.6E-07	7.9E-07	4.6E-07	7.9E-07	3.7E-07	3.4E-07	1.5E-07	8.8E-09	2.1E-07	5.9E-08	5.4E-08	1.6E-08	1.3E-08	0.0E+00	3.6E-07
454	2.8E-07	8.5E-07	4.9E-07	9.4E-07	4.2E-07	3.8E-07	1.7E-07	9.4E-09	2.3E-07	6.3E-08	6.4E-08	1.8E-08	1.5E-08	0.0E+00	4.0E-07
455	3.1E-07	9.4E-07	5.4E-07	1.1E-06	4.8E-07	4.3E-07	2.0E-07	1.0E-08	2.5E-07	6.9E-08	7.7E-08	2.0E-08	1.7E-08	0.0E+00	4.5E-07
456	3.5E-07	1.1E-06	6.1E-07	1.4E-06	5.6E-07	5.1E-07	2.3E-07	1.2E-08	2.8E-07	7.8E-08	9.6E-08	2.4E-08	2.0E-08	0.0E+00	5.1E-07
457	4.1E-07	1.2E-06	7.1E-07	1.8E-06	6.8E-07	6.2E-07	2.8E-07	1.4E-08	3.3E-07	9.1E-08	1.2E-07	2.9E-08	2.4E-08	0.0E+00	6.1E-07
458	5.1E-07	1.5E-06	9.0E-07	2.4E-06	8.7E-07	7.9E-07	3.6E-07	1.7E-08	4.1E-07	1.1E-07	1.6E-07	3.7E-08	3.1E-08	0.0E+00	7.7E-07
459	6.9E-07	2.1E-06	1.2E-06	3.3E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.6E-07	1.5E-07	2.3E-07	5.0E-08	4.2E-08	0.0E+00	1.1E-06
460	8.4E-07	2.5E-06	1.5E-06	4.9E-06	1.5E-06	1.4E-06	6.4E-07	2.8E-08	6.8E-07	1.9E-07	3.3E-07	6.5E-08	5.5E-08	0.0E+00	1.3E-06
461	9.2E-07	2.8E-06	1.6E-06	8.0E-06	2.0E-06	1.8E-06	8.3E-07	3.1E-08	7.5E-07	2.1E-07	5.4E-07	8.6E-08	7.3E-08	0.0E+00	1.7E-06
462	1.1E-06	3.3E-06	1.9E-06	1.7E-05	2.9E-06	2.7E-06	1.2E-06	3.7E-08	8.9E-07	2.5E-07	1.1E-06	1.2E-07	1.1E-07	0.0E+00	2.5E-06
463	1.4E-06	4.2E-06	2.4E-06	5.2E-05	4.9E-06	4.5E-06	2.0E-06	4.6E-08	1.1E-06	3.1E-07	3.5E-06	2.1E-07	1.8E-07	0.0E+00	5.4E-06
464	1.8E-06	5.4E-06	3.2E-06	9.5E-05	1.1E-05	9.6E-06	4.4E-06	6.0E-08	1.5E-06	4.0E-07	6.4E-06	4.5E-07	3.8E-07	0.0E+00	9.2E-06
465	2.4E-06	7.3E-06	4.2E-06	1.3E-04	2.1E-05	1.9E-05	8.8E-06	8.0E-08	1.9E-06	5.4E-07	8.6E-06	9.0E-07	7.7E-07	0.0E+00	1.3E-05
466	3.4E-06	1.0E-05	5.9E-06	5.9E-05	6.1E-05	5.5E-05	2.5E-05	1.1E-07	2.7E-06	7.6E-07	4.0E-06	2.6E-06	2.2E-06	0.0E+00	1.2E-05
467	4.9E-06	1.5E-05	8.6E-06	3.4E-05	7.4E-05	6.7E-05	3.1E-05	1.6E-07	4.0E-06	1.1E-06	2.3E-06	3.2E-06	2.7E-06	0.0E+00	1.3E-05
468	7.1E-06	2.1E-05	1.2E-05	2.3E-05	7.6E-05	6.9E-05	3.2E-05	2.4E-07	5.7E-06	1.6E-06	1.5E-06	3.2E-06	2.7E-06	0.0E+00	1.5E-05
469	1.3E-05	3.9E-05	2.3E-05	1.6E-05	7.7E-05	7.0E-05	3.2E-05	4.3E-07	1.0E-05	2.9E-06	1.1E-06	3.3E-06	2.8E-06	0.0E+00	2.1E-05
470	1.9E-05	5.7E-05	3.3E-05	1.2E-05	4.5E-05	4.1E-05	1.9E-05	6.3E-07	1.5E-05	4.2E-06	7.8E-07	1.9E-06	1.6E-06	0.0E+00	2.5E-05
471	2.5E-05	7.6E-05	4.4E-05	8.5E-06	2.1E-05	1.9E-05	8.6E-06	8.4E-07	2.0E-05	5.6E-06	5.8E-07	8.8E-07	7.5E-07	0.0E+00	2.9E-05
472	2.6E-05	7.9E-05	4.5E-05	6.3E-06	1.1E-05	9.7E-06	4.4E-06	8.7E-07	2.1E-05	5.8E-06	4.2E-07	4.6E-07	3.9E-07	0.0E+00	2.9E-05
473	1.6E-05	4.8E-05	2.8E-05	4.7E-06	6.3E-06	5.7E-06	2.6E-06	5.3E-07	1.3E-05	3.5E-06	3.2E-07	2.7E-07	2.3E-07	0.0E+00	1.8E-05
474	1.2E-05	3.6E-05	2.1E-05	3.5E-06	4.0E-06	3.6E-06	1.6E-06	3.9E-07	9.5E-06	2.6E-06	2.4E-07	1.7E-07	1.4E-07	0.0E+00	1.3E-05
475	8.9E-06	2.7E-05	1.6E-05	2.7E-06	2.7E-06	2.4E-06	1.1E-06	3.0E-07	7.2E-06	2.0E-06	1.8E-07	1.1E-07	9.6E-08	0.0E+00	9.9E-06
476	6.7E-06	2.0E-05	1.2E-05	2.1E-06	1.9E-06	1.7E-06	7.9E-07	2.2E-07	5.4E-06	1.5E-06	1.4E-07	8.1E-08	6.9E-08	0.0E+00	7.4E-06
477	5.0E-06	1.5E-05	8.7E-06	1.6E-06	1.4E-06	1.3E-06	5.9E-07	1.7E-07	4.0E-06	1.1E-06	1.1E-07	6.1E-08	5.1E-08	0.0E+00	5.5E-06
478	3.7E-06	1.1E-05	6.5E-06	1.3E-06	1.1E-06	1.0E-06	4.6E-07	1.2E-07	3.0E-06	8.2E-07	8.9E-08	4.7E-08	4.0E-08	0.0E+00	4.1E-06
479	2.7E-06	8.3E-06	4.8E-06	1.1E-06	8.7E-07	7.9E-07	3.6E-07	9.2E-08	2.2E-06	6.1E-07	7.3E-08	3.7E-08	3.1E-08	0.0E+00	3.1E-06
480	2.1E-06	6.2E-06	3.6E-06	9.0E-07	7.1E-07	6.4E-07	2.9E-07	6.9E-08	1.7E-06	4.6E-07	6.1E-08	3.0E-08	2.6E-08	0.0E+00	2.3E-06
481	1.6E-06	4.8E-06	2.8E-06	7.6E-07	5.9E-07	5.3E-07	2.4E-07	5.3E-08	1.3E-06	3.5E-07	5.2E-08	2.5E-08	2.1E-08	0.0E+00	1.8E-06
482	1.2E-07	3.7E-07	2.1E-07	3.3E-07	1.6E-07	1.5E-07	6.6E-08	4.1E-09	9.8E-08	2.7E-08	2.3E-08	6.8E-09	5.8E-09	0.0E+00	1.6E-07
483	1.3E-07	4.0E-07	2.3E-07	3.6E-07	1.7E-07	1.6E-07	7.2E-08	4.4E-09	1.1E-07	2.9E-08	2.5E-08	7.4E-09	6.3E-09	0.0E+00	1.8E-07
484	1.4E-07	4.3E-07	2.5E-07	4.0E-07	1.9E-07	1.7E-07	7.9E-08	4.8E-09	1.2E-07	3.2E-08	2.7E-08	8.1E-09	6.9E-09	0.0E+00	1.9E-07
485	1.6E-07	4.7E-07	2.7E-07	4.5E-07	2.1E-07	1.9E-07	8.8E-08	5.2E-09	1.3E-07	3.5E-08	3.1E-08	9.0E-09	7.6E-09	0.0E+00	2.1E-07
486	1.8E-07	5.3E-07	3.1E-07	5.1E-07	2.4E-07	2.2E-07	9.9E-08	5.9E-09	1.4E-07	3.9E-08	3.4E-08	1.0E-08	8.6E-09	0.0E+00	2.4E-07
487	2.2E-07	6.6E-07	3.8E-07	5.8E-07	2.9E-07	2.6E-07	1.2E-07	7.3E-09	1.8E-07	4.9E-08	3.9E-08	1.2E-08	1.0E-08	0.0E+00	3.0E-07
488	2.3E-07	7.0E-07	4.0E-07	6.5E-07	3.2E-07	2.9E-07	1.3E-07	7.7E-09	1.9E-07	5.1E-08	4.4E-08	1.3E-08	1.1E-08	0.0E+00	3.1E-07
489	3.4E-07	1.0E-06	6.0E-07	7.7E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-08	2.8E-07	7.6E-08	5.3E-08	1.8E-08	1.6E-08	0.0E+00	4.5E-07
490	3.2E-07	9.5E-07	5.5E-07	8.9E-07	4.4E-07	4.0E-07	1.8E-07	1.1E-08	2.5E-07	7.0E-08	6.1E-08	1.9E-08	1.6E-08	0.0E+00	4.3E-07
491	3.3E-07	9.8E-07	5.7E-07	1.1E-06	4.8E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	7.2E-08	7.3E-08	2.0E-08	1.7E-08	0.0E+00	4.6E-07
492	3.5E-07	1.1E-06	6.2E-07	1.3E-06	5.5E-07	5.0E-07	2.3E-07	1.2E-08	2.9E-07	7.9E-08	8.9E-08	2.3E-08	2.0E-08	0.0E+00	5.1E-07
493	4.0E-07	1.2E-06	7.0E-07	1.6E-06	6.5E-07	5.9E-07	2.7E-07	1.3E-08	3.2E-07	8.9E-08	1.1E-07	2.8E-08	2.3E-08	0.0E+00	5.9E-07
494	4.8E-07	1.5E-06	8.4E-07	2.2E-06	8.1E-07	7.3E-07	3.3E-07	1.6E-08	3.9E-07	1.1E-07	1.5E-07	3.4E-08	2.9E-08	0.0E+00	7.2E-07
495	6.5E-07	2.0E-06	1.1E-06	3.0E-06	1.1E-06	9.8E-07	4.5E-07	2.2E-08	5.2E-07	1.4E-07	2.0E-07	4.6E-08	3.9E-08	0.0E+00	9.7E-07
496	7.7E-07	2.3E-06	1.4E-06	4.3E-06	1.4E-06	1.3E-06	5.8E-07	2.6E-08	6.2E-07	1.7E-07	2.9E-07	5.9E-08	5.0E-08	0.0E+00	1.2E-06
497	8.7E-07	2.6E-06	1.5E-06	6.9E-06	1.8E-06	1.6E-06	7.5E-07	2.9E-08	7.0E-07	1.9E-07	4.7E-07	7.7E-08	6.5E-08	0.0E+00	1.5E-06
498	1.0E-06	3.1E-06	1.8E-06	1.3E-05	2.6E-06	2.3E-06	1.1E-06	3.4E-08	8.2E-07	2.3E-07	8.8E-07	1.1E-07	9.2E-08	0.0E+00	2.2E-06
499	1.3E-06	3.9E-06	2.3E-06	3.3E-05	4.1E-06	3.7E-06	1.7E-06	4.3E-08	1.0E-06	2.9E-07	2.2E-06	1.7E-07	1.5E-07	0.0E+00	3.9E-06
500	1.8E-06	5.3E-06	3.1E-06	8.4E-05	7.7E-06	7.0E-06	3.2E-06	5.9E-08	1.4E-06	3.9E-07	5.7E-06	3.3E-07	2.8E-07	0.0E+00	8.2E-06
501	2.6E-06	7.9E-06	4.6E-06	1.5E-04	1.9E-05	1.8E-05	8.0E-06	8.7E-08	2.1E-06	5.8E-07	1.0E-05	8.2E-07	7.0E-07	0.0E+00	1.4E-05
502	4.2E-06	1.3E-05	7.3E-06	1.3E-04	4.5E-05	4.1E-05	1.9E-05	1.4E-07	3.4E-06	9.3E-07	8.8E-06	1.9E-06	1.6E-06	0.0E+00	1.7E-05
503	7.2E-06	2.2E-05	1.3E-05	5.9E-05	7.9E-05	7.2E-05	3.3E-05	2.4E-07	5.8E-06	1.6E-06	4.0E-06	3.4E-06	2.9E-06	0.0E+00	1.8E-05
504	1.1E-05	3.3E-05	1.9E-05	3.4E-05	9.0E-05	8.2E-05	3.7E-05	3.6E-07	8.8E-06	2.4E-06	2.3E-06	3.8E-06	3.2E-06	0.0E+00	2.1E-05
505	1.5E-05	4.5E-05	2.6E-05	2.2E-05	8.4E-05	7.6E-05	3.5E-05	5.0E-07	1.2E-05	3.3E-06	1.5E-06	3.6E-06	3.0E-06	0.0E+00	2.4E-05
506	2.2E-05	6.8E-05	3.9E-05	1.5E-05	5.8E-05	5.3E-05	2.4E-05	7.5E-07	1.8E-05	5.0E-06	1.0E-06	2.5E-06	2.1E-06	0.0E+00	2.9E-05
507	3.1E-05	9.2E-05	5.3E-05	1.0E-05	3.2E-05	2.9E-05	1.3E-05	1.0E-06	2.5E-05	6.8E-06	6.9E-07	1.4E-06	1.2E-06	0.0E+00	3.6E-05
508	3.1E-05	9.5E-05	5.5E-05	7.2E-06	1.2E-05	1.1E-05	5.2E-06	1.0E-06	2.5E-05	7.0E-06	4.9E-07	5.3E-07	4.5E-07	0.0E+00	3.5E-05
509	2.5E-05	7.7E-05	4.4E-05	5.1E-06	6.4E-06	5.8E-06	2.7E-06	8.5E-07	2.0E-05	5.6E-06	3.5E-07	2.7E-07	2.3E-07	0.0E+00	2.8E-05
510	2.4E-05	7.3E-05	4.2E-05	3.7E-06	4.0E-06	3.6E-06	1.7E-06	8.1E-07	2.0E-05	5.4E-06	2.5E-07	1.7E-07	1.4E-07	0.0E+00	2.6E-05
511	1.6E-05	4.7E-05	2.7E-05	2.7E-06	2.7E-06	2.4E-06	1.1E-06	5.2E-07	1.3E-05	3.5E-06	1.9E-07	1.1E-07	9.5E-08	0.0E+00	1.7E-05
512	1.0E-05	3.1E-05	1.8E-05	2.1E-06	1.9E-06	1.7E-06	7.7E-07	3.5E-07	8.3E-06	2.3E-06	1.4E-07	7.9E-08	6.7E-08	0.0E+00	1.1E-05
513	7.0E-06	2.1E-05	1.2E-05	1.6E-06	1.4E-06	1.3E-06	5.7E-07	2.3E-07	5.6E-06	1.6E-06	1.1E-07	5.9E-08	5.0E-08	0.0E+00	7.6E-06
514	4.7E-06	1.4E-05	8.2E-06	1.3E-06	1.1E-06	9.7E-07	4.4E-07	1.6E-07	3.8E-06	1.0E-06	8.9E-08	4.5E-08	3.9E-08	0.0E+00	5.2E-06
515	3.2E-06	9.8E-06	5.7E-06	1.1E-06	8.5E-07	7.7E-07	3.5E-07	1.1E-07	2.6E-06	7.2E-07	7.2E-08	3.6E-08	3.1E-08	0.0E+00	3.6E-06
516	2.3E-06	7.0E-06	4.0E-06	8.9E-07	6.9E-07	6.3E-07	2.9E-07	7.7E-08	1.9E-06	5.1E-07	6.0E-08	2.9E-08	2.5E-08	0.0E+00	2.6E-06
517	1.7E-06	5.1E-06	3.0E-06	7.5E-07	5.8E-07	5.2E-07	2.4E-07	5.7E-08	1.4E-06	3.8E-07	5.1E-08	2.5E-08	2.1E-08	0.0E+00	1.9E-06
518	1.3E-06	3.9E-06	2.2E-06	6.5E-07	4.9E-07	4.4E-07	2.0E-07	4.3E-08	1.0E-06	2.9E-07	4.4E-08	2.1E-08	1.8E-08	0.0E+00	1.4E-06
519	1.3E-07	3.9E-07	2.2E-07	3.5E-07	1.7E-07	1.5E-07	7.0E-08	4.3E-09	1.0E-07	2.9E-08	2.4E-08	7.2E-09	6.1E-09	0.0E+00	1.7E-07
520	1.4E-07	4.2E-07	2.4E-07	3.9E-07	1.9E-07	1.7E-07	7.7E-08	4.7E-09	1.1E-07	3.1E-08	2.6E-08	7.9E-09	6.7E-09	0.0E+00	1.9E-07
521	1.5E-07	4.6E-07	2.7E-07	4.3E-07	2.1E-07	1.9E-07	8.5E-08	5.1E-09	1.2E-07	3.4E-08	2.9E-08	8.7E-09	7.4E-09	0.0E+00	2.1E-07
522	1.7E-07	5.1E-07	3.0E-07	4.8E-07	2.3E-07	2.1E-07	9.5E-08	5.7E-09	1.4E-07	3.8E-08	3.3E-08	9.8E-09	8.3E-09	0.0E+00	2.3E-07
523	2.0E-07	5.9E-07	3.4E-07	5.5E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-09	1.6E-07	4.4E-08	3.7E-08	1.1E-08	9.6E-09	0.0E+00	2.7E-07
524	2.5E-07	7.6E-07	4.4E-07	6.3E-07	3.3E-07	3.0E-07	1.4E-07	8.4E-09	2.0E-07	5.6E-08	4.3E-08	1.4E-08	1.2E-08	0.0E+00	3.3E-07
525	3.3E-07	1.0E-06	5.8E-07	7.4E-07	4.2E-07	3.8E-07	1.7E-07	1.1E-08	2.7E-07	7.4E-08	5.0E-08	1.8E-08	1.5E-08	0.0E+00	4.4E-07
526	4.5E-07	1.4E-06	7.9E-07	8.8E-07	5.4E-07	4.9E-07	2.2E-07	1.5E-08	3.6E-07	1.0E-07	6.0E-08	2.3E-08	1.9E-08	0.0E+00	5.8E-07
527	3.8E-07	1.1E-06	6.6E-07	1.0E-06	5.1E-07	4.6E-07	2.1E-07	1.3E-08	3.0E-07	8.4E-08	6.9E-08	2.2E-08	1.8E-08	0.0E+00	5.1E-07
528	3.7E-07	1.1E-06	6.5E-07	1.2E-06	5.5E-07	5.0E-07	2.3E-07	1.3E-08	3.0E-07	8.3E-08	8.3E-08	2.3E-08	2.0E-08	0.0E+00	5.2E-07
529	4.1E-07	1.2E-06	7.1E-07	1.5E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	3.3E-07	9.0E-08	1.0E-07	2.7E-08	2.3E-08	0.0E+00	5.8E-07
530	4.7E-07	1.4E-06	8.2E-07	2.0E-06	7.7E-07	7.0E-07	3.2E-07	1.6E-08	3.8E-07	1.0E-07	1.3E-07	3.3E-08	2.8E-08	0.0E+00	6.9E-07
531	5.7E-07	1.7E-06	9.9E-07	2.7E-06	9.8E-07	8.9E-07	4.1E-07	1.9E-08	4.6E-07	1.3E-07	1.8E-07	4.2E-08	3.5E-08	0.0E+00	8.6E-07
532	7.1E-07	2.1E-06	1.2E-06	3.8E-06	1.3E-06	1.2E-06	5.3E-07	2.4E-08	5.7E-07	1.6E-07	2.6E-07	5.5E-08	4.6E-08	0.0E+00	1.1E-06
533	9.0E-07	2.7E-06	1.6E-06	5.9E-06	1.7E-06	1.6E-06	7.2E-07	3.0E-08	7.2E-07	2.0E-07	4.0E-07	7.4E-08	6.3E-08	0.0E+00	1.5E-06
534	9.7E-07	2.9E-06	1.7E-06	1.0E-05	2.3E-06	2.1E-06	9.6E-07	3.2E-08	7.8E-07	2.2E-07	6.8E-07	9.8E-08	8.4E-08	0.0E+00	1.9E-06
535	1.2E-06	3.6E-06	2.1E-06	1.9E-05	3.4E-06	3.1E-06	1.4E-06	4.0E-08	9.7E-07	2.7E-07	1.3E-06	1.5E-07	1.2E-07	0.0E+00	2.8E-06
536	1.6E-06	4.9E-06	2.8E-06	4.0E-05	5.7E-06	5.1E-06	2.3E-06	5.4E-08	1.3E-06	3.6E-07	2.7E-06	2.4E-07	2.0E-07	0.0E+00	4.9E-06
537	2.5E-06	7.4E-06	4.3E-06	8.5E-05	1.0E-05	9.4E-06	4.3E-06	8.2E-08	2.0E-06	5.5E-07	5.8E-06	4.4E-07	3.7E-07	0.0E+00	9.2E-06
538	4.5E-06	1.4E-05	7.8E-06	1.3E-04	2.1E-05	1.9E-05	8.5E-06	1.5E-07	3.6E-06	9.9E-07	8.8E-06	8.7E-07	7.4E-07	0.0E+00	1.5E-05
539	7.7E-06	2.3E-05	1.3E-05	1.4E-04	3.6E-05	3.2E-05	1.5E-05	2.6E-07	6.2E-06	1.7E-06	9.6E-06	1.5E-06	1.3E-06	0.0E+00	2.1E-05
540	1.6E-05	4.7E-05	2.7E-05	5.7E-05	4.3E-05	3.9E-05	1.8E-05	5.2E-07	1.3E-05	3.5E-06	3.9E-06	1.8E-06	1.6E-06	0.0E+00	2.4E-05
541	2.1E-05	6.4E-05	3.7E-05	3.2E-05	5.0E-05	4.5E-05	2.1E-05	7.1E-07	1.7E-05	4.7E-06	2.2E-06	2.1E-06	1.8E-06	0.0E+00	2.9E-05
542	3.0E-05	9.0E-05	5.2E-05	2.0E-05	4.5E-05	4.1E-05	1.9E-05	9.9E-07	2.4E-05	6.6E-06	1.3E-06	1.9E-06	1.6E-06	0.0E+00	3.7E-05
543	3.7E-05	1.1E-04	6.5E-05	1.3E-05	2.5E-05	2.2E-05	1.0E-05	1.2E-06	3.0E-05	8.2E-06	8.6E-07	1.1E-06	8.9E-07	0.0E+00	4.2E-05
544	3.6E-05	1.1E-04	6.4E-05	8.2E-06	1.2E-05	1.1E-05	5.0E-06	1.2E-06	2.9E-05	8.1E-06	5.6E-07	5.1E-07	4.3E-07	0.0E+00	4.0E-05
545	3.5E-05	1.1E-04	6.1E-05	5.5E-06	6.2E-06	5.6E-06	2.5E-06	1.2E-06	2.8E-05	7.8E-06	3.7E-07	2.6E-07	2.2E-07	0.0E+00	3.8E-05
546	3.2E-05	9.8E-05	5.6E-05	3.8E-06	3.8E-06	3.4E-06	1.6E-06	1.1E-06	2.6E-05	7.2E-06	2.6E-07	1.6E-07	1.4E-07	0.0E+00	3.5E-05
547	2.5E-05	7.6E-05	4.4E-05	2.8E-06	2.6E-06	2.3E-06	1.1E-06	8.4E-07	2.0E-05	5.6E-06	1.9E-07	1.1E-07	9.3E-08	0.0E+00	2.7E-05
548	1.9E-05	5.7E-05	3.3E-05	2.1E-06	1.9E-06	1.7E-06	7.9E-07	6.3E-07	1.5E-05	4.2E-06	1.4E-07	8.1E-08	6.9E-08	0.0E+00	2.0E-05
549	1.1E-05	3.3E-05	1.9E-05	1.6E-06	1.4E-06	1.3E-06	5.7E-07	3.6E-07	8.7E-06	2.4E-06	1.1E-07	5.9E-08	5.0E-08	0.0E+00	1.2E-05
550	6.2E-06	1.9E-05	1.1E-05	1.3E-06	1.1E-06	9.6E-07	4.4E-07	2.1E-07	5.0E-06	1.4E-06	8.8E-08	4.5E-08	3.8E-08	0.0E+00	6.7E-06
551	3.8E-06	1.1E-05	6.6E-06	1.1E-06	8.5E-07	7.7E-07	3.5E-07	1.3E-07	3.1E-06	8.4E-07	7.2E-08	3.6E-08	3.0E-08	0.0E+00	4.2E-06
552	2.5E-06	7.6E-06	4.4E-06	8.9E-07	6.9E-07	6.3E-07	2.9E-07	8.4E-08	2.0E-06	5.6E-07	6.0E-08	2.9E-08	2.5E-08	0.0E+00	2.8E-06
553	1.8E-06	5.3E-06	3.1E-06	7.5E-07	5.8E-07	5.2E-07	2.4E-07	5.9E-08	1.4E-06	3.9E-07	5.1E-08	2.4E-08	2.1E-08	0.0E+00	2.0E-06
554	1.3E-06	3.9E-06	2.3E-06	6.5E-07	4.9E-07	4.4E-07	2.0E-07	4.4E-08	1.1E-06	2.9E-07	4.4E-08	2.1E-08	1.8E-08	0.0E+00	1.5E-06
555	1.0E-06	3.0E-06	1.7E-06	5.7E-07	4.2E-07	3.8E-07	1.7E-07	3.3E-08	8.1E-07	2.2E-07	3.8E-08	1.8E-08	1.5E-08	0.0E+00	1.1E-06

CONSTRUCTION RISK (UNMITIGATED)

556	UCART1	592567.59	4123399.92	592567.59, 4123399.92	0.05539	0.08342	0.07225	0.55554	0.13239	3.73E-04	6.17E-04	2.90E-04	1.22E-05	7.55E-06	1.55E-06	9.63E-07	5.85E-06	3.63E-06	3.93E-04	6.20E-04	3.00E-04	1.31E-03	1.4E-07	4.1E-07	2.4E-07	3.8E-07	1.8E-07	1.6E-07	7.5E-08	4.5E-09	1.1E-07	3.0E-08	2.5E-08	7.7E-09	6.5E-09	0.0E+00	1.8E-07
557	UCART1	592607.59	4123399.92	592607.59, 4123399.92	0.05958	0.09234	0.07914	0.79432	0.15479	4.01E-04	6.83E-04	3.18E-04	1.74E-05	8.82E-06	2.22E-06	1.13E-06	8.37E-06	4.24E-06	4.27E-04	6.87E-04	3.31E-04	1.44E-03	1.5E-07	4.5E-07	2.6E-07	4.2E-07	2.0E-07	1.8E-07	8.3E-08	4.9E-09	1.2E-07	3.3E-08	2.8E-08	8.5E-09	7.2E-09	0.0E+00	2.0E-07
558	UCART1	592647.59	4123399.92	592647.59, 4123399.92	0.06443	0.10299	0.08712	1.21555	0.18421	4.34E-04	7.62E-04	3.50E-04	2.66E-05	1.05E-05	3.40E-06	1.34E-06	1.28E-05	5.05E-06	4.71E-04	7.67E-04	3.68E-04	1.61E-03	1.6E-07	4.9E-07	2.9E-07	4.6E-07	2.2E-07	2.0E-07	9.2E-08	5.4E-09	1.3E-07	3.6E-08	3.1E-08	9.4E-09	8.0E-09	0.0E+00	2.2E-07
559	UCART1	592687.59	4123399.92	592687.59, 4123399.92	0.07009	0.11583	0.09678	2.00688	0.22409	4.72E-04	8.57E-04	3.89E-04	4.40E-05	1.28E-05	5.61E-06	1.63E-06	2.11E-05	6.14E-06	5.29E-04	8.64E-04	4.16E-04	1.81E-03	1.8E-07	5.5E-07	3.2E-07	5.2E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-09	1.5E-07	4.1E-08	3.6E-08	1.1E-08	9.1E-09	0.0E+00	2.5E-07
560	UCART1	592727.59	4123399.92	592727.59, 4123399.92	0.07665	0.13194	0.10837	3.51917	0.27997	5.16E-04	9.76E-04	4.36E-04	7.71E-05	1.60E-05	9.84E-06	2.04E-06	3.71E-05	7.67E-06	6.09E-04	9.88E-04	4.80E-04	2.08E-03	2.1E-07	6.4E-07	3.7E-07	6.0E-07	2.9E-07	2.6E-07	1.2E-07	7.0E-09	1.7E-07	4.7E-08	4.1E-08	1.2E-08	1.0E-08	0.0E+00	2.9E-07
561	UCART1	592767.59	4123399.92	592767.59, 4123399.92	0.08441	0.15186	0.1226	6.53841	0.36172	5.68E-04	1.12E-03	4.93E-04	1.43E-04	2.06E-05	1.83E-05	2.63E-06	6.89E-05	9.91E-06	7.32E-04	1.14E-03	5.72E-04	2.45E-03	2.5E-07	7.7E-07	4.4E-07	6.9E-07	3.5E-07	3.1E-07	1.4E-07	8.5E-09	2.0E-07	5.6E-08	4.7E-08	1.5E-08	1.2E-08	0.0E+00	3.4E-07
562	UCART1	592807.59	4123399.92	592807.59, 4123399.92	0.0936	0.17656	0.14028	13.95174	0.48858	6.30E-04	1.31E-03	5.64E-04	3.06E-04	2.78E-05	3.90E-05	3.55E-06	1.47E-04	1.34E-05	9.64E-04	1.35E-03	7.24E-04	3.04E-03	3.3E-07	1.0E-06	5.8E-07	8.2E-07	4.4E-07	4.0E-07	1.8E-07	1.1E-08	2.7E-07	7.4E-08	5.5E-08	1.9E-08	1.6E-08	0.0E+00	4.4E-07
563	UCART1	592847.59	4123399.92	592847.59, 4123399.92	0.10489	0.2078	0.16234	12.47591	0.6936	7.06E-04	1.54E-03	6.53E-04	2.73E-04	3.95E-05	3.49E-05	5.04E-06	1.31E-04	1.90E-05	1.02E-03	1.58E-03	8.03E-04	3.40E-03	3.5E-07	1.1E-06	6.2E-07	9.5E-07	4.9E-07	4.4E-07	2.0E-07	1.2E-08	2.8E-07	7.9E-08	6.5E-08	2.1E-08	1.7E-08	0.0E+00	4.8E-07
564	UCART1	592887.59	4123399.92	592887.59, 4123399.92	0.11834	0.25178	0.1905	22.04341	1.07505	7.97E-04	1.86E-03	7.66E-04	4.83E-04	6.13E-05	6.16E-05	7.82E-06	2.32E-04	2.95E-05	1.34E-03	1.93E-03	1.03E-03	4.30E-03	4.6E-07	1.4E-06	8.1E-07	1.2E-06	6.2E-07	5.6E-07	2.6E-07	1.6E-08	3.7E-07	1.0E-07	7.9E-08	2.6E-08	2.2E-08	0.0E+00	6.2E-07
565	UCART1	592927.59	4123399.92	592927.59, 4123399.92	0.13454	0.31429	0.22756	12.18516	1.81156	9.06E-04	2.33E-03	9.15E-04	2.67E-04	1.03E-04	3.41E-05	1.32E-05	1.28E-04	4.96E-05	1.28E-03	2.37E-03	1.09E-03	4.74E-03	4.4E-07	1.3E-06	7.7E-07	1.4E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	3.6E-07	9.8E-08	9.7E-08	2.8E-08	2.4E-08	0.0E+00	6.2E-07
566	UCART1	592967.59	4123399.92	592967.59, 4123399.92	0.15541	0.40564	0.27728	7.77733	3.29131	1.05E-03	3.00E-03	1.11E-03	1.70E-04	1.88E-04	2.17E-05	2.39E-05	8.19E-05	9.02E-05	1.40E-03	3.05E-03	1.29E-03	5.74E-03	4.9E-07	1.5E-06	8.5E-07	1.8E-06	7.8E-07	7.1E-07	3.2E-07	1.6E-08	3.9E-07	1.1E-07	1.3E-07	3.3E-08	2.8E-08	0.0E+00	7.0E-07
567	UCART1	593007.59	4123399.92	593007.59, 4123399.92	0.18235	0.54219	0.34618	5.43095	5.04159	1.23E-03	4.01E-03	1.39E-03	1.19E-04	2.87E-04	1.52E-05	3.67E-05	5.72E-05	1.38E-04	1.63E-03	4.06E-03	1.59E-03	7.29E-03	5.7E-07	1.7E-06	9.9E-07	2.5E-06	9.6E-07	8.7E-07	4.0E-07	1.9E-08	4.6E-07	1.3E-07	1.7E-07	4.1E-08	3.5E-08	0.0E+00	8.4E-07
568	UCART1	593047.59	4123399.92	593047.59, 4123399.92	0.21782	0.75613	0.44385	3.9812	7.60802	1.47E-03	5.60E-03	1.78E-03	8.72E-05	4.34E-04	1.11E-05	5.53E-05	4.19E-05	2.08E-04	1.99E-03	5.66E-03	2.03E-03	9.68E-03	6.9E-07	2.1E-06	1.2E-06	3.4E-06	1.2E-06	1.1E-06	5.1E-07	2.3E-08	5.6E-07	1.5E-07	2.3E-07	5.2E-08	4.4E-08	0.0E+00	1.1E-06
569	UCART1	593087.59	4123399.92	593087.59, 4123399.92	0.26699	1.11229	0.58905	2.99071	7.73482	1.80E-03	8.23E-03	2.37E-03	6.55E-05	4.41E-04	8.36E-06	5.62E-05	3.15E-05	2.12E-04	2.30E-03	8.30E-03	2.61E-03	1.32E-02	8.0E-07	2.4E-06	1.4E-06	5.0E-06	1.6E-06	1.4E-06	6.5E-07	2.7E-08	6.4E-07	1.8E-07	3.4E-07	6.7E-08	5.7E-08	0.0E+00	1.3E-06
570	UCART1	593127.59	4123399.92	593127.59, 4123399.92	0.33624	1.7131	0.81022	2.2535	7.91892	2.26E-03	1.27E-02	3.26E-03	4.94E-05	4.51E-04	6.30E-06	5.76E-05	2.37E-05	2.17E-04	2.77E-03	1.27E-02	3.50E-03	1.90E-02	9.6E-07	2.9E-06	1.7E-06	7.7E-06	2.1E-06	1.9E-06	8.8E-07	3.2E-08	7.7E-07	2.1E-07	5.2E-07	9.0E-08	7.6E-08	0.0E+00	1.7E-06
571	UCART1	593167.59	4123399.92	593167.59, 4123399.92	0.44166	2.78766	1.16142	1.69777	3.88313	2.97E-03	2.06E-02	4.67E-03	3.72E-05	2.21E-04	4.75E-06	2.82E-05	1.79E-05	1.06E-04	3.23E-03	2.07E-02	4.79E-03	2.87E-02	1.1E-06	3.4E-06	2.0E-06	1.3E-05	2.9E-06	2.6E-06	1.2E-06	3.7E-08	9.0E-07	2.5E-07	8.5E-07	1.2E-07	1.0E-07	0.0E+00	2.3E-06
572	UCART1	593207.59	4123399.92	593207.59, 4123399.92	0.60858	4.80234	1.72609	1.27731	2.49148	4.10E-03	3.55E-02	6.94E-03	2.80E-05	1.42E-04	3.57E-06	1.81E-05	1.35E-05	6.83E-05	4.27E-03	3.56E-02	7.02E-03	4.68E-02	1.5E-06	4.5E-06	2.6E-06	2.2E-05	4.2E-06	3.9E-06	1.8E-06	4.9E-08	1.2E-06	3.3E-07	1.5E-06	1.8E-07	1.5E-07	0.0E+00	3.4E-06
573	UCART1	593247.59	4123399.92	593247.59, 4123399.92	0.90821	9.51724	2.64103	0.96756	1.89668	6.12E-03	7.04E-02	1.06E-02	2.12E-05	1.08E-04	2.70E-06	1.38E-05	1.02E-05	5.20E-05	6.25E-03	7.04E-02	1.07E-02	8.74E-02	2.2E-06	6.5E-06	3.8E-06	4.3E-05	6.5E-06	5.9E-06	2.7E-06	7.2E-08	1.7E-06	4.8E-07	2.9E-06	2.7E-07	2.3E-07	0.0E+00	5.7E-06
574	UCART1	593287.59	4123399.92	593287.59, 4123399.92	1.55202	18.79717	4.05891	0.74061	1.60351	1.05E-02	1.39E-01	1.63E-02	1.62E-05	9.14E-05	2.07E-06	1.17E-05	7.80E-06	4.39E-05	1.06E-02	1.39E-01	1.64E-02	1.66E-01	3.7E-06	1.1E-05	6.4E-06	8.4E-05	9.9E-06	9.0E-06	4.1E-06	1.2E-07	2.9E-06	8.1E-07	5.7E-06	4.2E-07	3.6E-07	0.0E+00	1.0E-05
575	UCART1	593327.59	4123399.92	593327.59, 4123399.92	3.41216	31.547	5.98274	0.57532	1.44254	2.30E-02	2.33E-01	2.40E-02	1.26E-05	8.22E-05	1.61E-06	1.05E-05	6.06E-06	3.95E-05	2.31E-02	2.33E-01	2.41E-02	2.81E-01	8.0E-06	2.4E-05	1.4E-05	1.4E-04	1.5E-05	1.3E-05	6.0E-06	2.7E-07	6.4E-06	1.8E-06	9.6E-06	6.2E-07	5.2E-07	0.0E+00	1.9E-05
576	UCART1	593367.59	4123399.92	593367.59, 4123399.92	6.70328	21.15385	7.79628	0.454	1.34565	4.51E-02	1.57E-01	3.13E-02	9.95E-06	7.67E-05	1.27E-06	9.78E-06	4.78E-06	3.69E-05	4.52E-02	1.57E-01	3.14E-02	2.33E-01	1.6E-05	4.7E-05	2.7E-05	9.5E-05	1.9E-05	1.7E-05	7.9E-06	5.2E-07	1.3E-05	3.5E-06	6.4E-06	8.1E-07	6.8E-07	0.0E+00	2.5E-05
577	UCART1	593407.59	4123399.92	593407.59, 4123399.92	11.22477	12.14982	8.58191	0.36497	1.28794	7.56E-02	8.99E-02	3.45E-02	8.00E-06	7.34E-05	1.02E-06	9.36E-06	3.85E-06	3.53E-05	7.57E-02	8.99E-02	3.45E-02	2.00E-01	2.6E-05	7.9E-05	4.6E-05	5.4E-05	2.1E-05	1.9E-05	8.6E-06	8.7E-07	2.1E-05	5.8E-06	3.7E-06	8.9E-07	7.5E-07	0.0E+00	3.3E-05
578	UCART1	593447.59	4123399.92	593447.59, 4123399.92	14.23556	6.3327	8.07663	0.29823	1.26013	9.59E-02	4.69E-02	3.25E-02	6.54E-06	7.18E-05	8.34E-07	9.16E-06	3.14E-06	3.45E-05	9.60E-02	4.69E-02	3.25E-02	1.75E-01	3.3E-05	1.0E-04	5.8E-05	2.8E-05	2.0E-05	1.8E-05	8.1E-06	1.1E-06	2.7E-05	7.4E-06	1.9E-06	8.3E-07	7.1E-07	0.0E+00	3.9E-05
579	UCART1	593487.59	4123399.92	593487.59, 4123399.92	17.34374	3.53583	6.42123	0.24665	1.27015	1.17E-01	2.62E-02	2.58E-02	5.41E-06	7.24E-05	6.89E-07	9.23E-06	2.60E-06	3.48E-05	1.17E-01	2.62E-02	2.58E-02	1.69E-01	4.0E-05	1.2E-04	7.1E-05	1.6E-05	1.6E-05	1.4E-05	6.5E-06	1.4E-06	3.3E-05	9.0E-06	1.1E-06	6.6E-07	5.6E-07	0.0E+00	4.5E-05
580	UCART1	593527.59	4123399.92	593527.59, 4123399.92	18.56227	2.08867	4.17582	0.20782	1.3442	1.25E-01	1.55E-02	1.68E-02	4.55E-06	7.66E-05	5.81E-07	9.77E-06	2.19E-06	3.68E-05	1.25E-01	1.55E-02	1.68E-02	1.57E-01	4.3E-05	1.3E-04	7.6E-05	9.4E-06	1.0E-05	9.2E-06	4.2E-06	1.4E-06	3.5E-05	9.6E-06	6.4E-07	4.3E-07	3.7E-07	0.0E+00	4.7E-05
581	UCART1	593567.59	4123399.92	593567.59, 4123399.92	16.30195	1.31355	2.48128	0.17711	1.52147	1.10E-01	9.72E-03	9.97E-03	3.88E-06	8.67E-05	4.95E-07	1.11E-05	1.87E-06	4.17E-05	1.10E-01	9.73E-03	1.00E-02	1.30E-01	3.8E-05	1.1E-04	6.6E-05	5.9E-06	6.1E-06	5.5E-06	2.5E-06	1.3E-06	3.1E-05	8.5E-06	4.0E-07	2.6E-07	2.2E-07	0.0E+00	4.1E-05
582	UCART1	593607.59	4123399.92	593607.59, 4123399.92	15.32311	0.88209	1.57346	0.15286	1.90897	1.03E-01	6.53E-03	6.32E-03	3.35E-06	1.09E-04	4.27E-07	1.39E-05	1.61E-06	5.23E-05	1.03E-01	6.54E-03	6.38E-03	1.16E-01	3.6E-05	1.1E-04	6.3E-05	4.0E-06	3.9E-06	3.5E-06	1.6E-06	1.2E-06	2.9E-05	8.0E-06	2.7E-07	1.6E-07	1.4E-07	0.0E+00	3.9E-05
583	UCART1	593647.59	4123399.92	593647.59, 4123399.92	16.36691	0.62739	1.06923	0.1334	2.87141	1.10E-01	4.64E-03	4.30E-03	2.92E-06	1.64E-04	3.73E-07	2.09E-05	1.41E-06	7.87E-05	1.10E-01	4.66E-03	4.38E-03	1.19E-01	3.8E-05	1.2E-04	6.7E-05	2.8E-06	2.6E-06	2.4E-06	1.1E-06	1.3E-06	3.1E-05	8.5E-06	1.9E-07	1.1E-07	9.5E-08	0.0E+00	4.1E-05
584	UCART1	593687.59	4123399.92	593687.59, 4123399.92	12.95152	0.4678	0.76738	0.11755	4.02776	8.72E-02	3.46E-03	3.08E-03	2.58E-06	2.30E-04	3.29E-07	2.93E-05	1.24E-06	1.10E-04	8.75E-02	3.49E-03	3.20E-03	9.41E-02	3.0E-05	9.1E-05	5.3E-05	2.1E-06	1.9E-06	1.8E-06	8.0E-07	1.0E-06	2.4E-05	6.7E-06	1.4E-07	8.2E-08	7.0E-08	0.0E+00	3.2E-05
585	UCART1	593727.59	4123399.92	593727.59, 4123399.92	8.69426	0.3625	0.5744	0.10453	3.35237	5.86E-02	2.68E-03	2.31E-03	2.29E-06	1.91E-04	2.92E-07	2.44E-05	1.10E-06	9.19E-05	5.87E-02	2.71E-03	2.40E-03	6.39E-02	2.0E-05	6.1E-05	3.6E-05	1.6E-06	1.5E-06	1.3E-06	6.0E-07	6.8E-07	1.6E-05	4.5E-06	1.1E-07	6.2E-08	5.2E-08	0.0E+00	2.2E-05
586	UCART1	593767.59	4123399.92	593767.59, 4123399.92	3.4201	0.28965	0.44474	0.09366	1.13375	2.30E-02	2.14E-03	1.79E-03	2.05E-06	6.46E-05	2.62E-07	8.24E-06	9.87E-07	3.11E-05	2.31E-02	2.15E-03	1.82E-03	2.71E-02	8.0E-06	2.4E-05	1.4E-05	1.3E-06	1.1E-06	1.0E-06	4.6E-07	2.7E-07	6.5E-06	1.8E-06	8.8E-08	4.7E-08	4.0E-08	0.0E+00	8.7E-06
587	UCART1	593807.59	4123399.92	593807.59, 4123399.92	1.78167	0.23729	0.35405	0.08452	0.61893	1.20E-02	1.76E-03	1.42E-03	1.85E-06	3.53E-05	2.36E-07	4.50E-06	8.90E-07	1.70E-05	1.20E-02	1.76E-03	1.44E-03	1.52E-02	4.2E-06	1.3E-05	7.3E-06	1.1E-06	8.7E-07	7.9E-07	3.6E-07	1.4E-07	3.4E-06	9.3E-07	7.2E-08	3.7E-08	3.1E-08	0.0E+00	4.6E-06
588	UCART1	593847.59	4123399.92	593847.59, 4123399.92	1.1014	0.19843	0.28853	0.07676	0.40873	7.42E-03	1.47E-03	1.16E-03	1.68E-06	2.33E-05	2.15E-07	2.97E-06	8.09E-07	1.12E-05	7.44E-03	1.47E-03	1.17E-03	1.01E-02	2.6E-06	7.8E-06	4.5E-06	8.9E-07	7.1E-07	6.4E-07	2.9E-07	8.6E-08	2.1E-06	5.7E-07	6.0E-08	3.0E-08	2.6E-08	0.0E+00	2.9E-06
589	UCART1	593887.59	4123399.92	593887.59, 4123399.92	0.75237	0.16878	0.23971	0.0701	0.29737	5.07E-03	1.25E-03	9.64E-04	1.54E-06	1.70E-05	1.96E-07	2.16E-06	7.39E-07	8.15E-06	5.09E-03	1.25E-03	9.72E-04	7.31E-03	1.8E-06	5.3E-06	3.1E-06	7.6E-07	5.9E-07	5.3E-07	2.4E-07	5.9E-08	1.4E-06	3.9E-07	5.1E-08	2.5E-08	2.1E-08	0.0E+00	2.0E-06
590	UCART1	593927.59	4123399.92	593927.59, 4123399.92	0.5484	0.14563	0.20246	0.06434	0.22963	3.69E-03	1.08E-03	8.14E-04	1.41E-06	1.31E-05	1.80E-07	1.67E-06	6.78E-07	6.29E-06	3.71E-03	1.08E-03	8.21E-04	5.61E-03	1.3E-06	3.9E-06	2.2E-06	6.5E-07	5.0E-07	4.5E-07	2.1E-07	4.3E-08	1.0E-06	2.9E-07	4.4E-08	2.1E-08	1.8E-08	0.0E+00	1.4E-06
591	UCART1	593967.59	4123399.92	593967.59, 4123399.92	0.41867	0.12725	0.17352	0.05936	0.18482	2.82E-03	9.42E-04	6.97E-04	1.30E-06	1.05E-05	1.66E-07	1.34E-06	6.25E-07	5.06E-06	2.83E-03	9.43E-04	7.03E-04	4.48E-03	9.8E-07	3.0E-06	1.7E-06	5.7E-07	4.3E-07	3.9E-07	1.8E-07	3.3E-08	7.9E-07	2.2E-07	3.9E-08	1.8E-08	1.5E-08	0.0E+00	1.1E-06
592	UCART1	594007.59	4123399.92	594007.59, 4123399.92	0.33098	0.11244	0.15064	0.05503	0.15338	2.23E-03	8.32E-04	6.06E-04	1.21E-06	8.74E-06	1.54E-07	1.12E-06	5.80E-07	4.20E-06	2.24E-03	8.33E-04	6.10E-04	3.68E-03	7.8E-07	2.3E-06	1.4E-06	5.0E-07	3.7E-07	3.3E-07	1.5E-07	2.6E-08	6.3E-07	1.7E-07	3.4E-08	1.6E-08	1.3E-08	0.0E+00	8.9E-07
593	UCART1	592567.59	4123439.92	592567.59, 4123439.92	0.05828	0.08905	0.07769	0.67969	0.14879	3.93E-04	6.59E-04	3.12E-04	1.49E-05	8.48E-06	1.90E-06	1.08E-06	7.16E-06	4.08E-06	4.16E-04	6.62E-04	3.24E-04	1.40E-03	1.4E-07	4.3E-07	2.5E-07	4.0E-07	2.0E-07	1.8E-07	8.1E-08	4.8E-09	1.2E-07	3.2E-08	2.7E-08	8.3E-09	7.0E-09	0.0E+00	2.0E-07
594	UCART1	592607.59	4123439.92	592607.59, 4123439.92	0.06293	0.0991	0.08552	0.96299	0.17577	4.24E-04	7.33E-04	3.44E-04	2.11E-05	1.00E-05	2.69E-06	1.28E-06	1.01E-05	4.82E-06	4.55E-04	7.37E-04	3.59E-04	1.55E-03	1.6E-07	4.8E-07	2.8E-07	4.5E-07	2.2E-07	2.0E-07	9.0E-08	5.3E-09	1.3E-07	3.5E-08	3.0E-08	9.2E-09	7.8E-09	0.0E+00	2.1E-07
595	UCART1	592647.59	4123439.92	592647.59, 4123439.92	0.0683	0.11138	0.095	1.41266	0.21165	4.60E-04	8.24E-04	3.82E-04	3.10E-05	1.21E-05	3.95E-06	1.54E-06	1.49E-05	5.80E-06	5.03E-04	8.30E-04	4.03E-04	1.74E-03	1.7E-07	5.3E-07	3.0E-07	5.0E-07	2.4E-07	2.2E-07	1.0E-07	5.8E-09	1.4E-07	3.9E-08	3.4E-08	1.0E-08	8.8E-09	0.0E+00	2.4E-07
596	UCART1	592687.59	4123439.92	592687.59, 4123439.92	0.07461	0.12649	0.10633	2.12881	0.26078	5.02E-04	9.36E-04	4.27E-04	4.67E-05	1.49E-05	5.95E-06	1.90E-06	2.24E-05	7.15E-06	5.64E-04	9.44E-04	4.57E-04	1.96E-03	2.0E-07	5.9E-07	3.4E-07	5.7E-07	2.8E-07	2.5E-07	1.1E-07	6.5E-09	1.6E-07	4.3E-08	3.9E-08	1.2E-08	1.0E-08	0.0E+00	2.7E-07
597	UCART1	592727.59	4123439.92	592727.59, 4123439.92	0.08214	0.14569	0.12037	3.26756	0.33056	5.53E-04	1.08E-03	4.84E-04	7.16E-05	1.88E-05	9.13E-06	2.40E-06	3.44E-05	9.06E-06	6.44E-04	1.09E-03	5.27E-04	2.26E-03	2.2E-07	6.7E-07	3.9E-07	6.6E-07	3.2E-07	2.9E-07	1.3E-07	7.4E-09	1.8E-07	5.0E-08	4.5E-08	1.4E-08	1.1E-08	0.0E+00	3.1E-07
598	UCART1	592767.59	4123439.92	592767.59, 4123439.92	0.09096	0.17001	0.13757	5.22711	0.43502	6.13E-04	1.26E-03	5.53E-04	1.15E-04	2.48E-05	1.46E-05	3.16E-06	5.51E-05	1.19E-05	7.52E-04	1.28E-03	6.20E-04	2.65E-03	2.6E-07	7.9E-07	4.5E-07	7.7E-07	3.8E-07	3.4E-07	1.6E-07	8.7E-09	2.1E-07	5.8E-08	5.2E-08	1.6E-08	1.4E-08	0.0E+00	3.6E-07
599	UCART1	592807.59	4123439.92	592807.59, 4123439.92	0.10144	0.20163	0.15893	9.15591	0.60519	6.83E-04	1.49E-03	6.39E-04	2.01E-04	3.45E-05	2.56E-05	4.40E-06	9.65E-05	1.66E-05	9.18E-04	1.52E-03	7.52E-04	3.19E-03	3.2E-07	9.6E-07	5.6E-07	9.2E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-08	2.6E-07	7.1E-08	6.3E-08	1.9E-08	1.6E-08	0.0E+00	4.4E-07
600	UCART1	592847.59	4123439.92	592847.59, 4123439.92	0.11415	0.24194	0.18608	21.12505	0.93057	7.69E-04	1.79E-03	7.48E-04	4.63E-04	5.30E-05	5.90E-05	6.77E-06	2.23E-04	2.55E-05	1.28E-03	1.86E-03	9.96E-04	4.14E-03	4.4E-07	1.3E-06	7.8E-07	1.1E-06	6.0E-07	5.5E-07	2.5E-07	1.5E-08	3.6E-07	9.9E-08	7.6E-08	2.6E-08	2.2E-08	0.0E+00	6.0E-07
601	UCART1	592887.59	4123439.92	592887.59, 4123439.92	0.12993	0.29839	0.22181	20.67042	1.81141	8.75E-04	2.21E-03	8.92E-04	4.53E-04	1.03E-04	5.78E-05	1.32E-05	2.18E-04	4.96E-05	1.43E-03	2.28E-03	1.16E-03	4.87E-03	5.0E-07	1.5E-06	8.7E-07	1.4E-06	7.0E-07	6.4E-07	2.9E-07	1.7E-08	4.0E-07	1.1E-07	9.4E-08	3.0E-08	2.5E-08	0.0E+00	6.8E-07
602	UCART1	592927.59	4123439.92	592927.59, 4123439.92	0.14951	0.38071	0.26858	17.22196	6.38405	1.01E-03	2.82E-03	1.08E-03	3.77E-04	3.64E-04	4.81E-05	4.64E-05	1.81E-04	1.75E-04	1.75E-03	2.91E-03	1.44E-03	6.10E-03	6.1E-07	1.8E-06	1.1E-06	1.8E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	4.9E-07	1.3E-07	1.2E-07	3.7E-08	3.1E-08	0.0E+00	8.3E-07
603	UCART1	592967.59	4123439.92	592967.59, 4123439.92	0.17475	0.49958	0.33125	10.04332	10.02744	1.18E-03	3.70E-03	1.33E-03	2.20E-04	5.72E-04	2.81E-05	7.29E-05	1.06E-04	2.75E-04	1.97E-03	3.80E-03	1.71E-03	7.48E-03	6.8E-07	2.1E-06	1.2E-06	2.3E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.5E-07	1.5E-07	1.6E-07	4.4E-08	3.7E-08	0.0E+00	9.6E-07
604	UCART1	593007.59	4123439.92	593007.59, 4123439.92	0.20786	0.67444	0.41707	6.54518	11.20655	1.40E-03	4.99E-03	1.68E-03	1.43E-04	6.39E-04	1.83E-05	8.15E-05	6.90E-05	3.07E-04	2.18E-03	5.09E-03	2.05E-03	9.33E-03	7.6E-07	2.3E-06	1.3E-06	3.1E-06	1.2E-06	1.1E-06	5.1E-07	2.5E-08	6.1E-07	1.7E-07	2.1E-07	5.3E-08	4.5E-08	0.0E+00	1.1E-06
605	UCART1	593047.59	4123439.92	593047.59, 4123439.92	0.2526	0.93919	0.5372	4.51393	15.09071	1.70E-03	6.95E-03	2.16E-03	9.89E-05	8.60E-04	1.26E-05	1.10E-04	4.76E-05	4.14E-04	2.66E-03	7.07E-03	2.62E-03	1.24E-02	9.2E-07	2.8E-06	1.6E-06	4.3E-06	1.6E-06	1.4E-06	6.6E-07	3.1E-08	7.4E-07	2.0E-07	2.9E-07	6.7E-08	5.7E-08	0.0E+00	1.4E-06
606	UCART1	593087.59	4123439.92	593087.59, 4123439.92	0.31494	1.34452	0.70829	3.16603	13.6012	2.12E-03	9.95E-03	2.85E-03	6.94E-05	7.75E-04	8.85E-06	9.89E-05	3.34E-05	3.73E-04	2.97E-03	1.01E-02	3.25E-03	1.63E-02	1.0E-06	3.1E-06	1.8E-06	6.1E-06	2.0E-06	1.8E-06	8.1E-07	3.4E-08	8.3E-07	2.3E-07	4.1E-07	8.4E-08	7.1E-08	0.0E+00	1.7E-06
607	UCART1	593127.59	4123439.92	593127.59, 4123439.92	0.40514	1.97264	0.95388	2.21822	4.3117	2.73E-03	1.46E-02	3.83E-03	4.86E-05	2.46E-04	6.20E-06	3.13E-05	2.34E-05	1.18E-04	3.02E-03	1.46E-02	3.98E-03	2.16E-02	1.0E-06	3.2E-06	1.8E-06	8.9E-06	2.4E-06	2.2E-06	1.0E-06	3.5E-08	8.4E-07	2.3E-07	6.0E-07	1.0E-07	8.7E-08	0.0E+00	1.9E-06
608	UCART1	593167.59	4123439.92	593167.59, 4123439.92	0.5499	3.02559	1.30274	1.57062	2.29852	3.70E-03	2.24E-02	5.24E-03	3.44E-05	1.31E-04	4.39E-06	1.67E-05	1.65E-05	6.30E-05	3.87E-03	2.24E-02	5.32E-03	3.16E-02	1.3E-06	4.0E-06	2.3E-06	1.4E-05	3.2E-06	2.9E-06	1.3E-06	4.5E-08	1.1E-06	3.0E-07	9.2E-07	1.4E-07	1.2E-07	0.0E+00	2.6E-06
609	UCART1	593207.59	4123439.92	593207.59, 4123439.92	0.78744	4.8782	1.78566	1.12468	1.6122	5.30E-03	3.61E-02	7.18E-03	2.46E-05	9.19E-05	3.14E-06	1.17E-05	1.18E-05	4.42E-05	5.42E-03	3.61E-02	7.23E-03	4.88E-02	1.9E-06	5.7E-06	3.3E-06	2.2E-05	4.4E-06	4.0E-06	1.8E-06	6.3E-08	1.5E-06	4.2E-07	1.5E-06	1.9E-07	1.6E-07	0.0E+00	3.8E-06
610	UCART1	593247.59	4123439.92	593247.59, 4123439.92	1.22031	9.17991	2.40384	0.8221	1.30428	8.22E-03	6.79E-02	9.66E-03	1.80E-05	7.43E-05	2.30E-06	9.48E-06	8.66E-06	3.57E-05	8.31E-03	6.79E-02	9.71E-03	8.60E-02	2.9E-06	8.7E-06	5.0E-06	4.1E-05	5.9E-06	5.3E-06	2.4E-06	9.6E-08	2.3E-06	6.4E-07	2.8E-06	2.5E-07	2.1E-07	0.0E+00	6.3E-06
611	UCART1	593287.59	4123439.92	593287.59, 4123439.92	2.11251	22.05899	3.09461	0.61626	1.14203	1.42E-02	1.63E-01	1.24E-02	1.35E-05	6.51E-05	1.72E-06	8.30E-06	6.49E-06	3.13E-05	1.43E-02	1.63E-01	1.25E-02	1.90E-01	5.0E-06	1.5E-05	8.7E-06	9.9E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	4.0E-06	1.1E-06	6.7E-06	3.2E-07	2.7E-07	0.0E+00	1.3E-05
612	UCART1	593327.59	4123439.92	593327.59, 4123439.92	4.43099	28.60641	3.72849	0.47434	1.04811	2.98E-02	2.12E-01	1.50E-02	1.04E-05	5.97E-05	1.33E-06	7.62E-06	5.00E-06	2.87E-05	2.99E-02	2.12E-01	1.50E-02	2.57E-01	1.0E-05	3.1E-05	1.8E-05	1.3E-04	9.1E-06	8.2E-06	3.8E-06	3.5E-07	8.4E-06	2.3E-06	8.7E-06	3.9E-07	3.3E-07	0.0E+00	2.0E-05
613	UCART1	593367.59	4123439.92	593367.59, 4123439.92	8.03434	19.10576	4.09585	0.37364	0.98973	5.41E-02	1.41E-01	1.65E-02	8.19E-06	5.64E-05	1.04E-06	7.20E-06	3.94E-06	2.71E-05	5.42E-02	1.41E-01	1.65E-02	2.12E-01	1.9E-05	5.7E-05	3.3E-05	8.6E-05	1.0E-05	9.0E-06	4.1E-06	6.3E-07	1.5E-05	4.2E-06	5.8E-06	4.2E-07	3.6E-07	0.0E+00	2.7E-05
614	UCART1	593407.59	4123439.92	593407.59, 4123439.92	13.24931	10.18896	4.02606	0.30097	0.95643	8.92E-02	7.54E-02	1.62E-02	6.60E-06	5.45E-05	8.41E-07	6.95E-06	3.17E-06	2.62E-05	8.93E-02	7.54E-02	1.62E-02	1.81E-01	3.1E-05	9.3E-05	5.4E-05	4.6E-05	9.8E-06	8.9E-06	4.1E-06	1.0E-06	2.5E-05	6.9E-06	3.1E-06	4.2E-07	3.5E-07	0.0E+00	3.7E-05
615	UCART1	593447.59	4123439.92	593447.59, 4123439.92	15.56575	4.44364	3.56924	0.24749	0.94782	1.05E-01	3.29E-02	1.43E-02	5.42E-06	5.40E-05	6.92E-07	6.89E-06	2.61E-06	2.60E-05	1.05E-01	3.29E-02	1.44E-02	1.52E-01	3.6E-05	1.1E-04	6.3E-05	2.0E-05	8.7E-06	7.9E-06	3.6E-06	1.2E-06	2.9E-05	8.1E-06	1.4E-06	3.7E-07	3.1E-07	0.0E+00	4.1E-05
616	UCART1	593487.59	4123439.92	593487.59, 4123439.92	16.10751	2.29006	2.88582	0.2073	0.96902	1.08E-01	1.69E-02	1.16E-02	4.54E-06	5.52E-05	5.79E-07	7.05E-06	2.18E-06	2.66E-05	1.09E-01	1.70E-02	1.16E-02	1.37E-01	3.8E-05	1.1E-04	6.6E-05	1.0E-05	7.0E-06	6.4E-06	2.9E-06	1.3E-06	3.0E-05	8.4E-06	7.0E-07	3.0E-07	2.5E-07	0.0E+00	4.1E-05
617	UCART1	593527.59	4123439.92	593527.59, 4123439.92	15.41321	1.36825	2.1259	0.17662	1.02911	1.04E-01	1.01E-02	8.55E-03	3.87E-06	5.87E-05	4.94E-07	7.48E-06	1.86E-06	2.82E-05	1.04E-01	1.01E-02	8.58E-03	1.23E-01	3.6E-05	1.1E-04	6.3E-05	6.1E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-06	2.9E-05	8.0E-06	4.2E-07	2.2E-07	1.9E-07	0.0E+00	3.9E-05
618	UCART1	593567.59	4123439.92	593567.59, 4123439.92	14.70095	0.90593	1.50254	0.15214	1.14409	9.90E-02	6.70E-03	6.04E-03	3.33E-06	6.52E-05	4.25E-07	8.32E-06	1.60E-06	3.14E-05	9.91E-02	6.71E-03	6.07E-03	1.12E-01	3.4E-05	1.0E-04	6.0E-05	4.1E-06	3.7E-06	3.3E-06	1.5E-06	1.1E-06	2.8E-05	7.6E-06	2.8E-07	1.6E-07	1.3E-07	0.0E+00	3.7E-05
619	UCART1	593607.59	4123439.92	593607.59, 4123439.92	12.50675	0.64326	1.07998	0.13269	1.3424	8.42E-02	4.76E-03	4.34E-03	2.91E-06	7.65E-05	3.71E-07	9.76E-06	1.40E-06	3.68E-05	8.43E-02	4.77E-03	4.38E-03	9.35E-02	2.9E-05	8.8E-05	5.1E-05	2.9E-06	2.6E-06	2.4E-06	1.1E-06	9.7E-07	2.4E-05	6.5E-06	2.0E-07	1.1E-07	9.5E-08	0.0E+00	3.1E-05
620	UCART1	593647.59	4123439.92	593647.59, 4123439.92	11.0327	0.47985	0.79529	0.11686	1.60477	7.43E-02	3.55E-03	3.20E-03	2.56E-06	9.15E-05	3.27E-07	1.17E-05	1.23E-06	4.40E-05	7.44E-02	3.56E-03	3.24E-03	8.12E-02	2.6E-05	7.8E-05	4.5E-05	2.2E-06	2.0E-06	1.8E-06	8.1E-07	8.6E-07	2.1E-05	5.7E-06	1.5E-07	8.3E-08	7.1E-08	0.0E+00	2.8E-05
621	UCART1	593687.59	4123439.92	593687.59, 4123439.92	7.11668	0.37188	0.60316	0.10385	1.57868	4.79E-02	2.75E-03	2.42E-03	2.28E-06	9.00E-05	2.90E-07	1.15E-05	1.09E-06	4.33E-05	4.80E-02	2.76E-03	2.47E-03	5.33E-02	1.7E-05	5.0E-05	2.9E-05	1.7E-06	1.5E-06	1.4E-06	6.2E-07	5.6E-07	1.3E-05	3.7E-06	1.1E-07	6.3E-08	5.4E-08	0.0E+00	1.8E-05
622	UCART1	593727.59	4123439.92	593727.59, 4123439.92	3.37705	0.29698	0.46917	0.09304	0.98389	2.27E-02	2.20E-03	1.89E-03	2.04E-06	5.61E-05	2.60E-07	7.15E-06	9.80E-07	2.70E-05	2.28E-02	2.21E-03	1.91E-03	2.69E-02	7.9E-06	2.4E-05	1.4E-05	1.3E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-07	6.4E-06	1.8E-06	9.1E-08	4.9E-08	4.2E-08	0.0E+00	8.6E-06
623	UCART1	593767.59	4123439.92	593767.59, 4123439.92	1.70007	0.24308	0.37342	0.08395	0.60146	1.14E-02	1.80E-03	1.50E-03	1.84E-06	3.43E-05	2.35E-07	4.37E-06	8.84E-07	1.65E-05	1.15E-02	1.80E-03	1.52E-03	1.48E-02	4.0E-06	1.2E-05	6.9E-06	1.1E-06	9.2E-07	8.3E-07	3.8E-07	1.3E-07	3.2E-06	8.8E-07	7.4E-08	3.9E-08	3.3E-08	0.0E+00	4.4E-06
624	UCART1	593807.59	4123439.92	593807.59, 4123439.92	1.05793	0.20315	0.30355	0.07626	0.4113	7.13E-03	1.50E-03	1.22E-03	1.67E-06	2.34E-05	2.13E-07	2.99E-06	8.03E-07	1.13E-05	7.15E-03	1.51E-03	1.23E-03	9.89E-03	2.5E-06	7.5E-06	4.3E-06	9.1E-07	7.5E-07	6.8E-07	3.1E-07	8.3E-08	2.0E-06	5.5E-07	6.2E-08	3.2E-08	2.7E-08	0.0E+00	2.8E-06
625	UCART1	593847.59	4123439.92	593847.59, 4123439.92	0.73109	0.1728	0.25154	0.06973	0.3049	4.92E-03	1.28E-03	1.01E-03	1.53E-06	1.74E-05	1.95E-07	2.22E-06	7.35E-07	8.36E-06	4.94E-03	1.28E-03	1.02E-03	7.24E-03	1.7E-06	5.2E-06	3.0E-06	7.8E-07	6.2E-07	5.6E-07	2.6E-07	5.7E-08	1.4E-06	3.8E-07	5.3E-08	2.6E-08	2.2E-08	0.0E+00	1.9E-06
626	UCART1	593887.59	4123439.92	593887.59, 4123439.92	0.5382	0.1492	0.21196	0.06412	0.23797	3.62E-03	1.10E-03	8.52E-04	1.41E-06	1.36E-05	1.79E-07	1.73E-06	6.76E-07	6.52E-06	3.64E-03	1.11E-03	8.59E-04	5.60E-03	1.3E-06	3.8E-06	2.2E-06	6.7E-07	5.2E-07	4.7E-07	2.2E-07	4.2E-08	1.0E-06	2.8E-07	4.5E-08	2.2E-08	1.9E-08	0.0E+00	1.4E-06
627	UCART1	593927.59	4123439.92	593927.59, 4123439.92	0.41387	0.13046	0.18123	0.05927	0.19247	2.79E-03	9.65E-04	7.28E-04	1.30E-06	1.10E-05	1.66E-07	1.40E-06	6.24E-07	5.27E-06	2.80E-03	9.67E-04	7.34E-04	4.50E-03	9.7E-07	2.9E-06	1.7E-06	5.9E-07	4.4E-07	4.0E-07	1.8E-07	3.2E-08	7.8E-07	2.2E-07	4.0E-08	1.9E-08	1.6E-08	0.0E+00	1.1E-06
628	UCART1	593967.59	4123439.92	593967.59, 4123439.92	0.3287	0.11529	0.15687	0.05502	0.15983	2.21E-03	8.53E-04	6.31E-04	1.21E-06	9.11E-06	1.54E-07	1.16E-06	5.80E-07	4.38E-06	2.22E-03	8.54E-04	6.36E-04	3.71E-03	7.7E-07	2.3E-06	1.3E-06	5.2E-07	3.8E-07	3.5E-07	1.6E-07	2.6E-08	6.2E-07	1.7E-07	3.5E-08	1.6E-08	1.4E-08	0.0E+00	8.8E-07
629	UCART1	594007.59	4123439.92	594007.59, 4123439.92	0.26786	0.10285	0.13729	0.05129	0.13557	1.80E-03	7.61E-04	5.52E-04	1.12E-06	7.73E-06	1.43E-07	9.86E-07	5.40E-07	3.72E-06	1.81E-03	7.62E-04	5.56E-04	3.13E-03	6.3E-07	1.9E-06	1.1E-06	4.6E-07	3.4E-07	3.1E-07	1.4E-07	2.1E-08	5.1E-07	1.4E-07	3.1E-08	1.4E-08	1.2E-08	0.0E+00	7.2E-07
630	UCART1	592567.59	4123479.92	592567.59, 4123479.92	0.0616	0.09627	0.08442	0.77841	0.16848	4.15E-04	7.12E-04	3.39E-04	1.71E-05	9.60E-06	2.18E-06	1.22E-06	8.20E-06	4.62E-06	4.42E-04	7.16E-04	3.52E-04	1.51E-03	1.5E-07	4.6E-07	2.7E-07	4.3E-07	2.1E-07	1.9E-07	8.8E-08	5.1E-09	1.2E-07	3.4E-08	2.9E-08	9.0E-09	7.7E-09	0.0E+00	2.1E-07
631	UCART1	592607.59	4123479.92	592607.59, 4123479.92	0.06678	0.10791	0.09372	1.06252	0.20093	4.50E-04	7.99E-04	3.77E-04	2.33E-05	1.15E-05	2.97E-06	1.46E-06	1.12E-05	5.51E-06	4.84E-04	8.03E-04	3.93E-04	1.68E-03	1.7E-07	5.1E-07	2.9E-07	4.9E-07	2.4E-07	2.2E-07	9.8E-08	5.6E-09	1.4E-07	3.7E-08	3.3E-08	1.0E-08	8.6E-09	0.0E+00	2.3E-07
632	UCART1	592647.59	4123479.92	592647.59, 4123479.92	0.07295	0.12265	0.10496	1.46687	0.24446	4.91E-04	9.08E-04	4.22E-04	3.21E-05	1.39E-05	4.10E-06	1.78E-06	1.55E-05	6.70E-06	5.37E-04	9.13E-04	4.44E-04	1.89E-03	1.9E-07	5.6E-07	3.3E-07	5.5E-07	2.7E-07	2.4E-07	1.1E-07	6.2E-09	1.5E-07	4.1E-08	3.8E-08	1.1E-08	9.7E-09	0.0E+00	2.6E-07
633	UCART1	592687.59	4123479.92	592687.59, 4123479.92	0.08016	0.14117	0.11859	2.0453	0.30471	5.40E-04	1.04E-03	4.77E-04	4.48E-05	1.74E-05	5.72E-06	2.22E-06	2.15E-05	8.35E-06	6.02E-04	1.05E-03	5.07E-04	2.16E-03	2.1E-07	6.3E-07	3.6E-07	6.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	1.7E-07	4.6E-08	4.3E-08	1.3E-08	1.1E-08	0.0E+00	2.9E-07
634	UCART1	592727.59	4123479.92	592727.59, 4123479.92	0.08871	0.16477	0.13537	2.89833	0.39209	5.97E-04	1.22E-03	5.44E-04	6.35E-05	2.23E-05	8.10E-06	2.85E-06	3.05E-05	1.07E-05	6.83E-04	1.23E-03	5.85E-04	2.50E-03	2.4E-07	7.1E-07	4.1E-07	7.4E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	1.9E-07	5.3E-08	5.1E-08	1.5E-08	1.3E-08	0.0E+00	3.3E-07
635	UCART1	592767.59	4123479.92	592767.59, 4123479.92	0.09889	0.1953	0.15612	4.25186	0.5284	6.66E-04	1.45E-03	6.28E-04	9.32E-05	3.01E-05	1.19E-05	3.84E-06	4.48E-05	1.45E-05	7.89E-04	1.46E-03	6.87E-04	2.94E-03	2.7E-07	8.2E-07	4.8E-07	8.8E-07	4.2E-07	3.8E-07	1.7E-07	9.1E-09	2.2E-07	6.1E-08	6.0E-08	1.8E-08	1.5E-08	0.0E+00	3.8E-07
636	UCART1	592807.59	4123479.92	592807.59, 4123479.92	0.11126	0.2356	0.18224	6.64557	0.76872	7.49E-04	1.74E-03	7.33E-04	1.46E-04	4.38E-05	1.86E-05	5.59E-06	7.00E-05	2.11E-05	9.39E-04	1.77E-03	8.24E-04	3.53E-03	3.2E-07	9.8E-07	5.7E-07	1.1E-06	5.0E-07	4.5E-07	2.1E-07	1.1E-08	2.6E-07	7.2E-08	7.3E-08	2.1E-08	1.8E-08	0.0E+00	4.6E-07
637	UCART1	592847.59	4123479.92	592847.59, 4123479.92	0.12599	0.28792	0.21496	12.31849	1.31054	8.49E-04	2.13E-03	8.64E-04	2.70E-04	7.47E-05	3.44E-05	9.53E-06	1.30E-04	3.59E-05	1.19E-03	2.17E-03	1.03E-03	4.40E-03	4.1E-07	1.2E-06	7.2E-07	1.3E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	3.3E-07	9.2E-08	8.9E-08	2.6E-08	2.2E-08	0.0E+00	5.8E-07
638	UCART1	592887.59	4123479.92	592887.59, 4123479.92	0.14492	0.35855	0.25862	12.3435	3.09075	9.76E-04	2.65E-03	1.04E-03	2.71E-04	1.76E-04	3.45E-05	2.25E-05	1.30E-04	8.47E-05	1.42E-03	2.71E-03	1.25E-03	5.39E-03	4.9E-07	1.5E-06	8.6E-07	1.6E-06	7.6E-07	6.9E-07	3.1E-07	1.6E-08	4.0E-07	1.1E-07	1.1E-07	3.2E-08	2.7E-08	0.0E+00	6.9E-07
639	UCART1	592927.59	4123479.92	592927.59, 4123479.92	0.16879	0.45848	0.31401	26.01658	6.43465	1.14E-03	3.39E-03	1.26E-03	5.70E-04	3.67E-04	7.27E-05	4.68E-05	2.74E-04	1.76E-04	2.07E-03	3.51E-03	1.71E-03	7.30E-03	7.2E-07	2.2E-06	1.3E-06	2.1E-06	1.0E-06	9.4E-07	4.3E-07	2.4E-08	5.8E-07	1.6E-07	1.4E-07	4.4E-08	3.7E-08	0.0E+00	9.9E-07
640	UCART1	592967.59	4123479.92	592967.59, 4123479.92	0.19982	0.59811	0.38773	13.39854	7.74048	1.35E-03	4.43E-03	1.56E-03	2.94E-04	4.41E-04	3.75E-05	5.63E-05	1.41E-04	2.12E-04	2.08E-03	4.52E-03	1.91E-03	8.51E-03	7.2E-07	2.2E-06	1.3E-06	2.7E-06	1.2E-06	1.0E-06	4.8E-07	2.4E-08	5.8E-07	1.6E-07	1.9E-07	4.9E-08	4.2E-08	0.0E+00	1.0E-06
641	UCART1	593007.59	4123479.92	593007.59, 4123479.92	0.24137	0.79699	0.48473	7.85847	7.85872	1.63E-03	5.90E-03	1.95E-03	1.72E-04	4.48E-04	2.20E-05	5.71E-05	8.28E-05	2.15E-04	2.25E-03	5.98E-03	2.25E-03	1.05E-02	7.8E-07	2.3E-06	1.4E-06	3.6E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.3E-07	1.7E-07	2.5E-07	5.8E-08	4.9E-08	0.0E+00	1.2E-06
642	UCART1	593047.59	4123479.92	593047.59, 4123479.92	0.2983	1.08163	0.61441	4.89896	7.92763	2.01E-03	8.00E-03	2.47E-03	1.07E-04	4.52E-04	1.37E-05	5.76E-05	5.16E-05	2.17E-04	2.57E-03	8.08E-03	2.74E-03	1.34E-02	8.9E-07	2.7E-06	1.6E-06	4.9E-06	1.7E-06	1.5E-06	6.9E-07	3.0E-08	7.2E-07	2.0E-07	3.3E-07	7.0E-08	6.0E-08	0.0E+00	1.4E-06
643	UCART1	593087.59	4123479.92	593087.59, 4123479.92	0.37908	1.49207	0.7844	3.07922	3.53819	2.55E-03	1.10E-02	3.15E-03	6.75E-05	2.02E-04	8.61E-06	2.57E-05	3.24E-05	9.70E-05	2.82E-03	1.11E-02	3.28E-03	1.72E-02	9.8E-07	2.9E-06	1.7E-06	6.7E-06	2.0E-06	1.8E-06	8.2E-07	3.3E-08	7.9E-07	2.2E-07	4.5E-07	8.4E-08	7.1E-08	0.0E+00	1.6E-06
644	UCART1	593127.59	4123479.92	593127.59, 4123479.92	0.49923	2.09348	1.00212	1.96468	1.95514	3.36E-03	1.55E-02	4.03E-03	4.31E-05	1.11E-04	5.49E-06	1.42E-05	2.07E-05	5.36E-05	3.52E-03	1.55E-02	4.10E-03	2.31E-02	1.2E-06	3.7E-06	2.1E-06	9.4E-06	2.5E-06	2.3E-06	1.0E-06	4.1E-08	9.8E-07	2.7E-07	6.4E-07	1.1E-07	8.9E-08	0.0E+00	2.1E-06
645	UCART1	593167.59	4123479.92	593167.59, 4123479.92	0.6833	3.00908	1.27531	1.29719	1.37066	4.60E-03	2.23E-02	5.13E-03	2.84E-05	7.81E-05	3.63E-06	9.97E-06	1.37E-05	3.76E-05	4.71E-03	2.23E-02	5.18E-03	3.22E-02	1.6E-06	4.9E-06	2.8E-06	1.3E-05	3.1E-06	2.8E-06	1.3E-06	5.4E-08	1.3E-06	3.6E-07	9.2E-07	1.3E-07	1.1E-07	0.0E+00	2.9E-06
646	UCART1	593207.59	4123479.92	593207.59, 4123479.92	0.98293	4.5964	1.59062	0.89776	1.09661	6.62E-03	3.40E-02	6.39E-03	1.97E-05	6.25E-05	2.51E-06	7.97E-06	9.46E-06	3.01E-05	6.70E-03	3.40E-02	6.43E-03	4.72E-02	2.3E-06	7.0E-06	4.1E-06	2.1E-05	3.9E-06	3.5E-06	1.6E-06	7.7E-08	1.9E-06	5.2E-07	1.4E-06	1.7E-07	1.4E-07	0.0E+00	4.2E-06
647	UCART1	593247.59	4123479.92	593247.59, 4123479.92	1.49908	8.24447	1.91129	0.64829	0.94775	1.01E-02	6.10E-02	7.68E-03	1.42E-05	5.40E-05	1.81E-06	6.89E-06	6.83E-06	2.60E-05	1.02E-02	6.10E-02	7.72E-03	7.89E-02	3.5E-06	1.1E-05	6.2E-06	3.7E-05	4.7E-06	4.2E-06	1.9E-06	1.2E-07	2.8E-06	7.8E-07	2.5E-06	2.0E-07	1.7E-07	0.0E+00	6.6E-06
648	UCART1	593287.59	4123479.92	593287.59, 4123479.92	2.48531	16.77926	2.18253	0.48659	0.85866	1.67E-02	1.24E-01	8.77E-03	1.07E-05	4.89E-05	1.36E-06	6.24E-06	5.13E-06	2.35E-05	1.68E-02	1.24E-01	8.80E-03	1.50E-01	5.8E-06	1.8E-05	1.0E-05	7.5E-05	5.3E-06	4.8E-06	2.2E-06	1.9E-07	4.7E-06	1.3E-06	5.1E-06	2.3E-07	1.9E-07	0.0E+00	1.2E-05
649	UCART1	593327.59	4123479.92	593327.59, 4123479.92	4.92433	18.31545	2.36047	0.37786	0.80291	3.32E-02	1.36E-01	9.49E-03	8.28E-06	4.58E-05	1.06E-06	5.84E-06	3.98E-06	2.20E-05	3.32E-02	1.36E-01	9.51E-03	1.78E-01	1.1E-05	3.5E-05	2.0E-05	8.2E-05	5.8E-06	5.2E-06	2.4E-06	3.8E-07	9.3E-06	2.6E-06	5.6E-06	2.4E-07	2.1E-07	0.0E+00	1.8E-05
650	UCART1	593367.59	4123479.92	593367.59, 4123479.92	7.92316	12.44256	2.41173	0.30262	0.76981	5.34E-02	9.21E-02	9.69E-03	6.63E-06	4.39E-05	8.46E-07	5.60E-06	3.19E-06	2.11E-05	5.34E-02	9.21E-02	9.72E-03	1.55E-01	1.8E-05	5.6E-05	3.2E-05	5.6E-05	5.9E-06	5.3E-06	2.4E-06	6.2E-07	1.5E-05	4.1E-06	3.8E-06	2.5E-07	2.1E-07	0.0E+00	2.4E-05
651	UCART1	593407.59	4123479.92	593407.59, 4123479.92	11.32292	5.23671	2.28326	0.24843	0.75244	7.63E-02	3.88E-02	9.18E-03	5.44E-06	4.29E-05	6.94E-07	5.47E-06	2.62E-06	2.06E-05	7.63E-02	3.88E-02	9.20E-03	1.24E-01	2.6E-05	8.0E-05	4.6E-05	2.3E-05	5.6E-06	5.0E-06	2.3E-06	8.8E-07	2.1E-05	5.9E-06	1.6E-06	2.4E-07	2.0E-07	0.0E+00	3.0E-05
652	UCART1	593447.59	4123479.92	593447.59, 4123479.92	10.14866	2.33696	2.00254	0.20756	0.74853	6.84E-02	1.73E-02	8.05E-03	4.55E-06	4.27E-05	5.80E-07	5.44E-06	2.19E-06	2.05E-05	6.84E-02	1.73E-02	8.07E-03	9.38E-02	2.4E-05	7.1E-05	4.1E-05	1.0E-05	4.9E-06	4.4E-06	2.0E-06	7.9E-07	1.9E-05	5.3E-06	7.1E-07	2.1E-07	1.8E-07	0.0E+00	2.6E-05
653	UCART1	593487.59	4123479.92	593487.59, 4123479.92	8.89533	1.37534	1.64604	0.17606	0.75898	5.99E-02	1.02E-02	6.62E-03	3.86E-06	4.33E-05	4.92E-07	5.52E-06	1.85E-06	2.08E-05	6.00E-02	1.02E-02	6.64E-03	7.68E-02	2.1E-05	6.3E-05	3.6E-05	6.2E-06	4.0E-06	3.6E-06	1.7E-06	6.9E-07	1.7E-05	4.6E-06	4.2E-07	1.7E-07	1.4E-07	0.0E+00	2.3E-05
654	UCART1	593527.59	4123479.92	593527.59, 4123479.92	8.2804	0.92191	1.28682	0.15146	0.78447	5.58E-02	6.82E-03	5.17E-03	3.32E-06	4.47E-05	4.23E-07	5.70E-06	1.60E-06	2.15E-05	5.58E-02	6.83E-03	5.20E-03	6.78E-02	1.9E-05	5.8E-05	3.4E-05	4.1E-06	3.1E-06	2.8E-06	1.3E-06	6.5E-07	1.6E-05	4.3E-06	2.8E-07	1.3E-07	1.1E-07	0.0E+00	2.1E-05
655	UCART1	593567.59	4123479.92	593567.59, 4123479.92	7.28014	0.66496	0.98863	0.13194	0.81979	4.90E-02	4.92E-03	3.97E-03	2.89E-06	4.67E-05	3.69E-07	5.96E-06	1.39E-06	2.25E-05	4.91E-02	4.93E-03	4.00E-03	5.80E-02	1.7E-05	5.1E-05	3.0E-05	3.0E-06	2.4E-06	2.2E-06	1.0E-06	5.7E-07	1.4E-05	3.8E-06	2.0E-07	1.0E-07	8.7E-08	0.0E+00	1.8E-05
656	UCART1	593607.59	4123479.92	593607.59, 4123479.92	5.77717	0.50235	0.76659	0.11616	0.84266	3.89E-02	3.72E-03	3.08E-03	2.55E-06	4.80E-05	3.25E-07	6.13E-06	1.22E-06	2.31E-05	3.90E-02	3.72E-03	3.11E-03	4.58E-02	1.3E-05	4.1E-05	2.4E-05	2.3E-06	1.9E-06	1.7E-06	7.8E-07	4.5E-07	1.1E-05	3.0E-06	1.5E-07	8.0E-08	6.8E-08	0.0E+00	1.5E-05
657	UCART1	593647.59	4123479.92	593647.59, 4123479.92	4.24097	0.39226	0.60191	0.10328	0.81054	2.86E-02	2.90E-03	2.42E-03	2.26E-06	4.62E-05	2.89E-07	5.89E-06	1.09E-06	2.22E-05	2.86E-02	2.91E-03	2.44E-03	3.40E-02	9.9E-06	3.0E-05	1.7E-05	1.8E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-07	8.0E-06	2.2E-06	1.2E-07	6.3E-08	5.3E-08	0.0E+00	1.1E-05
658	UCART1	593687.59	4123479.92	593687.59, 4123479.92	2.72288	0.31436	0.48015	0.09263	0.70254	1.83E-02	2.33E-03	1.93E-03	2.03E-06	4.00E-05	2.59E-07	5.11E-06	9.76E-07	1.93E-05	1.84E-02	2.33E-03	1.95E-03	2.27E-02	6.4E-06	1.9E-05	1.1E-05	1.4E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-07	5.1E-06	1.4E-06	9.6E-08	5.0E-08	4.2E-08	0.0E+00	6.9E-06
659	UCART1	593727.59	4123479.92	593727.59, 4123479.92	1.63852	0.25735	0.38924	0.08372	0.53495	1.10E-02	1.90E-03	1.56E-03	1.83E-06	3.05E-05	2.34E-07	3.89E-06	8.82E-07	1.47E-05	1.11E-02	1.91E-03	1.58E-03	1.46E-02	3.8E-06	1.2E-05	6.7E-06	1.2E-06	9.6E-07	8.7E-07	4.0E-07	1.3E-07	3.1E-06	8.5E-07	7.8E-08	4.1E-08	3.4E-08	0.0E+00	4.2E-06
660	UCART1	593767.59	4123479.92	593767.59, 4123479.92	1.06334	0.21469	0.32043	0.07621	0.40269	7.16E-03	1.59E-03	1.29E-03	1.67E-06	2.30E-05	2.13E-07	2.93E-06	8.03E-07	1.10E-05	7.19E-03	1.59E-03	1.30E-03	1.01E-02	2.5E-06	7.5E-06	4.3E-06	9.6E-07	7.9E-07	7.1E-07	3.3E-07	8.3E-08	2.0E-06	5.5E-07	6.5E-08	3.3E-08	2.8E-08	0.0E+00	2.8E-06
661	UCART1	593807.59	4123479.92	593807.59, 4123479.92	0.74363	0.18203	0.26723	0.06978	0.31033	5.01E-03	1.35E-03	1.07E-03	1.53E-06	1.77E-05	1.95E-07	2.26E-06	7.35E-07	8.50E-06	5.03E-03	1.35E-03	1.08E-03	7.46E-03	1.7E-06	5.3E-06	3.0E-06	8.2E-07	6.6E-07	5.9E-07	2.7E-07	5.8E-08	1.4E-06	3.9E-07	5.5E-08	2.8E-08	2.4E-08	0.0E+00	2.0E-06
662	UCART1	593847.59	4123479.92	593847.59, 4123479.92	0.54897	0.15644	0.22526	0.06422	0.24594	3.70E-03	1.16E-03	9.05E-04	1.41E-06	1.40E-05	1.80E-07	1.79E-06	6.77E-07	6.74E-06	3.71E-03	1.16E-03	9.13E-04	5.79E-03	1.3E-06	3.9E-06	2.2E-06	7.0E-07	5.5E-07	5.0E-07	2.3E-07	4.3E-08	1.0E-06	2.9E-07	4.8E-08	2.3E-08	2.0E-08	0.0E+00	1.5E-06
663	UCART1	593887.59	4123479.92	593887.59, 4123479.92	0.42233	0.13611	0.19203	0.05938	0.20046	2.84E-03	1.01E-03	7.72E-04	1.30E-06	1.14E-05	1.66E-07	1.46E-06	6.26E-07	5.49E-06	2.86E-03	1.01E-03	7.78E-04	4.64E-03	9.9E-07	3.0E-06	1.7E-06	6.1E-07	4.7E-07	4.3E-07	1.9E-07	3.3E-08	8.0E-07	2.2E-07	4.1E-08	2.0E-08	1.7E-08	0.0E+00	1.1E-06
664	UCART1	593927.59	4123479.92	593927.59, 4123479.92	0.33538	0.11974	0.16556	0.05515	0.16713	2.26E-03	8.86E-04	6.65E-04	1.21E-06	9.53E-06	1.54E-07	1.22E-06	5.81E-07	4.58E-06	2.27E-03	8.87E-04	6.71E-04	3.83E-03	7.9E-07	2.4E-06	1.4E-06	5.4E-07	4.1E-07	3.7E-07	1.7E-07	2.6E-08	6.3E-07	1.7E-07	3.6E-08	1.7E-08	1.5E-08	0.0E+00	9.0E-07
665	UCART1	593967.59	4123479.92	593967.59, 4123479.92	0.27305	0.10637	0.14421	0.05141	0.14185	1.84E-03	7.87E-04	5.80E-04	1.13E-06	8.09E-06	1.44E-07	1.03E-06	5.42E-07	3.89E-06	1.85E-03	7.88E-04	5.84E-04	3.22E-03	6.4E-07	1.9E-06	1.1E-06	4.8E-07	3.5E-07	3.2E-07	1.5E-07	2.1E-08	5.2E-07	1.4E-07	3.2E-08	1.5E-08	1.3E-08	0.0E+00	7.4E-07
666	UCART1	594007.59	4123479.92	594007.59, 4123479.92	0.22703	0.09535	0.1269	0.04811	0.12232	1.53E-03	7.06E-04	5.10E-04	1.05E-06	6.97E-06	1.34E-07	8.89E-07	5.07E-07	3.35E-06	1.54E-03	7.07E-04	5.14E-04	2.76E-03	5.3E-07	1.6E-06	9.3E-07	4.3E-07	3.1E-07	2.8E-07	1.3E-07	1.8E-08	4.3E-07	1.2E-07	2.9E-08	1.3E-08	1.1E-08	0.0E+00	6.2E-07
667	UCART1	592567.59	4123519.92	592567.59, 4123519.92	0.06563	0.10548	0.09277	0.83517	0.19159	4.42E-04	7.81E-04	3.73E-04	1.83E-05	1.09E-05	2.33E-06	1.39E-06	8.80E-06	5.25E-06	4.71E-04	7.84E-04	3.87E-04	1.64E-03	1.6E-07	4.9E-07	2.9E-07	4.7E-07	2.3E-07	2.1E-07	9.7E-08	5.4E-09	1.3E-07	3.6E-08	3.2E-08	9.9E-09	8.4E-09	0.0E+00	2.2E-07
668	UCART1	592607.59	4123519.92	592607.59, 4123519.92	0.07168	0.12001	0.1039	1.08828	0.23039	4.83E-04	8.88E-04	4.18E-04	2.38E-05	1.31E-05	3.04E-06	1.68E-06	1.15E-05	6.31E-06	5.20E-04	8.93E-04	4.35E-04	1.85E-03	1.8E-07	5.4E-07	3.1E-07	5.4E-07	2.6E-07	2.4E-07	1.1E-07	6.0E-09	1.5E-07	4.0E-08	3.7E-08	1.1E-08	9.5E-09	0.0E+00	2.5E-07
669	UCART1	592647.59	4123519.92	592647.59, 4123519.92	0.07865	0.13794	0.11703	1.42855	0.28285	5.30E-04	1.02E-03	4.70E-04	3.13E-05	1.61E-05	3.99E-06	2.06E-06	1.51E-05	7.75E-06	5.77E-04	1.03E-03	4.93E-04	2.10E-03	2.0E-07	6.0E-07	3.5E-07	6.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	1.6E-07	4.4E-08	4.2E-08	1.3E-08	1.1E-08	0.0E+00	2.8E-07
670	UCART1	592687.59	4123519.92	592687.59, 4123519.92	0.08695	0.16069	0.13314	1.88678	0.35643	5.86E-04	1.19E-03	5.35E-04	4.13E-05	2.03E-05	5.27E-06	2.59E-06	1.99E-05	9.77E-06	6.47E-04	1.20E-03	5.65E-04	2.41E-03	2.2E-07	6.8E-07	3.9E-07	7.2E-07	3.4E-07	3.1E-07	1.4E-07	7.5E-09	1.8E-07	5.0E-08	4.9E-08	1.5E-08	1.2E-08	0.0E+00	3.1E-07
671	UCART1	592727.59	4123519.92	592727.59, 4123519.92	0.09686	0.18974	0.1529	2.53003	0.46486	6.52E-04	1.40E-03	6.15E-04	5.54E-05	2.65E-05	7.07E-06	3.38E-06	2.67E-05	1.27E-05	7.34E-04	1.41E-03	6.54E-04	2.80E-03	2.5E-07	7.7E-07	4.4E-07	8.6E-07	4.0E-07	3.6E-07	1.6E-07	8.5E-09	2.1E-07	5.7E-08	5.8E-08	1.7E-08	1.4E-08	0.0E+00	3.6E-07
672	UCART1	592767.59	4123519.92	592767.59, 4123519.92	0.10886	0.22713	0.17724	3.49311	0.63542	7.33E-04	1.68E-03	7.12E-04	7.65E-05	3.62E-05	9.76E-06	4.62E-06	3.68E-05	1.74E-05	8.46E-04	1.70E-03	7.67E-04	3.31E-03	2.9E-07	8.8E-07	5.1E-07	1.0E-06	4.6E-07	4.2E-07	1.9E-07	9.8E-09	2.4E-07	6.5E-08	7.0E-08	2.0E-08	1.7E-08	0.0E+00	4.2E-07
673	UCART1	592807.59	4123519.92	592807.59, 4123519.92	0.12354	0.27583	0.20756	5.06893	0.92206	8.32E-04	2.04E-03	8.34E-04	1.11E-04	5.26E-05	1.42E-05	6.70E-06	5.34E-05	2.53E-05	9.96E-04	2.06E-03	9.13E-04	3.97E-03	3.4E-07	1.0E-06	6.0E-07	1.2E-06	5.5E-07	5.0E-07	2.3E-07	1.2E-08	2.8E-07	7.7E-08	8.5E-08	2.3E-08	2.0E-08	0.0E+00	4.9E-07
674	UCART1	592847.59	4123519.92	592847.59, 4123519.92	0.14177	0.33975	0.24543	8.1162	1.40657	9.55E-04	2.51E-03	9.87E-04	1.78E-04	8.02E-05	2.27E-05	1.02E-05	8.55E-05	3.85E-05	1.21E-03	2.55E-03	1.11E-03	4.87E-03	4.2E-07	1.3E-06	7.3E-07	1.5E-06	6.7E-07	6.1E-07	2.8E-07	1.4E-08	3.4E-07	9.3E-08	1.0E-07	2.9E-08	2.4E-08	0.0E+00	6.0E-07
675	UCART1	592887.59	4123519.92	592887.59, 4123519.92	0.16416	0.42195	0.29297	16.72118	2.09457	1.11E-03	3.12E-03	1.18E-03	3.66E-04	1.19E-04	4.67E-05	1.52E-05	1.76E-04	5.74E-05	1.59E-03	3.18E-03	1.41E-03	6.19E-03	5.5E-07	1.7E-06	9.6E-07	1.9E-06	8.5E-07	7.7E-07	3.5E-07	1.8E-08	4.4E-07	1.2E-07	1.3E-07	3.6E-08	3.1E-08	0.0E+00	7.8E-07
676	UCART1	592927.59	4123519.92	592927.59, 4123519.92	0.19357	0.53337	0.3544	11.74627	2.73268	1.30E-03	3.95E-03	1.42E-03	2.57E-04	1.56E-04	3.28E-05	1.99E-05	1.24E-04	7.49E-05	1.72E-03	4.00E-03	1.62E-03	7.34E-03	5.9E-07	1.8E-06	1.0E-06	2.4E-06	9.8E-07	8.9E-07	4.1E-07	2.0E-08	4.8E-07	1.3E-07	1.6E-07	4.2E-08	3.5E-08	0.0E+00	8.7E-07
677	UCART1	592967.59	4123519.92	592967.59, 4123519.92	0.23193	0.68513	0.43175	18.10278	3.12782	1.56E-03	5.07E-03	1.74E-03	3.97E-04	1.78E-04	5.06E-05	2.27E-05	1.91E-04	8.57E-05	2.14E-03	5.14E-03	2.01E-03	9.29E-03	7.4E-07	2.2E-06	1.3E-06	3.1E-06	1.2E-06	1.1E-06	5.0E-07	2.5E-08	6.0E-07	1.6E-07	2.1E-07	5.2E-08	4.4E-08	0.0E+00	1.1E-06
678	UCART1	593007.59	4123519.92	593007.59, 4123519.92	0.28357	0.89128	0.52603	8.99321	2.99059	1.91E-03	6.60E-03	2.11E-03	1.97E-04	1.70E-04	2.51E-05	2.17E-05	9.47E-05	8.20E-05	2.28E-03	6.64E-03	2.29E-03	1.12E-02	7.9E-07	2.4E-06	1.4E-06	4.0E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	6.4E-07	1.8E-07	2.7E-07	5.9E-08	5.0E-08	0.0E+00	1.2E-06
679	UCART1	593047.59	4123519.92	593047.59, 4123519.92	0.35507	1.16947	0.64492	4.59211	2.32124	2.39E-03	8.65E-03	2.59E-03	1.01E-04	1.32E-04	1.28E-05	1.69E-05	4.84E-05	6.36E-05	2.62E-03	8.68E-03	2.70E-03	1.40E-02	9.1E-07	2.7E-06	1.6E-06	5.3E-06	1.6E-06	1.5E-06	6.8E-07	3.0E-08	7.3E-07	2.0E-07	3.6E-07	6.9E-08	5.9E-08	0.0E+00	1.5E-06
680	UCART1	593087.59	4123519.92	593087.59, 4123519.92	0.45598	1.54522	0.79022	2.47092	1.63162	3.07E-03	1.14E-02	3.18E-03	5.41E-05	9.30E-05	6.91E-06	1.19E-05	2.60E-05	4.47E-05	3.22E-03	1.15E-02	3.25E-03	1.79E-02	1.1E-06	3.4E-06	1.9E-06	6.9E-06	2.0E-06	1.8E-06	8.1E-07	3.7E-08	9.0E-07	2.5E-07	4.7E-07	8.3E-08	7.1E-08	0.0E+00	1.8E-06
681	UCART1	593127.59	4123519.92	593127.59, 4123519.92	0.6018	2.06384	0.95823	1.46744	1.19766	4.05E-03	1.53E-02	3.85E-03	3.22E-05	6.83E-05	4.10E-06	8.71E-06	1.55E-05	3.28E-05	4.15E-03	1.53E-02	3.90E-03	2.33E-02	1.4E-06	4.3E-06	2.5E-06	9.2E-06	2.4E-06	2.1E-06	9.8E-07	4.8E-08	1.2E-06	3.2E-07	6.3E-07	1.0E-07	8.5E-08	0.0E+00	2.3E-06
682	UCART1	593167.59	4123519.92	593167.59, 4123519.92	0.81681	2.81527	1.13826	0.9559	0.95823	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
683	UCART1	593207.59	4123519.92	593207.59, 4123519.92	1.14265	4.00313	1.31112	0.6699	0.81989	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
684	UCART1	593247.59	4123519.92	593247.59, 4123519.92	1.6537	5.98517	1.48543	0.49555	0.73401	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
685	UCART1	593287.59	4123519.92	593287.59, 4123519.92	2.48167	9.5873	1.54668	0.38191	0.67803	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
686	UCART1	593327.59	4123519.92	593327.59, 4123519.92	3.80184	9.09356	1.5746	0.30417	0.64051	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
687	UCART1	593367.59	4123519.92	593367.59, 4123519.92	5.07467	4.54822	1.52991	0.24821	0.61624	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
688	UCART1	593407.59	4123519.92	593407.59, 4123519.92	5.15109	2.31404	1.41582	0.20688	0.60228	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
689	UCART1	593447.59	4123519.92	593447.59, 4123519.92	4.82756	1.41948	1.25167	0.1755	0.59582	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
690	UCART1	593487.59	4123519.92	593487.59, 4123519.92	4.36923	0.96405	1.0612	0.15111	0.59395	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
691	UCART1	593527.59	4123519.92	593527.59, 4123519.92	3.80452	0.69885	0.86953	0.13177	0.59205	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
692	UCART1	593567.59	4123519.92	593567.59, 4123519.92	3.26426	0.53133	0.70435	0.11618	0.5825	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
693	UCART1	593607.59	4123519.92	593607.59, 4123519.92	2.65539	0.41793	0.57417	0.10344	0.55631	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
694	UCART1	593647.59	4123519.92	593647.59, 4123519.92	2.03336	0.33688	0.47134	0.09288	0.51045	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
695	UCART1	593687.59	4123519.92	593687.59, 4123519.92	1.46666	0.27658	0.38963	0.08402	0.4429	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
696	UCART1	593727.59	4123519.92	593727.59, 4123519.92	1.03743	0.23057	0.32541	0.0765	0.36125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
697	UCART1	593767.59	4123519.92	593767.59, 4123519.92	0.75397	0.19486	0.27479	0.07006	0.29349	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
698	UCART1	593807.59	4123519.92	593807.59, 4123519.92	0.56557	0.16665	0.23398	0.06448	0.24104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
699	UCART1	593847.59	4123519.92	593847.59, 4123519.92	0.43832	0.14427	0.20108	0.05965	0.20054	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CONSTRUCTION RISK (UNMITIGATED)

700	UCART1	593887.59	4123519.92	593887.59, 4123519.92	0.34874	0.12618	0.17399	0.0554	0.16944	2.35E-03	9.34E-04	6.99E-04	1.21E-06	9.66E-06	1.55E-07	1.23E-06	5.84E-07	4.64E-06	2.36E-03	9.35E-04	7.05E-04	4.00E-03	8.2E-07	2.5E-06	1.4E-06	5.7E-07	4.3E-07	3.9E-07	1.8E-07	2.7E-08	6.6E-07	1.8E-07	3.8E-08	1.8E-08	1.5E-08	0.0E+00	9.4E-07
701	UCART1	593927.59	4123519.92	593927.59, 4123519.92	0.28418	0.11152	0.15186	0.05167	0.14553	1.91E-03	8.25E-04	6.10E-04	1.13E-06	8.30E-06	1.44E-07	1.06E-06	5.44E-07	3.99E-06	1.92E-03	8.26E-04	6.15E-04	3.36E-03	6.7E-07	2.0E-06	1.2E-06	5.0E-07	3.7E-07	3.4E-07	1.5E-07	2.2E-08	5.4E-07	1.5E-07	3.4E-08	1.6E-08	1.3E-08	0.0E+00	7.7E-07
702	UCART1	593967.59	4123519.92	593967.59, 4123519.92	0.23584	0.0994	0.13346	0.04834	0.12636	1.59E-03	7.36E-04	5.36E-04	1.06E-06	7.20E-06	1.35E-07	9.19E-07	5.09E-07	3.46E-06	1.60E-03	7.37E-04	5.40E-04	2.87E-03	5.5E-07	1.7E-06	9.7E-07	4.5E-07	3.3E-07	3.0E-07	1.4E-07	1.8E-08	4.5E-07	1.2E-07	3.0E-08	1.4E-08	1.2E-08	0.0E+00	6.4E-07
703	UCART1	594007.59	4123519.92	594007.59, 4123519.92	0.19914	0.08938	0.11827	0.0454	0.11095	1.34E-03	6.61E-04	4.75E-04	9.95E-07	6.32E-06	1.27E-07	8.07E-07	4.78E-07	3.04E-06	1.35E-03	6.62E-04	4.79E-04	2.49E-03	4.7E-07	1.4E-06	8.2E-07	4.0E-07	2.9E-07	2.6E-07	1.2E-07	1.6E-08	3.8E-07	1.0E-07	2.7E-08	1.2E-08	1.0E-08	0.0E+00	5.5E-07
704	UCART1	592567.59	4123559.92	592567.59, 4123559.92	0.07063	0.11739	0.1028	0.85202	0.2169	4.76E-04	8.69E-04	4.13E-04	1.87E-05	1.24E-05	2.38E-06	1.58E-06	8.98E-06	5.94E-06	5.07E-04	8.73E-04	4.28E-04	1.81E-03	1.8E-07	5.3E-07	3.1E-07	5.3E-07	2.6E-07	2.3E-07	1.1E-07	5.9E-09	1.4E-07	3.9E-08	3.6E-08	1.1E-08	9.3E-09	0.0E+00	2.4E-07
705	UCART1	592607.59	4123559.92	592607.59, 4123559.92	0.07741	0.13525	0.11515	1.06826	0.26167	5.21E-04	1.00E-03	4.63E-04	2.34E-05	1.49E-05	2.99E-06	1.90E-06	1.13E-05	7.17E-06	5.60E-04	1.01E-03	4.81E-04	2.05E-03	1.9E-07	5.8E-07	3.4E-07	6.1E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	1.6E-07	4.3E-08	4.1E-08	1.2E-08	1.0E-08	0.0E+00	2.7E-07
706	UCART1	592647.59	4123559.92	592647.59, 4123559.92	0.08564	0.15711	0.13061	1.3431	0.32159	5.77E-04	1.16E-03	5.25E-04	2.94E-05	1.83E-05	3.75E-06	2.34E-06	1.42E-05	8.81E-06	6.25E-04	1.17E-03	5.48E-04	2.34E-03	2.2E-07	6.5E-07	3.8E-07	7.1E-07	3.3E-07	3.0E-07	1.4E-07	7.2E-09	1.7E-07	4.8E-08	4.8E-08	1.4E-08	1.2E-08	0.0E+00	3.0E-07
707	UCART1	592687.59	4123559.92	592687.59, 4123559.92	0.09539	0.18425	0.14905	1.70315	0.40374	6.42E-04	1.36E-03	5.99E-04	3.73E-05	2.30E-05	4.76E-06	2.94E-06	1.79E-05	1.11E-05	7.03E-04	1.37E-03	6.28E-04	2.70E-03	2.4E-07	7.3E-07	4.3E-07	8.3E-07	3.8E-07	3.4E-07	1.6E-07	8.1E-09	2.0E-07	5.4E-08	5.6E-08	1.6E-08	1.4E-08	0.0E+00	3.4E-07
708	UCART1	592727.59	4123559.92	592727.59, 4123559.92	0.10711	0.21846	0.17138	2.19045	0.51849	7.21E-04	1.62E-03	6.89E-04	4.80E-05	2.96E-05	6.12E-06	3.77E-06	2.31E-05	1.42E-05	7.99E-04	1.63E-03	7.26E-04	3.15E-03	2.8E-07	8.4E-07	4.8E-07	9.8E-07	4.4E-07	4.0E-07	1.8E-07	9.2E-09	2.2E-07	6.2E-08	6.7E-08	1.9E-08	1.6E-08	0.0E+00	4.0E-07
709	UCART1	592767.59	4123559.92	592767.59, 4123559.92	0.12141	0.26184	0.19858	2.88066	0.6786	8.18E-04	1.94E-03	7.98E-04	6.31E-05	3.87E-05	8.05E-06	4.93E-06	3.03E-05	1.86E-05	9.19E-04	1.95E-03	8.47E-04	3.72E-03	3.2E-07	9.6E-07	5.6E-07	1.2E-06	5.1E-07	4.6E-07	2.1E-07	1.1E-08	2.6E-07	7.1E-08	8.0E-08	2.2E-08	1.8E-08	0.0E+00	4.6E-07
710	UCART1	592807.59	4123559.92	592807.59, 4123559.92	0.13908	0.3172	0.23186	3.92488	0.89041	9.37E-04	2.35E-03	9.32E-04	8.60E-05	5.08E-05	1.10E-05	6.47E-06	4.14E-05	2.44E-05	1.07E-03	2.36E-03	9.98E-04	4.44E-03	3.7E-07	1.1E-06	6.5E-07	1.4E-06	6.0E-07	5.5E-07	2.5E-07	1.2E-08	3.0E-07	8.3E-08	9.7E-08	2.6E-08	2.2E-08	0.0E+00	5.4E-07
711	UCART1	592847.59	4123559.92	592847.59, 4123559.92	0.16117	0.38813	0.27257	5.69636	1.13421	1.09E-03	2.87E-03	1.10E-03	1.25E-04	6.46E-05	1.59E-05	8.25E-06	6.00E-05	3.11E-05	1.27E-03	2.90E-03	1.19E-03	5.36E-03	4.4E-07	1.3E-06	7.7E-07	1.8E-06	7.2E-07	6.5E-07	3.0E-07	1.5E-08	3.6E-07	9.8E-08	1.2E-07	3.0E-08	2.6E-08	0.0E+00	6.4E-07
712	UCART1	592887.59	4123559.92	592887.59, 4123559.92	0.1891	0.47934	0.3222	9.40786	1.36533	1.27E-03	3.55E-03	1.30E-03	2.06E-04	7.78E-05	2.63E-05	9.93E-06	9.91E-05	3.74E-05	1.56E-03	3.58E-03	1.43E-03	6.57E-03	5.4E-07	1.6E-06	9.4E-07	2.2E-06	8.7E-07	7.9E-07	3.6E-07	1.8E-08	4.3E-07	1.2E-07	1.5E-07	3.7E-08	3.1E-08	0.0E+00	7.9E-07
713	UCART1	592927.59	4123559.92	592927.59, 4123559.92	0.22515	0.59662	0.38271	13.22945	1.50242	1.52E-03	4.41E-03	1.54E-03	2.90E-04	8.56E-05	3.70E-05	1.09E-05	1.39E-04	4.12E-05	1.89E-03	4.46E-03	1.72E-03	8.07E-03	6.5E-07	2.0E-06	1.1E-06	2.7E-06	1.0E-06	9.4E-07	4.3E-07	2.2E-08	5.3E-07	1.5E-07	1.8E-07	4.4E-08	3.7E-08	0.0E+00	9.6E-07
714	UCART1	592967.59	4123559.92	592967.59, 4123559.92	0.27153	0.74592	0.45452	26.21538	1.48437	1.83E-03	5.52E-03	1.83E-03	5.74E-04	8.46E-05	7.33E-05	1.08E-05	2.76E-04	4.07E-05	2.49E-03	5.60E-03	2.14E-03	1.02E-02	8.6E-07	2.6E-06	1.5E-06	3.4E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	6.9E-07	1.9E-07	2.3E-07	5.5E-08	4.7E-08	0.0E+00	1.2E-06
715	UCART1	593007.59	4123559.92	593007.59, 4123559.92	0.33225	0.93455	0.53824	7.90019	1.34659	2.24E-03	6.92E-03	2.16E-03	1.73E-04	7.68E-05	2.21E-05	9.79E-06	8.32E-05	3.69E-05	2.49E-03	6.95E-03	2.28E-03	1.17E-02	8.6E-07	2.6E-06	1.5E-06	4.2E-06	1.4E-06	1.3E-06	5.7E-07	2.9E-08	6.9E-07	1.9E-07	2.9E-07	5.9E-08	5.0E-08	0.0E+00	1.3E-06
716	UCART1	593047.59	4123559.92	593047.59, 4123559.92	0.41372	1.17435	0.63427	2.97921	1.16143	2.79E-03	8.69E-03	2.55E-03	6.53E-05	6.62E-05	8.33E-06	8.44E-06	3.14E-05	3.18E-05	2.92E-03	8.71E-03	2.61E-03	1.42E-02	1.0E-06	3.0E-06	1.8E-06	5.3E-06	1.6E-06	1.4E-06	6.5E-07	3.4E-08	8.1E-07	2.2E-07	3.6E-07	6.7E-08	5.7E-08	0.0E+00	1.6E-06
717	UCART1	593087.59	4123559.92	593087.59, 4123559.92	0.5243	1.47785	0.73944	1.5577	0.96979	3.53E-03	1.09E-02	2.97E-03	3.41E-05	5.53E-05	4.35E-06	7.05E-06	1.64E-05	2.66E-05	3.62E-03	1.09E-02	3.02E-03	1.76E-02	1.3E-06	3.8E-06	2.2E-06	6.6E-06	1.8E-06	1.7E-06	7.5E-07	4.2E-08	1.0E-06	2.8E-07	4.5E-07	7.7E-08	6.6E-08	0.0E+00	1.9E-06
718	UCART1	593127.59	4123559.92	593127.59, 4123559.92	0.67558	1.85987	0.84694	0.97326	0.81734	4.55E-03	1.38E-02	3.40E-03	2.13E-05	4.66E-05	2.72E-06	5.94E-06	1.03E-05	2.24E-05	4.62E-03	1.38E-02	3.44E-03	2.18E-02	1.6E-06	4.8E-06	2.8E-06	8.3E-06	2.1E-06	1.9E-06	8.6E-07	5.3E-08	1.3E-06	3.6E-07	5.7E-07	8.8E-08	7.5E-08	0.0E+00	2.4E-06
719	UCART1	593167.59	4123559.92	593167.59, 4123559.92	0.88307	2.33375	0.94629	0.67284	0.71061	5.95E-03	1.73E-02	3.80E-03	1.47E-05	4.05E-05	1.88E-06	5.17E-06	7.09E-06	1.95E-05	6.00E-03	1.73E-02	3.83E-03	2.71E-02	2.1E-06	6.3E-06	3.6E-06	1.0E-05	2.3E-06	2.1E-06	9.6E-07	6.9E-08	1.7E-06	4.6E-07	7.1E-07	9.8E-08	8.3E-08	0.0E+00	3.1E-06
720	UCART1	593207.59	4123559.92	593207.59, 4123559.92	1.16527	2.88287	1.0255	0.49599	0.63707	7.85E-03	2.13E-02	4.12E-03	1.09E-05	3.63E-05	1.39E-06	4.63E-06	5.23E-06	1.75E-05	7.90E-03	2.13E-02	4.14E-03	3.34E-02	2.7E-06	8.3E-06	4.8E-06	1.3E-05	2.5E-06	2.3E-06	1.0E-06	9.1E-08	2.2E-06	6.1E-07	8.8E-07	1.1E-07	9.0E-08	0.0E+00	4.0E-06
721	UCART1	593247.59	4123559.92	593247.59, 4123559.92	1.53719	3.35718	1.0759	0.38234	0.58577	1.04E-02	2.48E-02	4.32E-03	8.38E-06	3.34E-05	1.07E-06	4.26E-06	4.03E-06	1.61E-05	1.04E-02	2.48E-02	4.34E-03	3.96E-02	3.6E-06	1.1E-05	6.3E-06	1.5E-05	2.6E-06	2.4E-06	1.1E-06	1.2E-07	2.9E-06	8.0E-07	1.0E-06	1.1E-07	9.5E-08	0.0E+00	5.0E-06
722	UCART1	593287.59	4123559.92	593287.59, 4123559.92	1.98543	3.41045	1.09519	0.3047	0.54943	1.34E-02	2.52E-02	4.40E-03	6.68E-06	3.13E-05	8.52E-07	3.99E-06	3.21E-06	1.51E-05	1.34E-02	2.52E-02	4.42E-03	4.31E-02	4.6E-06	1.4E-05	8.1E-06	1.5E-05	2.7E-06	2.4E-06	1.1E-06	1.6E-07	3.7E-06	1.0E-06	1.0E-06	1.1E-07	9.6E-08	0.0E+00	6.2E-06
723	UCART1	593327.59	4123559.92	593327.59, 4123559.92	2.42301	2.84613	1.08327	0.24921	0.52342	1.63E-02	2.11E-02	4.35E-03	5.46E-06	2.98E-05	6.97E-07	3.81E-06	2.63E-06	1.43E-05	1.64E-02	2.11E-02	4.37E-03	4.18E-02	5.7E-06	1.7E-05	9.9E-06	1.3E-05	2.6E-06	2.4E-06	1.1E-06	1.9E-07	4.6E-06	1.3E-06	8.7E-07	1.1E-07	9.5E-08	0.0E+00	7.1E-06
724	UCART1	593367.59	4123559.92	593367.59, 4123559.92	2.69855	1.99948	1.03812	0.20811	0.50455	1.82E-02	1.48E-02	4.17E-03	4.56E-06	2.88E-05	5.82E-07	3.67E-06	2.19E-06	1.38E-05	1.82E-02	1.48E-02	4.19E-03	3.72E-02	6.3E-06	1.9E-05	1.1E-05	9.0E-06	2.5E-06	2.3E-06	1.0E-06	2.1E-07	5.1E-06	1.4E-06	6.1E-07	1.1E-07	9.1E-08	0.0E+00	7.5E-06
725	UCART1	593407.59	4123559.92	593407.59, 4123559.92	2.73848	1.37138	0.96105	0.1768	0.49046	1.84E-02	1.01E-02	3.86E-03	3.87E-06	2.80E-05	4.94E-07	3.57E-06	1.86E-06	1.34E-05	1.85E-02	1.02E-02	3.88E-03	3.25E-02	6.4E-06	1.9E-05	1.1E-05	6.1E-06	2.3E-06	2.1E-06	9.7E-07	2.1E-07	5.2E-06	1.4E-06	4.2E-07	1.0E-07	8.4E-08	0.0E+00	7.4E-06
726	UCART1	593447.59	4123559.92	593447.59, 4123559.92	2.62541	0.98172	0.85886	0.1524	0.47857	1.77E-02	7.26E-03	3.45E-03	3.34E-06	2.73E-05	4.26E-07	3.48E-06	1.61E-06	1.31E-05	1.77E-02	7.27E-03	3.47E-03	2.84E-02	6.1E-06	1.9E-05	1.1E-05	4.4E-06	2.1E-06	1.9E-06	8.7E-07	2.0E-07	4.9E-06	1.4E-06	3.0E-07	8.9E-08	7.6E-08	0.0E+00	7.0E-06
727	UCART1	593487.59	4123559.92	593487.59, 4123559.92	2.41817	0.72807	0.74271	0.13301	0.46582	1.63E-02	5.39E-03	2.99E-03	2.91E-06	2.66E-05	3.72E-07	3.39E-06	1.40E-06	1.28E-05	1.63E-02	5.39E-03	3.00E-03	2.47E-02	5.6E-06	1.7E-05	9.9E-06	3.3E-06	1.8E-06	1.6E-06	7.5E-07	1.9E-07	4.6E-06	1.3E-06	2.2E-07	7.7E-08	6.5E-08	0.0E+00	6.4E-06
728	UCART1	593527.59	4123559.92	593527.59, 4123559.92	2.1477	0.55646	0.62737	0.11735	0.44905	1.45E-02	4.12E-03	2.52E-03	2.57E-06	2.56E-05	3.28E-07	3.26E-06	1.24E-06	1.23E-05	1.45E-02	4.12E-03	2.54E-03	2.11E-02	5.0E-06	1.5E-05	8.8E-06	2.5E-06	1.5E-06	1.4E-06	6.3E-07	1.7E-07	4.0E-06	1.1E-06	1.7E-07	6.5E-08	5.5E-08	0.0E+00	5.6E-06
729	UCART1	593567.59	4123559.92	593567.59, 4123559.92	1.83564	0.43835	0.52584	0.10449	0.42557	1.24E-02	3.24E-03	2.11E-03	2.29E-06	2.43E-05	2.92E-07	3.09E-06	1.10E-06	1.17E-05	1.24E-02	3.25E-03	2.13E-03	1.78E-02	4.3E-06	1.3E-05	7.5E-06	2.0E-06	1.3E-06	1.2E-06	5.3E-07	1.4E-07	3.5E-06	9.5E-07	1.3E-07	5.5E-08	4.6E-08	0.0E+00	4.8E-06
730	UCART1	593607.59	4123559.92	593607.59, 4123559.92	1.51316	0.35419	0.44222	0.09383	0.39485	1.02E-02	2.62E-03	1.78E-03	2.06E-06	2.25E-05	2.62E-07	2.87E-06	9.89E-07	1.08E-05	1.02E-02	2.62E-03	1.79E-03	1.46E-02	3.5E-06	1.1E-05	6.2E-06	1.6E-06	1.1E-06	9.8E-07	4.5E-07	1.2E-07	2.9E-06	7.9E-07	1.1E-07	4.6E-08	3.9E-08	0.0E+00	3.9E-06
731	UCART1	593647.59	4123559.92	593647.59, 4123559.92	1.20801	0.29213	0.37392	0.08488	0.35845	8.14E-03	2.16E-03	1.50E-03	1.86E-06	2.04E-05	2.37E-07	2.61E-06	8.94E-07	9.82E-06	8.16E-03	2.16E-03	1.51E-03	1.18E-02	2.8E-06	8.5E-06	4.9E-06	1.3E-06	9.2E-07	8.3E-07	3.8E-07	9.4E-08	2.3E-06	6.3E-07	8.9E-08	3.9E-08	3.3E-08	0.0E+00	3.2E-06
732	UCART1	593687.59	4123559.92	593687.59, 4123559.92	0.93746	0.24481	0.31757	0.07727	0.31446	6.31E-03	1.81E-03	1.28E-03	1.69E-06	1.79E-05	2.16E-07	2.29E-06	8.14E-07	8.62E-06	6.33E-03	1.81E-03	1.29E-03	9.43E-03	2.2E-06	6.6E-06	3.8E-06	1.1E-06	7.8E-07	7.1E-07	3.2E-07	7.3E-08	1.8E-06	4.9E-07	7.5E-08	3.3E-08	2.8E-08	0.0E+00	2.5E-06
733	UCART1	593727.59	4123559.92	593727.59, 4123559.92	0.72104	0.20775	0.27161	0.07076	0.26716	4.86E-03	1.54E-03	1.09E-03	1.55E-06	1.52E-05	1.98E-07	1.94E-06	7.46E-07	7.32E-06	4.87E-03	1.54E-03	1.10E-03	7.51E-03	1.7E-06	5.1E-06	2.9E-06	9.3E-07	6.7E-07	6.0E-07	2.8E-07	5.6E-08	1.4E-06	3.8E-07	6.3E-08	2.8E-08	2.4E-08	0.0E+00	1.9E-06
734	UCART1	593767.59	4123559.92	593767.59, 4123559.92	0.56211	0.17815	0.23439	0.06514	0.22682	3.79E-03	1.32E-03	9.42E-04	1.43E-06	1.29E-05	1.82E-07	1.65E-06	6.86E-07	6.22E-06	3.80E-03	1.32E-03	9.49E-04	6.07E-03	1.3E-06	4.0E-06	2.3E-06	8.0E-07	5.7E-07	5.2E-07	2.4E-07	4.4E-08	1.1E-06	2.9E-07	5.4E-08	2.4E-08	2.1E-08	0.0E+00	1.5E-06
735	UCART1	593807.59	4123559.92	593807.59, 4123559.92	0.4451	0.15408	0.20376	0.06022	0.19421	3.00E-03	1.14E-03	8.19E-04	1.32E-06	1.11E-05	1.68E-07	1.41E-06	6.34E-07	5.32E-06	3.01E-03	1.14E-03	8.25E-04	4.98E-03	1.0E-06	3.1E-06	1.8E-06	6.9E-07	5.0E-07	4.5E-07	2.1E-07	3.5E-08	8.4E-07	2.3E-07	4.7E-08	2.1E-08	1.8E-08	0.0E+00	1.2E-06
736	UCART1	593847.59	4123559.92	593847.59, 4123559.92	0.35913	0.13454	0.17854	0.05594	0.16722	2.42E-03	9.96E-04	7.18E-04	1.23E-06	9.53E-06	1.56E-07	1.22E-06	5.89E-07	4.58E-06	2.43E-03	9.97E-04	7.23E-04	4.15E-03	8.4E-07	2.5E-06	1.5E-06	6.0E-07	4.4E-07	4.0E-07	1.8E-07	2.8E-08	6.8E-07	1.9E-07	4.1E-08	1.9E-08	1.6E-08	0.0E+00	9.7E-07
737	UCART1	593887.59	4123559.92	593887.59, 4123559.92	0.29453	0.11838	0.15711	0.05214	0.14498	1.98E-03	8.76E-04	6.32E-04	1.14E-06	8.26E-06	1.46E-07	1.05E-06	5.49E-07	3.97E-06	1.99E-03	8.77E-04	6.36E-04	3.51E-03	6.9E-07	2.1E-06	1.2E-06	5.3E-07	3.8E-07	3.5E-07	1.6E-07	2.3E-08	5.6E-07	1.5E-07	3.6E-08	1.6E-08	1.4E-08	0.0E+00	8.0E-07
738	UCART1	593927.59	4123559.92	593927.59, 4123559.92	0.24574	0.10509	0.13908	0.0488	0.12724	1.66E-03	7.78E-04	5.59E-04	1.07E-06	7.25E-06	1.36E-07	9.25E-07	5.14E-07	3.49E-06	1.66E-03	7.79E-04	5.63E-04	3.01E-03	5.8E-07	1.7E-06	1.0E-06	4.7E-07	3.4E-07	3.1E-07	1.4E-07	1.9E-08	4.6E-07	1.3E-07	3.2E-08	1.4E-08	1.2E-08	0.0E+00	6.7E-07
739	UCART1	593967.59	4123559.92	593967.59, 4123559.92	0.20775	0.09397	0.12363	0.0458	0.11267	1.40E-03	6.95E-04	4.97E-04	1.00E-06	6.42E-06	1.28E-07	8.19E-07	4.83E-07	3.09E-06	1.41E-03	6.96E-04	5.01E-04	2.60E-03	4.9E-07	1.5E-06	8.5E-07	4.2E-07	3.0E-07	2.7E-07	1.3E-07	1.6E-08	3.9E-07	1.1E-07	2.9E-08	1.3E-08	1.1E-08	0.0E+00	5.7E-07
740	UCART1	594007.59	4123559.92	594007.59, 4123559.92	0.17801	0.08471	0.11056	0.04313	0.10063	1.20E-03	6.27E-04	4.44E-04	9.45E-07	5.74E-06	1.21E-07	7.32E-07	4.54E-07	2.76E-06	1.21E-03	6.28E-04	4.48E-04	2.28E-03	4.2E-07	1.3E-06	7.3E-07	3.8E-07	2.7E-07	2.5E-07	1.1E-07	1.4E-08	3.4E-07	9.3E-08	2.6E-08	1.1E-08	9.8E-09	0.0E+00	4.9E-07
741	UCART1	592567.59	4123599.92	592567.59, 4123599.92	0.07648	0.1327	0.11327	0.8356	0.24028	5.15E-04	9.82E-04	4.55E-04	1.83E-05	1.37E-05	2.34E-06	1.75E-06	8.80E-06	6.58E-06	5.47E-04	9.86E-04	4.71E-04	2.00E-03	1.9E-07	5.7E-07	3.3E-07	6.0E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	1.5E-07	4.2E-08	4.1E-08	1.2E-08	1.0E-08	0.0E+00	2.6E-07
742	UCART1	592607.59	4123599.92	592607.59, 4123599.92	0.08448	0.15336	0.12714	1.01568	0.28789	5.69E-04	1.13E-03	5.11E-04	2.23E-05	1.64E-05	2.84E-06	2.09E-06	1.07E-05	7.89E-06	6.08E-04	1.14E-03	5.30E-04	2.28E-03	2.1E-07	6.4E-07	3.7E-07	6.9E-07	3.2E-07	2.9E-07	1.3E-07	7.0E-09	1.7E-07	4.7E-08	4.7E-08	1.4E-08	1.2E-08	0.0E+00	3.0E-07
743	UCART1	592647.59	4123599.92	592647.59, 4123599.92	0.09396	0.17847	0.14398	1.23863	0.34887	6.33E-04	1.32E-03	5.79E-04	2.71E-05	1.99E-05	3.46E-06	2.54E-06	1.30E-05	9.56E-06	6.80E-04	1.33E-03	6.01E-04	2.61E-03	2.4E-07	7.1E-07	4.1E-07	8.0E-07	3.6E-07	3.3E-07	1.5E-07	7.9E-09	1.9E-07	5.2E-08	5.4E-08	1.5E-08	1.3E-08	0.0E+00	3.3E-07
744	UCART1	592687.59	4123599.92	592687.59, 4123599.92	0.10528	0.2094	0.164	1.52112	0.42671	7.09E-04	1.55E-03	6.59E-04	3.33E-05	2.43E-05	4.25E-06	3.10E-06	1.60E-05	1.17E-05	7.67E-04	1.56E-03	6.87E-04	3.01E-03	2.7E-07	8.0E-07	4.6E-07	9.4E-07	4.2E-07	3.8E-07	1.7E-07	8.9E-09	2.1E-07	5.9E-08	6.4E-08	1.8E-08	1.5E-08	0.0E+00	3.8E-07
745	UCART1	592727.59	4123599.92	592727.59, 4123599.92	0.11892	0.24762	0.18777	1.88975	0.52392	8.01E-04	1.83E-03	7.55E-04	4.14E-05	2.99E-05	5.28E-06	3.81E-06	1.99E-05	1.44E-05	8.72E-04	1.84E-03	7.89E-04	3.50E-03	3.0E-07	9.1E-07	5.3E-07	1.1E-06	4.8E-07	4.3E-07	2.0E-07	1.0E-08	2.4E-07	6.7E-08	7.6E-08	2.0E-08	1.7E-08	0.0E+00	4.3E-07
746	UCART1	592767.59	4123599.92	592767.59, 4123599.92	0.13564	0.29511	0.21628	2.38373	0.63816	9.14E-04	2.18E-03	8.69E-04	5.22E-05	3.64E-05	6.66E-06	4.64E-06	2.51E-05	1.75E-05	1.00E-03	2.20E-03	9.12E-04	4.11E-03	3.5E-07	1.0E-06	6.1E-07	1.3E-06	5.5E-07	5.0E-07	2.3E-07	1.2E-08	2.8E-07	7.7E-08	9.0E-08	2.3E-08	2.0E-08	0.0E+00	5.0E-07
747	UCART1	592807.59	4123599.92	592807.59, 4123599.92	0.15698	0.3542	0.25093	3.01786	0.7493	1.06E-03	2.62E-03	1.01E-03	6.61E-05	4.27E-05	8.44E-06	5.45E-06	3.18E-05	2.05E-05	1.17E-03	2.63E-03	1.06E-03	4.86E-03	4.0E-07	1.2E-06	7.1E-07	1.6E-06	6.4E-07	5.8E-07	2.7E-07	1.3E-08	3.3E-07	9.0E-08	1.1E-07	2.7E-08	2.3E-08	0.0E+00	5.9E-07
748	UCART1	592847.59	4123599.92	592847.59, 4123599.92	0.18221	0.42625	0.2902	3.93726	0.84035	1.23E-03	3.15E-03	1.17E-03	8.63E-05	4.79E-05	1.10E-05	6.11E-06	4.15E-05	2.30E-05	1.36E-03	3.17E-03	1.23E-03	5.76E-03	4.7E-07	1.4E-06	8.2E-07	1.9E-06	7.4E-07	6.8E-07	3.1E-07	1.6E-08	3.8E-07	1.0E-07	1.3E-07	3.2E-08	2.7E-08	0.0E+00	6.9E-07
749	UCART1	592887.59	4123599.92	592887.59, 4123599.92	0.21336	0.51387	0.33535	5.51058	0.89696	1.44E-03	3.80E-03	1.35E-03	1.21E-04	5.11E-05	1.54E-05	6.52E-06	5.81E-05	2.46E-05	1.61E-03	3.82E-03	1.43E-03	6.86E-03	5.6E-07	1.7E-06	9.7E-07	2.3E-06	8.7E-07	7.8E-07	3.6E-07	1.9E-08	4.5E-07	1.2E-07	1.6E-07	3.7E-08	3.1E-08	0.0E+00	8.2E-07
750	UCART1	592927.59	4123599.92	592927.59, 4123599.92	0.25274	0.62101	0.38743	8.44884	0.91149	1.70E-03	4.60E-03	1.56E-03	1.85E-04	5.20E-05	2.36E-05	6.63E-06	8.90E-05	2.50E-05	1.94E-03	4.63E-03	1.67E-03	8.24E-03	6.7E-07	2.0E-06	1.2E-06	2.8E-06	1.0E-06	9.2E-07	4.2E-07	2.2E-08	5.4E-07	1.5E-07	1.9E-07	4.3E-08	3.6E-08	0.0E+00	9.8E-07
751	UCART1	592967.59	4123599.92	592967.59, 4123599.92	0.30336	0.75194	0.44702	7.05214	0.8856	2.04E-03	5.56E-03	1.80E-03	1.55E-04	5.05E-05	1.97E-05	6.44E-06	7.43E-05	2.43E-05	2.25E-03	5.59E-03	1.90E-03	9.73E-03	7.8E-07	2.3E-06	1.4E-06	3.4E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.3E-07	1.7E-07	2.3E-07	4.9E-08	4.1E-08	0.0E+00	1.1E-06
752	UCART1	593007.59	4123599.92	593007.59, 4123599.92	0.3687	0.90929	0.51311	2.70359	0.83297	2.48E-03	6.73E-03	2.06E-03	5.92E-05	4.75E-05	7.56E-06	6.06E-06	2.85E-05	2.28E-05	2.59E-03	6.74E-03	2.11E-03	1.14E-02	9.0E-07	2.7E-06	1.6E-06	4.1E-06	1.3E-06	1.2E-06	5.3E-07	3.0E-08	7.2E-07	2.0E-07	2.8E-07	5.4E-08	4.6E-08	0.0E+00	1.3E-06
753	UCART1	593047.59	4123599.92	593047.59, 4123599.92	0.45298	1.09344	0.58296	1.47037	0.7615	3.05E-03	8.09E-03	2.34E-03	3.22E-05	4.34E-05	4.11E-06	5.54E-06	1.55E-05	2.09E-05	3.13E-03	8.10E-03	2.38E-03	1.36E-02	1.1E-06	3.3E-06	1.9E-06	4.9E-06	1.4E-06	1.3E-06	6.0E-07	3.6E-08	8.7E-07	2.4E-07	3.3E-07	6.1E-08	5.2E-08	0.0E+00	1.6E-06
754	UCART1	593087.59	4123599.92	593087.59, 4123599.92	0.56145	1.30078	0.6523	0.9486	0.68212	3.78E-03	9.63E-03	2.62E-03	2.08E-05	3.89E-05	2.65E-06	4.96E-06	9.99E-06	1.87E-05	3.84E-03	9.63E-03	2.65E-03	1.61E-02	1.3E-06	4.0E-06	2.3E-06	5.8E-06	1.6E-06	1.5E-06	6.6E-07	4.4E-08	1.1E-06	3.0E-07	4.0E-07	6.8E-08	5.8E-08	0.0E+00	1.9E-06
755	UCART1	593127.59	4123599.92	593127.59, 4123599.92	0.69927	1.51727	0.71493	0.66957	0.61134	4.71E-03	1.12E-02	2.87E-03	1.47E-05	3.48E-05	1.87E-06	4.44E-06	7.05E-06	1.68E-05	4.76E-03	1.12E-02	2.90E-03	1.89E-02	1.6E-06	5.0E-06	2.9E-06	6.8E-06	1.8E-06	1.6E-06	7.3E-07	5.5E-08	1.3E-06	3.7E-07	4.6E-07	7.4E-08	6.3E-08	0.0E+00	2.3E-06
756	UCART1	593167.59	4123599.92	593167.59, 4123599.92	0.86995	1.71276	0.76431	0.50029	0.55566	5.86E-03	1.27E-02	3.07E-03	1.10E-05	3.17E-05	1.40E-06	4.04E-06	5.27E-06	1.52E-05	5.90E-03	1.27E-02	3.09E-03	2.17E-02	2.0E-06	6.2E-06	3.6E-06	7.7E-06	1.9E-06	1.7E-06	7.7E-07	6.8E-08	1.6E-06	4.5E-07	5.2E-07	7.9E-08	6.7E-08	0.0E+00	2.8E-06
757	UCART1	593207.59	4123599.92	593207.59, 4123599.92	1.07195	1.83972	0.7961	0.38841	0.51343	7.22E-03	1.36E-02	3.20E-03	8.51E-06	2.93E-05	1.09E-06	3.73E-06	4.09E-06	1.41E-05	7.26E-03	1.36E-02	3.22E-03	2.41E-02	2.5E-06	7.6E-06	4.4E-06	8.2E-06	1.9E-06	1.8E-06	8.1E-07	8.4E-08	2.0E-06	5.6E-07	5.6E-07	8.3E-08	7.0E-08	0.0E+00	3.4E-06
758	UCART1	593247.59	4123599.92	593247.59, 4123599.92	1.29051	1.85583	0.80906	0.31096	0.48096	8.69E-03	1.37E-02	3.25E-03	6.81E-06	2.74E-05	8.69E-07	3.50E-06	3.28E-06	1.32E-05	8.73E-03	1.37E-02	3.27E-03	2.57E-02	3.0E-06	9.1E-06	5.3E-06	8.3E-06	2.0E-06	1.8E-06	8.2E-07	1.0E-07	2.4E-06	6.7E-07	5.6E-07	8.4E-08	7.1E-08	0.0E+00	3.9E-06
759	UCART1	593287.59	4123599.92	593287.59, 4123599.92	1.49535	1.74893	0.80476	0.25503	0.45538	1.01E-02	1.29E-02	3.23E-03	5.59E-06	2.60E-05	7.13E-07	3.31E-06	2.69E-06	1.25E-05	1.01E-02	1.29E-02	3.25E-03	2.63E-02	3.5E-06	1.1E-05	6.1E-06	7.8E-06	2.0E-06	1.8E-06	8.1E-07	1.2E-07	2.8E-06	7.8E-07	5.3E-07	8.3E-08	7.1E-08	0.0E+00	4.4E-06
760	UCART1	593327.59	4123599.92	593327.59, 4123599.92	1.65407	1.49123	0.78441	0.21317	0.43478	1.11E-02	1.10E-02	3.15E-03	4.67E-06	2.48E-05	5.96E-07	3.16E-06	2.25E-06	1.19E-05	1.12E-02	1.10E-02	3.17E-03	2.54E-02	3.9E-06	1.2E-05	6.8E-06	6.7E-06	1.9E-06	1.7E-06	7.9E-07	1.3E-07	3.1E-06	8.6E-07	4.5E-07	8.1E-08	6.9E-08	0.0E+00	4.7E-06
761	UCART1	593367.59	4123599.92	593367.59, 4123599.92	1.7348	1.16144	0.7472	0.18114	0.41761	1.17E-02	8.59E-03	3.00E-03	3.97E-06	2.38E-05	5.06E-07	3.04E-06	1.91E-06	1.14E-05	1.17E-02	8.60E-03	3.02E-03	2.33E-02	4.1E-06	1.2E-05	7.1E-06	5.2E-06	1.8E-06	1.7E-06	7.6E-07	1.4E-07	3.3E-06	9.0E-07	3.5E-07	7.7E-08	6.6E-08	0.0E+00	4.8E-06
762	UCART1	593407.59	4123599.92	593407.59, 4123599.92	1.72022	0.89396	0.69268	0.15611	0.40184	1.16E-02	6.62E-03	2.78E-03	3.42E-06	2.29E-05	4.36E-07	2.92E-06	1.64E-06	1.10E-05	1.16E-02	6.62E-03	2.80E-03	2.10E-02	4.0E-06	1.2E-05	7.0E-06	4.0E-06	1.7E-06	1.5E-06	7.0E-07	1.3E-07	3.2E-06	8.9E-07	2.7E-07	7.2E-08	6.1E-08	0.0E+00	4.7E-06
763	UCART1	593447.59	4123599.92	593447.59, 4123599.92	1.63558	0.69804	0.6237	0.1362	0.3857	1.10E-02	5.17E-03	2.51E-03	2.98E-06	2.20E-05	3.81E-07	2.80E-06	1.43E-06	1.06E-05	1.10E-02	5.17E-03	2.52E-03	1.87E-02	3.8E-06	1.2E-05	6.7E-06	3.1E-06	1.5E-06	1.4E-06	6.3E-07	1.3E-07	3.1E-06	8.5E-07	2.1E-07	6.5E-08	5.5E-08	0.0E+00	4.4E-06
764	UCART1	593487.59	4123599.92	593487.59, 4123599.92	1.50418	0.55209	0.54693	0.12006	0.36795	1.01E-02	4.09E-03	2.20E-03	2.63E-06	2.10E-05	3.36E-07	2.68E-06	1.26E-06	1.01E-05	1.02E-02	4.09E-03	2.21E-03	1.65E-02	3.5E-06	1.1E-05	6.1E-06	2.5E-06	1.3E-06	1.2E-06	5.5E-07	1.2E-07	2.8E-06	7.8E-07	1.7E-07	5.7E-08	4.8E-08	0.0E+00	4.0E-06
765	UCART1	593527.59	4123599.92	593527.59, 4123599.92	1.33924	0.4431	0.4718	0.10682	0.34717	9.02E-03	3.28E-03	1.90E-03	2.34E-06	1.98E-05	2.99E-07	2.52E-06	1.13E-06	9.51E-06	9.04E-03	3.28E-03	1.91E-03	1.42E-02	3.1E-06	9.5E-06	5.5E-06	2.0E-06	1.2E-06	1.0E-06	4.8E-07	1.0E-07	2.5E-06	7.0E-07	1.3E-07	4.9E-08	4.2E-08	0.0E+00	3.6E-06
766	UCART1	593567.59	4123599.92	593567.59, 4123599.92	1.15982	0.36209	0.40541	0.09581	0.32408	7.81E-03	2.68E-03	1.63E-03	2.10E-06	1.85E-05	2.68E-07	2.36E-06	1.01E-06	8.88E-06	7.83E-03	2.68E-03	1.64E-03	1.22E-02	2.7E-06	8.2E-06	4.7E-06	1.6E-06	9.9E-07	9.0E-07	4.1E-07	9.1E-08	2.2E-06	6.0E-07	1.1E-07	4.2E-08	3.6E-08	0.0E+00	3.1E-06
767	UCART1	593607.59	4123599.92	593607.59, 4123599.92	0.98074	0.30097	0.34945	0.08656	0.29897	6.61E-03	2.23E-03	1.40E-03	1.90E-06	1.70E-05	2.42E-07	2.17E-06	9.12E-07	8.19E-06	6.62E-03	2.23E-03	1.41E-03	1.03E-02	2.3E-06	6.9E-06	4.0E-06	1.3E-06	8.6E-07	7.8E-07	3.5E-07	7.7E-08	1.8E-06	5.1E-07	9.2E-08	3.6E-08	3.1E-08	0.0E+00	2.6E-06
768	UCART1	593647.59	4123599.92	593647.59, 4123599.92	0.81164	0.25415	0.30271	0.07874	0.27184	5.47E-03	1.88E-03	1.22E-03	1.73E-06	1.55E-05	2.20E-07	1.98E-06	8.30E-07	7.45E-06	5.48E-03	1.88E-03	1.23E-03	8.59E-03	1.9E-06	5.7E-06	3.3E-06	1.1E-06	7.4E-07	6.7E-07	3.1E-07	6.3E-08	1.5E-06	4.2E-07	7.7E-08	3.1E-08	2.7E-08	0.0E+00	2.2E-06
769	UCART1	593687.59	4123599.92	593687.59, 4123599.92	0.65949	0.21725	0.26284	0.07204	0.24144	4.44E-03	1.61E-03	1.06E-03	1.58E-06	1.38E-05	2.01E-07	1.76E-06	7.59E-07	6.62E-06	4.46E-03	1.61E-03	1.06E-03	7.13E-03	1.5E-06	4.7E-06	2.7E-06	9.7E-07	6.4E-07	5.8E-07	2.7E-07	5.2E-08	1.2E-06	3.4E-07	6.6E-08	2.7E-08	2.3E-08	0.0E+00	1.8E-06
770	UCART1	593727.59	4123599.92	593727.59, 4123599.92	0.5334	0.18749	0.22895	0.06624	0.2104	3.59E-03	1.39E-03	9.20E-04	1.45E-06	1.20E-05	1.85E-07	1.53E-06	6.98E-07	5.77E-06	3.61E-03	1.39E-03	9.27E-04	5.92E-03	1.2E-06	3.8E-06	2.2E-06	8.4E-07	5.6E-07	5.1E-07	2.3E-07	4.2E-08	1.0E-06	2.8E-07	5.7E-08	2.4E-08	2.0E-08	0.0E+00	1.4E-06
771	UCART1	593767.59	4123599.92	593767.59, 4123599.92	0.43525	0.16317	0.2008	0.06121	0.18349	2.93E-03	1.21E-03	8.07E-04	1.34E-06	1.05E-05	1.71E-07	1.33E-06	6.45E-07	5.03E-06	2.94E-03	1.21E-03	8.13E-04	4.96E-03	1.0E-06	3.1E-06	1.8E-06	7.3E-07	4.9E-07	4.5E-07	2.0E-07	3.4E-08	8.2E-07	2.3E-07	5.0E-08	2.1E-08	1.8E-08	0.0E+00	1.2E-06
772	UCART1	593807.59	4123599.92	593807.59, 4123599.92	0.35879	0.14301	0.17747	0.0568	0.16143	2.42E-03	1.06E-03	7.13E-04	1.24E-06	9.20E-06	1.59E-07	1.17E-06	5.98E-07	4.42E-06	2.43E-03	1.06E-03	7.18E-04	4.20E-03	8.4E-07	2.5E-06	1.5E-06	6.4E-07	4.3E-07	3.9E-07	1.8E-07	2.8E-08	6.8E-07	1.9E-07	4.4E-08	1.8E-08	1.6E-08	0.0E+00	9.7E-07
773	UCART1	593847.59	4123599.92	593847.59, 4123599.92	0.29869	0.12613	0.15791	0.05292	0.14245	2.01E-03	9.33E-04	6.35E-04	1.16E-06	8.12E-06	1.48E-07	1.04E-06	5.58E-07	3.90E-06	2.02E-03	9.35E-04	6.39E-04	3.59E-03	7.0E-07	2.1E-06	1.2E-06	5.7E-07	3.9E-07	3.5E-07	1.6E-07	2.3E-08	5.6E-07	1.6E-07	3.8E-08	1.6E-08	1.4E-08	0.0E+00	8.1E-07
774	UCART1	593887.59	4123599.92	593887.59, 4123599.92	0.25132	0.11185	0.14112	0.04946	0.12596	1.69E-03	8.28E-04	5.67E-04	1.08E-06	7.18E-06	1.38E-07	9.16E-07	5.21E-07	3.45E-06	1.70E-03	8.29E-04	5.71E-04	3.10E-03	5.9E-07	1.8E-06	1.0E-06	5.0E-07	3.5E-07	3.1E-07	1.4E-07	2.0E-08	4.7E-07	1.3E-07	3.4E-08	1.5E-08	1.2E-08	0.0E+00	6.9E-07
775	UCART1	593927.59	4123599.92	593927.59, 4123599.92	0.21433	0.0999	0.12677	0.04642	0.11233	1.44E-03	7.39E-04	5.10E-04	1.02E-06	6.40E-06	1.30E-07	8.17E-07	4.89E-07	3.08E-06	1.45E-03	7.40E-04	5.13E-04	2.70E-03	5.0E-07	1.5E-06	8.8E-07	4.5E-07	3.1E-07	2.8E-07	1.3E-07	1.7E-08	4.1E-07	1.1E-07	3.0E-08	1.3E-08	1.1E-08	0.0E+00	5.9E-07
776	UCART1	593967.59	4123599.92	593967.59, 4123599.92	0.18443	0.08967	0.11409	0.04366	0.10085	1.24E-03	6.64E-04	4.59E-04	9.57E-07	5.75E-06	1.22E-07	7.33E-07	4.60E-07	2.76E-06	1.25E-03	6.64E-04	4.62E-04	2.38E-03	4.3E-07	1.3E-06	7.6E-07	4.0E-07	2.8E-07	2.5E-07	1.2E-07	1.4E-08	3.5E-07	9.6E-08	2.7E-08	1.2E-08	1.0E-08	0.0E+00	5.1E-07
777	UCART1	594007.59	4123599.92	594007.59, 4123599.92	0.16045	0.08108	0.10315	0.04123	0.09132	1.08E-03	6.00E-04	4.15E-04	9.04E-07	5.21E-06	1.15E-07	6.64E-07	4.34E-07	2.50E-06	1.09E-03	6.01E-04	4.18E-04	2.11E-03	3.8E-07	1.1E-06	6.6E-07	3.6E-07	2.5E-07	2.3E-07	1.0E-07	1.3E-08	3.0E-07	8.4E-08	2.5E-08	1.1E-08	9.1E-09	0.0E+00	4.4E-07
778	UCART1	593087.59	4123639.92	593087.59, 4123639.92	0.57052	1.07451	0.56511	0.68911	0.52727	3.84E-03	7.95E-03	2.27E-03	1.51E-05	3.01E-05	1.93E-06	3.83E-06	7.26E-06	1.44E-05	3.89E-03	7.96E-03	2.29E-03	1.41E-02	1.3E-06	4.1E-06	2.4E-06	4.8E-06	1.4E-06	1.3E-06	5.7E-07	4.5E-08	1.1E-06	3.0E-07	3.3E-07	5.9E-08	5.0E-08	0.0E+00	1.9E-06
779	UCART1	593127.59	4123639.92	593127.59, 4123639.92	0.68174	1.16024	0.59825	0.51744	0.48753	4.59E-03	8.59E-03	2.40E-03	1.13E-05	2.78E-05	1.45E-06	3.54E-06	5.45E-06	1.34E-05	4.63E-03	8.59E-03	2.42E-03	1.56E-02	1.6E-06	4.8E-06	2.8E-06	5.2E-06	1.5E-06	1.3E-06	6.1E-07	5.4E-08	1.3E-06	3.6E-07	3.5E-07	6.2E-08	5.3E-08	0.0E+00	2.2E-06
780	UCART1	593167.59	4123639.92	593167.59, 4123639.92	0.80322	1.20033	0.61809	0.40264	0.45322	5.41E-03	8.88E-03	2.48E-03	8.82E-06	2.58E-05	1.13E-06	3.30E-06	4.24E-06	1.24E-05	5.44E-03	8.89E-03	2.50E-03	1.68E-02	1.9E-06	5.7E-06	3.3E-06	5.4E-06	1.5E-06	1.4E-06	6.3E-07	6.3E-08	1.5E-06	4.2E-07	3.7E-07	6.4E-08	5.4E-08	0.0E+00	2.5E-06
781	UCART1	593207.59	4123639.92	593207.59, 4123639.92	0.92497	1.19419	0.6244	0.32301	0.42431	6.23E-03	8.84E-03	2.51E-03	7.08E-06	2.42E-05	9.03E-07	3.08E-06	3.40E-06	1.16E-05	6.26E-03	8.84E-03	2.52E-03	1.76E-02	2.2E-06	6.5E-06	3.8E-06	5.3E-06	1.5E-06	1.4E-06	6.3E-07	7.2E-08	1.7E-06	4.8E-07	3.6E-07	6.5E-08	5.5E-08	0.0E+00	2.8E-06
782	UCART1	593247.59	4123639.92	593247.59, 4123639.92	1.03504	1.15997	0.62022	0.2652	0.40044	6.97E-03	8.58E-03	2.49E-03	5.81E-06	2.28E-05	7.41E-07	2.91E-06	2.79E-06	1.10E-05	7.00E-03	8.59E-03	2.51E-03	1.81E-02	2.4E-06	7.3E-06	4.2E-06	5.2E-06	1.5E-06	1.4E-06	6.3E-07	8.1E-08	2.0E-06	5.4E-07	3.5E-07	6.4E-08	5.5E-08	0.0E+00	3.0E-06
783	UCART1	593287.59	4123639.92	593287.59, 4123639.92	1.12251	1.08069	0.60863	0.22192	0.38022	7.56E-03	8.00E-03	2.45E-03	4.86E-06	2.17E-05	6.20E-07	2.76E-06	2.34E-06	1.04E-05	7.59E-03	8.00E-03	2.46E-03	1.80E-02	2.6E-06	7.9E-06	4.6E-06	4.8E-06	1.5E-06	1.3E-06	6.2E-07	8.8E-08	2.1E-06	5.8E-07	3.3E-07	6.3E-08	5.4E-08	0.0E+00	3.2E-06
784	UCART1	593327.59	4123639.92	593327.59, 4123639.92	1.17843	0.93445	0.58827	0.18856	0.36253	7.94E-03	6.91E-03	2.37E-03	4.13E-06	2.07E-05	5.27E-07	2.64E-06	1.99E-06	9.93E-06	7.96E-03	6.92E-03	2.38E-03	1.73E-02	2.8E-06	8.3E-06	4.8E-06	4.2E-06	1.4E-06	1.3E-06	6.0E-07	9.2E-08	2.2E-06	6.1E-07	2.8E-07	6.1E-08	5.2E-08	0.0E+00	3.3E-06
785	UCART1	593367.59	4123639.92	593367.59, 4123639.92	1.19312	0.76388	0.56027	0.16239	0.3462	8.04E-03	5.65E-03	2.25E-03	3.56E-06	1.97E-05	4.54E-07	2.52E-06	1.71E-06	9.49E-06	8.06E-03	5.66E-03	2.26E-03	1.60E-02	2.8E-06	8.4E-06	4.9E-06	3.4E-06	1.4E-06	1.2E-06	5.7E-07	9.3E-08	2.3E-06	6.2E-07	2.3E-07	5.8E-08	4.9E-08	0.0E+00	3.3E-06
786	UCART1	593407.59	4123639.92	593407.59, 4123639.92	1.16279	0.62379	0.52088	0.14145	0.33015	7.83E-03	4.62E-03	2.09E-03	3.10E-06	1.88E-05	3.95E-07	2.40E-06	1.49E-06	9.05E-06	7.85E-03	4.62E-03	2.10E-03	1.46E-02	2.7E-06	8.2E-06	4.8E-06	2.8E-06	1.3E-06	1.2E-06	5.3E-07	9.1E-08	2.2E-06	6.0E-07	1.9E-07	5.4E-08	4.6E-08	0.0E+00	3.2E-06
787	UCART1	593447.59	4123639.92	593447.59, 4123639.92	1.0984	0.51711	0.47232	0.12447	0.31336	7.40E-03	3.83E-03	1.90E-03	2.73E-06	1.79E-05	3.48E-07	2.28E-06	1.31E-06	8.59E-06	7.42E-03	3.83E-03	1.91E-03	1.32E-02	2.6E-06	7.8E-06	4.5E-06	2.3E-06	1.2E-06	1.0E-06	4.8E-07	8.6E-08	2.1E-06	5.7E-07	1.6E-07	4.9E-08	4.2E-08	0.0E+00	3.0E-06
788	UCART1	593487.59	4123639.92	593487.59, 4123639.92	1.01009	0.42687	0.41905	0.11052	0.29553	6.80E-03	3.16E-03	1.68E-03	2.42E-06	1.68E-05	3.09E-07	2.15E-06	1.16E-06	8.10E-06	6.82E-03	3.16E-03	1.69E-03	1.17E-02	2.4E-06	7.1E-06	4.1E-06	1.9E-06	1.0E-06	9.3E-07	4.2E-07	7.9E-08	1.9E-06	5.3E-07	1.3E-07	4.3E-08	3.7E-08	0.0E+00	2.7E-06
789	UCART1	593527.59	4123639.92	593527.59, 4123639.92	0.90649	0.35409	0.36749	0.09894	0.27661	6.11E-03	2.62E-03	1.48E-03	2.17E-06	1.58E-05	2.77E-07	2.01E-06	1.04E-06	7.58E-06	6.12E-03	2.62E-03	1.49E-03	1.02E-02	2.1E-06	6.4E-06	3.7E-06	1.6E-06	9.0E-07	8.1E-07	3.7E-07	7.1E-08	1.7E-06	4.7E-07	1.1E-07	3.8E-08	3.2E-08	0.0E+00	2.4E-06
790	UCART1	593567.59	4123639.92	593567.59, 4123639.92	0.797	0.29763	0.32172	0.08921	0.25725	5.37E-03	2.20E-03	1.29E-03	1.95E-06	1.47E-05	2.49E-07	1.87E-06	9.40E-07	7.05E-06	5.38E-03	2.20E-03	1.30E-03	8.89E-03	1.9E-06	5.6E-06	3.3E-06	1.3E-06	7.9E-07	7.1E-07	3.3E-07	6.2E-08	1.5E-06	4.1E-07	9.1E-08	3.3E-08	2.8E-08	0.0E+00	2.1E-06
791	UCART1	593607.59	4123639.92	593607.59, 4123639.92	0.68856	0.2541	0.28283	0.08097	0.23761	4.64E-03	1.88E-03	1.14E-03	1.77E-06	1.35E-05	2.26E-07	1.73E-06	8.53E-07	6.51E-06	4.65E-03	1.88E-03	1.14E-03	7.68E-03	1.6E-06	4.9E-06	2.8E-06	1.1E-06	6.9E-07	6.3E-07	2.9E-07	5.4E-08	1.3E-06	3.6E-07	7.7E-08	2.9E-08	2.5E-08	0.0E+00	1.8E-06
792	UCART1	593647.59	4123639.92	593647.59, 4123639.92	0.58464	0.21962	0.24956	0.07392	0.21666	3.94E-03	1.63E-03	1.00E-03	1.62E-06	1.23E-05	2.07E-07	1.58E-06	7.79E-07	5.94E-06	3.95E-03	1.63E-03	1.01E-03	6.59E-03	1.4E-06	4.1E-06	2.4E-06	9.8E-07	6.1E-07	5.5E-07	2.5E-07	4.6E-08	1.1E-06	3.0E-07	6.7E-08	2.6E-08	2.2E-08	0.0E+00	1.6E-06
793	UCART1	593687.59	4123639.92	593687.59, 4123639.92	0.49094	0.1918	0.22075	0.0679	0.19459	3.31E-03	1.42E-03	8.87E-04	1.49E-06	1.11E-05	1.90E-07	1.41E-06	7.15E-07	5.33E-06	3.32E-03	1.42E-03	8.93E-04	5.63E-03	1.1E-06	3.5E-06	2.0E-06	8.6E-07	5.4E-07	4.9E-07	2.2E-07	3.8E-08	9.3E-07	2.6E-07	5.8E-08	2.3E-08	1.9E-08	0.0E+00	1.3E-06
794	UCART1	593727.59	4123639.92	593727.59, 4123639.92	0.41101	0.16852	0.19531	0.06263	0.17266	2.77E-03	1.25E-03	7.85E-04	1.37E-06	9.84E-06	1.75E-07	1.26E-06	6.60E-07	4.73E-06	2.78E-03	1.25E-03	7.90E-04	4.82E-03	9.6E-07	2.9E-06	1.7E-06	7.6E-07	4.8E-07	4.3E-07	2.0E-07	3.2E-08	7.8E-07	2.1E-07	5.1E-08	2.0E-08	1.7E-08	0.0E+00	1.1E-06
795	UCART1	593767.59	4123639.92	593767.59, 4123639.92	0.3466	0.14902	0.1736	0.05806	0.15344	2.33E-03	1.10E-03	6.98E-04	1.27E-06	8.75E-06	1.62E-07	1.12E-06	6.12E-07	4.20E-06	2.34E-03	1.10E-03	7.03E-04	4.15E-03	8.1E-07	2.5E-06	1.4E-06	6.7E-07	4.3E-07	3.9E-07	1.8E-07	2.7E-08	6.5E-07	1.8E-07	4.5E-08	1.8E-08	1.5E-08	0.0E+00	9.4E-07
796	UCART1	593807.59	4123639.92	593807.59, 4123639.92	0.29428	0.13238	0.15519	0.05401	0.13737	1.98E-03	9.80E-04	6.24E-04	1.18E-06	7.83E-06	1.51E-07	9.99E-07	5.69E-07	3.76E-06	1.99E-03	9.81E-04	6.28E-04	3.60E-03	6.9E-07	2.1E-06	1.2E-06	5.9E-07	3.8E-07	3.4E-07	1.6E-07	2.3E-08	5.6E-07	1.5E-07	4.0E-08	1.6E-08	1.4E-08	0.0E+00	8.0E-07
797	UCART1	593847.59	4123639.92	593847.59, 4123639.92	0.25152	0.1182	0.13976	0.05045	0.12353	1.69E-03	8.75E-04	5.62E-04	1.11E-06	7.04E-06	1.41E-07	8.98E-07	5.32E-07	3.39E-06	1.70E-03	8.76E-04	5.66E-04	3.14E-03	5.9E-07	1.8E-06	1.0E-06	5.3E-07	3.4E-07	3.1E-07	1.4E-07	2.0E-08	4.8E-07	1.3E-07	3.6E-08	1.5E-08	1.2E-08	0.0E+00	6.9E-07
798	UCART1	593887.59	4123639.92	593887.59, 4123639.92	0.21611	0.10582	0.12636	0.04723	0.11098	1.46E-03	7.83E-04	5.08E-04	1.04E-06	6.33E-06	1.32E-07	8.07E-07	4.98E-07	3.04E-06	1.46E-03	7.84E-04	5.11E-04	2.76E-03	5.1E-07	1.5E-06	8.9E-07	4.7E-07	3.1E-07	2.8E-07	1.3E-07	1.7E-08	4.1E-07	1.1E-07	3.2E-08	1.3E-08	1.1E-08	0.0E+00	5.9E-07
799	UCART1	593927.59	4123639.92	593927.59, 4123639.92	0.18773	0.09528	0.11494	0.04442	0.10022	1.26E-03	7.05E-04	4.62E-04	9.73E-07	5.71E-06	1.24E-07	7.29E-07	4.68E-07	2.75E-06	1.27E-03	7.06E-04	4.65E-04	2.44E-03	4.4E-07	1.3E-06	7.7E-07	4.3E-07	2.8E-07	2.6E-07	1.2E-07	1.5E-08	3.5E-07	9.8E-08	2.9E-08	1.2E-08	1.0E-08	0.0E+00	5.2E-07
800	UCART1	593967.59	4123639.92	593967.59, 4123639.92	0.16418	0.08603	0.1047	0.04186	0.0909	1.11E-03	6.37E-04	4.21E-04	9.17E-07	5.18E-06	1.17E-07	6.61E-07	4.41E-07	2.49E-06	1.11E-03	6.37E-04	4.24E-04	2.17E-03	3.8E-07	1.2E-06	6.7E-07	3.9E-07	2.6E-07	2.3E-07	1.1E-07	1.3E-08	3.1E-07	8.6E-08	2.6E-08	1.1E-08	9.2E-09	0.0E+00	4.6E-07
801	UCART1	594007.59	4123639.92	594007.59, 4123639.92	0.14485	0.0781	0.09569	0.03959	0.08308	9.76E-04	5.78E-04	3.85E-04	8.68E-07	4.74E-06	1.11E-07	6.04E-07	4.17E-07	2.28E-06	9.81E-04	5.79E-04	3.87E-04	1.95E-03	3.4E-07	1.0E-06	5.9E-07	3.5E-07	2.3E-07	2.1E-07	9.7E-08	1.1E-08	2.7E-07	7.6E-08	2.4E-08	9.9E-09	8.4E-09	0.0E+00	4.0E-07
802	UCART1	593087.59	4123679.92	593087.59, 4123679.92	0.54555	0.83952	0.47855	0.51092	0.42497	3.67E-03	6.21E-03	1.92E-03	1.12E-05	2.42E-05	1.43E-06	3.09E-06	5.38E-06	1.16E-05	3.71E-03	6.22E-03	1.94E-03	1.19E-02	1.3E-06	3.9E-06	2.2E-06	3.8E-06	1.2E-06	1.1E-06	4.9E-07	4.3E-08	1.0E-06	2.9E-07	2.6E-07	5.0E-08	4.2E-08	0.0E+00	1.7E-06
803	UCART1	593127.59	4123679.92	593127.59, 4123679.92	0.62028	0.84807	0.48948	0.40533	0.39693	4.18E-03	6.28E-03	1.97E-03	8.88E-06	2.26E-05	1.13E-06	2.89E-06	4.27E-06	1.09E-05	4.21E-03	6.28E-03	1.98E-03	1.25E-02	1.5E-06	4.4E-06	2.5E-06	3.8E-06	1.2E-06	1.1E-06	5.0E-07	4.9E-08	1.2E-06	3.2E-07	2.6E-07	5.1E-08	4.3E-08	0.0E+00	1.9E-06
804	UCART1	593167.59	4123679.92	593167.59, 4123679.92	0.69643	0.83745	0.4952	0.33053	0.37289	4.69E-03	6.20E-03	1.99E-03	7.24E-06	2.13E-05	9.24E-07	2.71E-06	3.48E-06	1.02E-05	4.72E-03	6.20E-03	2.00E-03	1.29E-02	1.6E-06	4.9E-06	2.9E-06	3.8E-06	1.2E-06	1.1E-06	5.0E-07	5.5E-08	1.3E-06	3.6E-07	2.5E-07	5.1E-08	4.4E-08	0.0E+00	2.1E-06
805	UCART1	593207.59	4123679.92	593207.59, 4123679.92	0.76383	0.82019	0.49319	0.27392	0.35232	5.14E-03	6.07E-03	1.98E-03	6.00E-06	2.01E-05	7.66E-07	2.56E-06	2.89E-06	9.65E-06	5.17E-03	6.07E-03	1.99E-03	1.32E-02	1.8E-06	5.4E-06	3.1E-06	3.7E-06	1.2E-06	1.1E-06	5.0E-07	6.0E-08	1.4E-06	4.0E-07	2.5E-07	5.1E-08	4.3E-08	0.0E+00	2.2E-06
806	UCART1	593247.59	4123679.92	593247.59, 4123679.92	0.81591	0.79529	0.48493	0.23017	0.33444	5.50E-03	5.89E-03	1.95E-03	5.04E-06	1.91E-05	6.43E-07	2.43E-06	2.42E-06	9.16E-06	5.52E-03	5.89E-03	1.96E-03	1.34E-02	1.9E-06	5.8E-06	3.3E-06	3.6E-06	1.2E-06	1.1E-06	4.9E-07	6.4E-08	1.5E-06	4.3E-07	2.4E-07	5.0E-08	4.3E-08	0.0E+00	2.4E-06
807	UCART1	593287.59	4123679.92	593287.59, 4123679.92	0.85283	0.73688	0.47393	0.19684	0.31841	5.74E-03	5.45E-03	1.91E-03	4.31E-06	1.81E-05	5.50E-07	2.31E-06	2.07E-06	8.73E-06	5.77E-03	5.46E-03	1.92E-03	1.31E-02	2.0E-06	6.0E-06	3.5E-06	3.3E-06	1.2E-06	1.1E-06	4.8E-07	6.7E-08	1.6E-06	4.4E-07	2.2E-07	4.9E-08	4.2E-08	0.0E+00	2.4E-06
808	UCART1	593327.59	4123679.92	593327.59, 4123679.92	0.86904	0.64619	0.45767	0.16971	0.30334	5.85E-03	4.78E-03	1.84E-03	3.72E-06	1.73E-05	4.74E-07	2.21E-06	1.79E-06	8.31E-06	5.87E-03	4.78E-03	1.85E-03	1.25E-02	2.0E-06	6.1E-06	3.6E-06	2.9E-06	1.1E-06	1.0E-06	4.6E-07	6.8E-08	1.6E-06	4.5E-07	2.0E-07	4.7E-08	4.0E-08	0.0E+00	2.4E-06
809	UCART1	593367.59	4123679.92	593367.59, 4123679.92	0.86146	0.54463	0.43531	0.14784	0.2886	5.80E-03	4.03E-03	1.75E-03	3.24E-06	1.65E-05	4.13E-07	2.10E-06	1.56E-06	7.91E-06	5.82E-03	4.03E-03	1.76E-03	1.16E-02	2.0E-06	6.1E-06	3.5E-06	2.4E-06	1.1E-06	9.6E-07	4.4E-07	6.7E-08	1.6E-06	4.5E-07	1.7E-07	4.5E-08	3.8E-08	0.0E+00	2.4E-06
810	UCART1	593407.59	4123679.92	593407.59, 4123679.92	0.83037	0.45828	0.40587	0.13	0.27363	5.59E-03	3.39E-03	1.63E-03	2.85E-06	1.56E-05	3.63E-07	1.99E-06	1.37E-06	7.50E-06	5.61E-03	3.39E-03	1.64E-03	1.06E-02	1.9E-06	5.9E-06	3.4E-06	2.1E-06	9.9E-07	9.0E-07	4.1E-07	6.5E-08	1.6E-06	4.3E-07	1.4E-07	4.2E-08	3.6E-08	0.0E+00	2.3E-06
811	UCART1	593447.59	4123679.92	593447.59, 4123679.92	0.78113	0.39607	0.3701	0.11529	0.25825	5.26E-03	2.93E-03	1.49E-03	2.53E-06	1.47E-05	3.22E-07	1.88E-06	1.21E-06	7.08E-06	5.28E-03	2.93E-03	1.50E-03	9.71E-03	1.8E-06	5.5E-06	3.2E-06	1.8E-06	9.1E-07	8.2E-07	3.7E-07	6.1E-08	1.5E-06	4.1E-07	1.2E-07	3.8E-08	3.3E-08	0.0E+00	2.1E-06
812	UCART1	593487.59	4123679.92	593487.59, 4123679.92	0.71986	0.3399	0.33151	0.10302	0.24238	4.85E-03	2.52E-03	1.33E-03	2.26E-06	1.38E-05	2.88E-07	1.76E-06	1.09E-06	6.64E-06	4.86E-03	2.52E-03	1.34E-03	8.72E-03	1.7E-06	5.1E-06	2.9E-06	1.5E-06	8.1E-07	7.4E-07	3.4E-07	5.6E-08	1.4E-06	3.7E-07	1.0E-07	3.4E-08	2.9E-08	0.0E+00	2.0E-06
813	UCART1	593527.59	4123679.92	593527.59, 4123679.92	0.65186	0.28909	0.29453	0.09272	0.22665	4.39E-03	2.14E-03	1.18E-03	2.03E-06	1.29E-05	2.59E-07	1.65E-06	9.77E-07	6.21E-06	4.41E-03	2.14E-03	1.19E-03	7.74E-03	1.5E-06	4.6E-06	2.7E-06	1.3E-06	7.2E-07	6.5E-07	3.0E-07	5.1E-08	1.2E-06	3.4E-07	8.8E-08	3.1E-08	2.6E-08	0.0E+00	1.8E-06
814	UCART1	593567.59	4123679.92	593567.59, 4123679.92	0.58074	0.24706	0.26155	0.08395	0.21097	3.91E-03	1.83E-03	1.05E-03	1.84E-06	1.20E-05	2.35E-07	1.53E-06	8.84E-07	5.78E-06	3.93E-03	1.83E-03	1.06E-03	6.81E-03	1.4E-06	4.1E-06	2.4E-06	1.1E-06	6.4E-07	5.8E-07	2.6E-07	4.5E-08	1.1E-06	3.0E-07	7.5E-08	2.7E-08	2.3E-08	0.0E+00	1.6E-06
815	UCART1	593607.59	4123679.92	593607.59, 4123679.92	0.51019	0.21424	0.23345	0.0765	0.19534	3.44E-03	1.59E-03	9.38E-04	1.68E-06	1.11E-05	2.14E-07	1.42E-06	8.06E-07	5.35E-06	3.45E-03	1.59E-03	9.45E-04	5.98E-03	1.2E-06	3.6E-06	2.1E-06	9.6E-07	5.7E-07	5.2E-07	2.4E-07	4.0E-08	9.6E-07	2.7E-07	6.5E-08	2.4E-08	2.1E-08	0.0E+00	1.4E-06
816	UCART1	593647.59	4123679.92	593647.59, 4123679.92	0.44225	0.18853	0.20931	0.07009	0.179	2.98E-03	1.40E-03	8.41E-04	1.54E-06	1.02E-05	1.96E-07	1.30E-06	7.38E-07	4.91E-06	2.99E-03	1.40E-03	8.47E-04	5.23E-03	1.0E-06	3.1E-06	1.8E-06	8.5E-07	5.1E-07	4.6E-07	2.1E-07	3.5E-08	8.3E-07	2.3E-07	5.7E-08	2.2E-08	1.8E-08	0.0E+00	1.2E-06
817	UCART1	593687.59	4123679.92	593687.59, 4123679.92	0.38011	0.16769	0.18791	0.06454	0.16217	2.56E-03	1.24E-03	7.55E-04	1.41E-06	9.24E-06	1.80E-07	1.18E-06	6.80E-07	4.44E-06	2.57E-03	1.24E-03	7.60E-04	4.57E-03	8.9E-07	2.7E-06	1.6E-06	7.5E-07	4.6E-07	4.2E-07	1.9E-07	3.0E-08	7.2E-07	2.0E-07	5.1E-08	2.0E-08	1.7E-08	0.0E+00	1.0E-06
818	UCART1	593727.59	4123679.92	593727.59, 4123679.92	0.32648	0.1501	0.16865	0.0597	0.14591	2.20E-03	1.11E-03	6.78E-04	1.31E-06	8.32E-06	1.67E-07	1.06E-06	6.29E-07	4.00E-06	2.21E-03	1.11E-03	6.83E-04	4.00E-03	7.6E-07	2.3E-06	1.3E-06	6.7E-07	4.1E-07	3.7E-07	1.7E-07	2.6E-08	6.2E-07	1.7E-07	4.6E-08	1.8E-08	1.5E-08	0.0E+00	8.9E-07
819	UCART1	593767.59	4123679.92	593767.59, 4123679.92	0.28195	0.13489	0.15154	0.05546	0.13141	1.90E-03	9.98E-04	6.09E-04	1.22E-06	7.49E-06	1.55E-07	9.55E-07	5.84E-07	3.60E-06	1.91E-03	9.99E-04	6.13E-04	3.52E-03	6.6E-07	2.0E-06	1.2E-06	6.0E-07	3.7E-07	3.4E-07	1.5E-07	2.2E-08	5.3E-07	1.5E-07	4.1E-08	1.6E-08	1.3E-08	0.0E+00	7.7E-07
820	UCART1	593807.59	4123679.92	593807.59, 4123679.92	0.24484	0.12154	0.13665	0.05168	0.11908	1.65E-03	8.99E-04	5.49E-04	1.13E-06	6.79E-06	1.44E-07	8.66E-07	5.44E-07	3.26E-06	1.66E-03	9.00E-04	5.53E-04	3.11E-03	5.7E-07	1.7E-06	1.0E-06	5.4E-07	3.3E-07	3.0E-07	1.4E-07	1.9E-08	4.6E-07	1.3E-07	3.7E-08	1.4E-08	1.2E-08	0.0E+00	6.7E-07
821	UCART1	593847.59	4123679.92	593847.59, 4123679.92	0.21377	0.10995	0.12411	0.04837	0.10855	1.44E-03	8.14E-04	4.99E-04	1.06E-06	6.19E-06	1.35E-07	7.89E-07	5.10E-07	2.97E-06	1.45E-03	8.15E-04	5.02E-04	2.76E-03	5.0E-07	1.5E-06	8.8E-07	4.9E-07	3.0E-07	2.8E-07	1.3E-07	1.7E-08	4.0E-07	1.1E-07	3.3E-08	1.3E-08	1.1E-08	0.0E+00	5.9E-07
822	UCART1	593887.59	4123679.92	593887.59, 4123679.92	0.18709	0.09958	0.1132	0.04536	0.09885	1.26E-03	7.37E-04	4.55E-04	9.94E-07	5.63E-06	1.27E-07	7.19E-07	4.78E-07	2.71E-06	1.27E-03	7.38E-04	4.58E-04	2.46E-03	4.4E-07	1.3E-06	7.7E-07	4.5E-07	2.8E-07	2.5E-07	1.1E-07	1.5E-08	3.5E-07	9.8E-08	3.0E-08	1.2E-08	1.0E-08	0.0E+00	5.2E-07
823	UCART1	593927.59	4123679.92	593927.59, 4123679.92	0.16509	0.09058	0.10396	0.04273	0.09027	1.11E-03	6.70E-04	4.18E-04	9.36E-07	5.15E-06	1.19E-07	6.56E-07	4.50E-07	2.47E-06	1.12E-03	6.71E-04	4.21E-04	2.21E-03	3.9E-07	1.2E-06	6.8E-07	4.1E-07	2.5E-07	2.3E-07	1.1E-07	1.3E-08	3.1E-07	8.6E-08	2.8E-08	1.1E-08	9.2E-09	0.0E+00	4.6E-07
824	UCART1	593967.59	4123679.92	593967.59, 4123679.92	0.14643	0.08249	0.09567	0.04033	0.08259	9.86E-04	6.10E-04	3.85E-04	8.84E-07	4.71E-06	1.13E-07	6.00E-07	4.25E-07	2.26E-06	9.92E-04	6.11E-04	3.87E-04	1.99E-03	3.4E-07	1.0E-06	6.0E-07	3.7E-07	2.3E-07	2.1E-07	9.7E-08	1.1E-08	2.8E-07	7.6E-08	2.5E-08	9.9E-09	8.4E-09	0.0E+00	4.1E-07
825	UCART1	594007.59	4123679.92	594007.59, 4123679.92	0.13083	0.07537	0.08831	0.03818	0.07602	8.81E-04	5.58E-04	3.55E-04	8.37E-07	4.33E-06	1.07E-07	5.53E-07	4.02E-07	2.08E-06	8.86E-04	5.58E-04	3.57E-04	1.80E-03	3.1E-07	9.3E-07	5.4E-07	3.4E-07	2.2E-07	2.0E-07	8.9E-08	1.0E-08	2.5E-07	6.8E-08	2.3E-08	9.2E-09	7.8E-09	0.0E+00	3.7E-07
826	UCART1	593087.59	4123719.92	593087.59, 4123719.92	0.49836	0.63885	0.4021	0.39365	0.34723	3.36E-03	4.73E-03	1.62E-03	8.63E-06	1.98E-05	1.10E-06	2.52E-06	4.15E-06	9.52E-06	3.38E-03	4.73E-03	1.63E-03	9.75E-03	1.2E-06	3.5E-06	2.0E-06	2.9E-06	9.9E-07	8.9E-07	4.1E-07	3.9E-08	8.9E-07	2.6E-07	1.9E-07	4.2E-08	3.6E-08	0.0E+00	1.5E-06
827	UCART1	593127.59	4123719.92	593127.59, 4123719.92	0.54791	0.62692	0.40543	0.32632	0.3285	3.69E-03	4.64E-03	1.63E-03	7.15E-06	1.87E-05	9.12E-07	2.39E-06	3.44E-06	9.00E-06	3.72E-03	4.64E-03	1.64E-03	1.00E-02	1.3E-06	3.9E-06	2.2E-06	2.8E-06	9.9E-07	9.0E-07	4.1E-07	4.3E-08	1.0E-06	2.9E-07	1.9E-07	4.2E-08	3.6E-08	0.0E+00	1.6E-06
828	UCART1	593167.59	4123719.92	593167.59, 4123719.92	0.59139	0.61226	0.40349	0.27455	0.31135	3.98E-03	4.53E-03	1.62E-03	6.02E-06	1.77E-05	7.67E-07	2.26E-06	2.89E-06	8.53E-06	4.01E-03	4.53E-03	1.63E-03	1.02E-02	1.4E-06	4.2E-06	2.4E-06	2.7E-06	9.9E-07	9.0E-07	4.1E-07	4.6E-08	1.1E-06	3.1E-07	1.9E-07	4.2E-08	3.6E-08	0.0E+00	1.7E-06
829	UCART1	593207.59	4123719.92	593207.59, 4123719.92	0.62516	0.60219	0.39749	0.23416	0.29592	4.21E-03	4.46E-03	1.60E-03	5.13E-06	1.69E-05	6.55E-07	2.15E-06	2.47E-06	8.11E-06	4.23E-03	4.46E-03	1.61E-03	1.03E-02	1.5E-06	4.4E-06	2.6E-06	2.7E-06	9.7E-07	8.8E-07	4.0E-07	4.9E-08	1.2E-06	3.3E-07	1.8E-07	4.1E-08	3.5E-08	0.0E+00	1.8E-06
830	UCART1	593247.59	4123719.92	593247.59, 4123719.92	0.64802	0.58221	0.38908	0.20151	0.28181	4.36E-03	4.31E-03	1.56E-03	4.42E-06	1.61E-05	5.63E-07	2.05E-06	2.12E-06	7.72E-06	4.38E-03	4.31E-03	1.57E-03	1.03E-02	1.5E-06	4.6E-06	2.7E-06	2.6E-06	9.5E-07	8.6E-07	3.9E-07	5.1E-08	1.2E-06	3.4E-07	1.8E-07	4.0E-08	3.4E-08	0.0E+00	1.8E-06
831	UCART1	593287.59	4123719.92	593287.59, 4123719.92	0.66018	0.53555	0.37898	0.17504	0.26849	4.45E-03	3.96E-03	1.52E-03	3.84E-06	1.53E-05	4.89E-07	1.95E-06	1.84E-06	7.36E-06	4.47E-03	3.97E-03	1.53E-03	9.96E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	9.3E-07	8.4E-07	3.8E-07	5.2E-08	1.2E-06	3.4E-07	1.6E-07	3.9E-08	3.3E-08	0.0E+00	1.9E-06
832	UCART1	593327.59	4123719.92	593327.59, 4123719.92	0.6599	0.47613	0.3658	0.15327	0.25549	4.44E-03	3.52E-03	1.47E-03	3.36E-06	1.46E-05	4.28E-07	1.86E-06	1.61E-06	7.00E-06	4.46E-03	3.53E-03	1.48E-03	9.47E-03	1.5E-06	4.7E-06	2.7E-06	2.1E-06	8.9E-07	8.1E-07	3.7E-07	5.2E-08	1.2E-06	3.4E-07	1.4E-07	3.8E-08	3.2E-08	0.0E+00	1.9E-06
833	UCART1	593367.59	4123719.92	593367.59, 4123719.92	0.64549	0.41066	0.34798	0.13523	0.24251	4.35E-03	3.04E-03	1.40E-03	2.96E-06	1.38E-05	3.78E-07	1.76E-06	1.42E-06	6.65E-06	4.36E-03	3.04E-03	1.41E-03	8.81E-03	1.5E-06	4.6E-06	2.6E-06	1.8E-06	8.5E-07	7.7E-07	3.5E-07	5.0E-08	1.2E-06	3.4E-07	1.2E-07	3.6E-08	3.1E-08	0.0E+00	1.9E-06
834	UCART1	593407.59	4123719.92	593407.59, 4123719.92	0.61809	0.35095	0.32515	0.12013	0.22929	4.16E-03	2.60E-03	1.31E-03	2.63E-06	1.31E-05	3.36E-07	1.67E-06	1.27E-06	6.28E-06	4.18E-03	2.60E-03	1.32E-03	8.09E-03	1.4E-06	4.4E-06	2.5E-06	1.6E-06	8.0E-07	7.2E-07	3.3E-07	4.8E-08	1.2E-06	3.2E-07	1.1E-07	3.4E-08	2.9E-08	0.0E+00	1.7E-06
835	UCART1	593447.59	4123719.92	593447.59, 4123719.92	0.58088	0.31068	0.29805	0.10743	0.21604	3.91E-03	2.30E-03	1.20E-03	2.35E-06	1.23E-05	3.00E-07	1.57E-06	1.13E-06	5.92E-06	3.93E-03	2.30E-03	1.21E-03	7.43E-03	1.4E-06	4.1E-06	2.4E-06	1.4E-06	7.3E-07	6.6E-07	3.0E-07	4.5E-08	1.1E-06	3.0E-07	9.5E-08	3.1E-08	2.6E-08	0.0E+00	1.6E-06
836	UCART1	593487.59	4123719.92	593487.59, 4123719.92	0.53748	0.27628	0.26922	0.09665	0.20283	3.62E-03	2.04E-03	1.08E-03	2.12E-06	1.16E-05	2.70E-07	1.47E-06	1.02E-06	5.56E-06	3.63E-03	2.05E-03	1.09E-03	6.77E-03	1.3E-06	3.8E-06	2.2E-06	1.2E-06	6.6E-07	6.0E-07	2.7E-07	4.2E-08	1.0E-06	2.8E-07	8.4E-08	2.8E-08	2.4E-08	0.0E+00	1.5E-06
837	UCART1	593527.59	4123719.92	593527.59, 4123719.92	0.49059	0.24127	0.24161	0.08744	0.18993	3.30E-03	1.79E-03	9.71E-04	1.92E-06	1.08E-05	2.44E-07	1.38E-06	9.21E-07	5.20E-06	3.32E-03	1.79E-03	9.77E-04	6.08E-03	1.1E-06	3.5E-06	2.0E-06	1.1E-06	5.9E-07	5.4E-07	2.4E-07	3.8E-08	9.3E-07	2.6E-07	7.3E-08	2.5E-08	2.1E-08	0.0E+00	1.3E-06
838	UCART1	593567.59	4123719.92	593567.59, 4123719.92	0.44221	0.20941	0.21708	0.07957	0.17738	2.98E-03	1.55E-03	8.73E-04	1.74E-06	1.01E-05	2.22E-07	1.29E-06	8.38E-07	4.86E-06	2.99E-03	1.55E-03	8.78E-04	5.42E-03	1.0E-06	3.1E-06	1.8E-06	9.4E-07	5.3E-07	4.8E-07	2.2E-07	3.5E-08	8.3E-07	2.3E-07	6.4E-08	2.3E-08	1.9E-08	0.0E+00	1.2E-06
839	UCART1	593607.59	4123719.92	593607.59, 4123719.92	0.39342	0.183	0.19596	0.07276	0.16462	2.65E-03	1.35E-03	7.88E-04	1.59E-06	9.38E-06	2.03E-07	1.20E-06	7.67E-07	4.51E-06	2.66E-03	1.36E-03	7.93E-04	4.81E-03	9.2E-07	2.8E-06	1.6E-06	8.2E-07	4.8E-07	4.3E-07	2.0E-07	3.1E-08	7.4E-07	2.1E-07	5.6E-08	2.0E-08	1.7E-08	0.0E+00	1.1E-06
840	UCART1	593647.59	4123719.92	593647.59, 4123719.92	0.34663	0.16237	0.17798	0.0669	0.15165	2.33E-03	1.20E-03	7.15E-04	1.47E-06	8.64E-06	1.87E-07	1.10E-06	7.05E-07	4.16E-06	2.34E-03	1.20E-03	7.20E-04	4.27E-03	8.1E-07	2.5E-06	1.4E-06	7.3E-07	4.4E-07	4.0E-07	1.8E-07	2.7E-08	6.5E-07	1.8E-07	4.9E-08	1.8E-08	1.6E-08	0.0E+00	9.5E-07
841	UCART1	593687.59	4123719.92	593687.59, 4123719.92	0.30341	0.14601	0.16189	0.06176	0.13851	2.04E-03	1.08E-03	6.51E-04	1.35E-06	7.90E-06	1.73E-07	1.01E-06	6.51E-07	3.80E-06	2.05E-03	1.08E-03	6.55E-04	3.79E-03	7.1E-07	2.1E-06	1.2E-06	6.5E-07	4.0E-07	3.6E-07	1.6E-07	2.4E-08	5.7E-07	1.6E-07	4.4E-08	1.7E-08	1.4E-08	0.0E+00	8.3E-07
842	UCART1	593727.59	4123719.92	593727.59, 4123719.92	0.26549	0.13247	0.14704	0.05724	0.12589	1.79E-03	9.80E-04	5.91E-04	1.25E-06	7.18E-06	1.60E-07	9.15E-07	6.03E-07	3.45E-06	1.80E-03	9.81E-04	5.95E-04	3.37E-03	6.2E-07	1.9E-06	1.1E-06	5.9E-07	3.6E-07	3.3E-07	1.5E-07	2.1E-08	5.0E-07	1.4E-07	4.0E-08	1.5E-08	1.3E-08	0.0E+00	7.3E-07
843	UCART1	593767.59	4123719.92	593767.59, 4123719.92	0.23356	0.12085	0.13354	0.05328	0.1146	1.57E-03	8.94E-04	5.37E-04	1.17E-06	6.53E-06	1.49E-07	8.33E-07	5.61E-07	3.14E-06	1.58E-03	8.95E-04	5.40E-04	3.02E-03	5.5E-07	1.7E-06	9.6E-07	5.4E-07	3.3E-07	3.0E-07	1.4E-07	1.8E-08	4.4E-07	1.2E-07	3.7E-08	1.4E-08	1.2E-08	0.0E+00	6.4E-07

CONSTRUCTION RISK (UNMITIGATED)

844	UCART1	593807.59	4123719.92	593807.59, 4123719.92	0.20648	0.11046	0.1214	0.04974	0.10484	1.39E-03	8.17E-04	4.88E-04	1.09E-06	5.98E-06	1.39E-07	7.62E-07	5.24E-07	2.87E-06	1.40E-03	8.18E-04	4.91E-04	2.71E-03	4.8E-07	1.5E-06	8.5E-07	5.0E-07	3.0E-07	2.7E-07	1.2E-07	1.6E-08	3.9E-07	1.1E-07	3.4E-08	1.3E-08	1.1E-08	0.0E+00	5.7E-07
845	UCART1	593847.59	4123719.92	593847.59, 4123719.92	0.18325	0.10118	0.11088	0.04659	0.09646	1.23E-03	7.49E-04	4.46E-04	1.02E-06	5.50E-06	1.30E-07	7.01E-07	4.91E-07	2.64E-06	1.24E-03	7.50E-04	4.49E-04	2.44E-03	4.3E-07	1.3E-06	7.5E-07	4.5E-07	2.7E-07	2.5E-07	1.1E-07	1.4E-08	3.5E-07	9.6E-08	3.1E-08	1.2E-08	9.8E-09	0.0E+00	5.1E-07
846	UCART1	593887.59	4123719.92	593887.59, 4123719.92	0.163	0.09279	0.1018	0.04376	0.08884	1.10E-03	6.87E-04	4.09E-04	9.59E-07	5.06E-06	1.22E-07	6.46E-07	4.61E-07	2.43E-06	1.10E-03	6.87E-04	4.12E-04	2.20E-03	3.8E-07	1.2E-06	6.7E-07	4.2E-07	2.5E-07	2.3E-07	1.0E-07	1.3E-08	3.1E-07	8.5E-08	2.8E-08	1.1E-08	9.0E-09	0.0E+00	4.5E-07
847	UCART1	593927.59	4123719.92	593927.59, 4123719.92	0.14577	0.08534	0.09411	0.04128	0.08193	9.82E-04	6.32E-04	3.78E-04	9.05E-07	4.67E-06	1.15E-07	5.96E-07	4.35E-07	2.25E-06	9.87E-04	6.32E-04	3.81E-04	2.00E-03	3.4E-07	1.0E-06	6.0E-07	3.8E-07	2.3E-07	2.1E-07	9.5E-08	1.1E-08	2.8E-07	7.6E-08	2.6E-08	9.8E-09	8.3E-09	0.0E+00	4.1E-07
848	UCART1	593967.59	4123719.92	593967.59, 4123719.92	0.1309	0.07854	0.08729	0.03901	0.07558	8.82E-04	5.81E-04	3.51E-04	8.55E-07	4.31E-06	1.09E-07	5.49E-07	4.11E-07	2.07E-06	8.87E-04	5.82E-04	3.53E-04	1.82E-03	3.1E-07	9.3E-07	5.4E-07	3.5E-07	2.1E-07	1.9E-07	8.8E-08	1.0E-08	2.5E-07	6.8E-08	2.4E-08	9.1E-09	7.7E-09	0.0E+00	3.7E-07
849	UCART1	594007.59	4123719.92	594007.59, 4123719.92	0.11823	0.07238	0.08123	0.03698	0.06999	7.96E-04	5.36E-04	3.27E-04	8.10E-07	3.99E-06	1.03E-07	5.09E-07	3.90E-07	1.92E-06	8.01E-04	5.36E-04	3.29E-04	1.67E-03	2.8E-07	8.4E-07	4.8E-07	3.2E-07	2.0E-07	1.8E-07	8.2E-08	9.3E-09	2.2E-07	6.2E-08	2.2E-08	8.4E-09	7.2E-09	0.0E+00	3.3E-07
850	UCART1	593087.59	4123759.92	593087.59, 4123759.92	0.44423	0.49142	0.33908	0.31333	0.29004	2.99E-03	3.64E-03	1.36E-03	6.87E-06	1.65E-05	8.76E-07	2.11E-06	3.30E-06	7.95E-06	3.02E-03	3.64E-03	1.37E-03	8.03E-03	1.0E-06	3.2E-06	1.8E-06	2.2E-06	8.3E-07	7.5E-07	3.4E-07	3.5E-08	8.4E-07	2.3E-07	1.5E-07	3.5E-08	3.0E-08	0.0E+00	1.3E-06
851	UCART1	593127.59	4123759.92	593127.59, 4123759.92	0.47336	0.47774	0.33705	0.26665	0.27638	3.19E-03	3.54E-03	1.35E-03	5.84E-06	1.58E-05	7.45E-07	2.01E-06	2.81E-06	7.57E-06	3.21E-03	3.54E-03	1.37E-03	8.11E-03	1.1E-06	3.4E-06	1.9E-06	2.1E-06	8.3E-07	7.5E-07	3.4E-07	3.7E-08	9.0E-07	2.5E-07	1.5E-07	3.5E-08	3.0E-08	0.0E+00	1.4E-06
852	UCART1	593167.59	4123759.92	593167.59, 4123759.92	0.49614	0.46928	0.33222	0.22915	0.26339	3.34E-03	3.47E-03	1.34E-03	5.02E-06	1.50E-05	6.41E-07	1.91E-06	2.41E-06	7.22E-06	3.36E-03	3.48E-03	1.35E-03	8.18E-03	1.2E-06	3.5E-06	2.0E-06	2.1E-06	8.1E-07	7.4E-07	3.4E-07	3.9E-08	9.4E-07	2.6E-07	1.4E-07	3.5E-08	2.9E-08	0.0E+00	1.4E-06
853	UCART1	593207.59	4123759.92	593207.59, 4123759.92	0.51201	0.46396	0.32619	0.19972	0.25116	3.45E-03	3.43E-03	1.31E-03	4.38E-06	1.43E-05	5.58E-07	1.83E-06	2.10E-06	6.88E-06	3.47E-03	3.44E-03	1.32E-03	8.22E-03	1.2E-06	3.6E-06	2.1E-06	2.1E-06	8.0E-07	7.2E-07	3.3E-07	4.0E-08	9.7E-07	2.7E-07	1.4E-07	3.4E-08	2.9E-08	0.0E+00	1.5E-06
854	UCART1	593247.59	4123759.92	593247.59, 4123759.92	0.52003	0.44479	0.31881	0.17532	0.23954	3.50E-03	3.29E-03	1.28E-03	3.84E-06	1.37E-05	4.90E-07	1.74E-06	1.85E-06	6.56E-06	3.52E-03	3.29E-03	1.29E-03	8.10E-03	1.2E-06	3.7E-06	2.1E-06	2.0E-06	7.8E-07	7.1E-07	3.2E-07	4.1E-08	9.8E-07	2.7E-07	1.4E-07	3.3E-08	2.8E-08	0.0E+00	1.5E-06
855	UCART1	593287.59	4123759.92	593287.59, 4123759.92	0.5206	0.40722	0.31002	0.15508	0.22825	3.51E-03	3.01E-03	1.25E-03	3.40E-06	1.30E-05	4.33E-07	1.66E-06	1.63E-06	6.25E-06	3.52E-03	3.02E-03	1.25E-03	7.79E-03	1.2E-06	3.7E-06	2.1E-06	1.8E-06	7.6E-07	6.9E-07	3.1E-07	4.1E-08	9.8E-07	2.7E-07	1.2E-07	3.2E-08	2.7E-08	0.0E+00	1.5E-06
856	UCART1	593327.59	4123759.92	593327.59, 4123759.92	0.51382	0.36687	0.2991	0.138	0.21703	3.46E-03	2.71E-03	1.20E-03	3.02E-06	1.24E-05	3.86E-07	1.58E-06	1.45E-06	5.95E-06	3.48E-03	2.72E-03	1.21E-03	7.40E-03	1.2E-06	3.6E-06	2.1E-06	1.6E-06	7.3E-07	6.6E-07	3.0E-07	4.0E-08	9.7E-07	2.7E-07	1.1E-07	3.1E-08	2.6E-08	0.0E+00	1.4E-06
857	UCART1	593367.59	4123759.92	593367.59, 4123759.92	0.49864	0.32252	0.28465	0.12342	0.20571	3.36E-03	2.39E-03	1.14E-03	2.70E-06	1.17E-05	3.45E-07	1.50E-06	1.30E-06	5.64E-06	3.37E-03	2.39E-03	1.15E-03	6.91E-03	1.2E-06	3.5E-06	2.0E-06	1.4E-06	7.0E-07	6.3E-07	2.9E-07	3.9E-08	9.4E-07	2.6E-07	9.8E-08	3.0E-08	2.5E-08	0.0E+00	1.4E-06
858	UCART1	593407.59	4123759.92	593407.59, 4123759.92	0.47616	0.27845	0.2665	0.11093	0.19452	3.21E-03	2.06E-03	1.07E-03	2.43E-06	1.11E-05	3.10E-07	1.41E-06	1.17E-06	5.33E-06	3.22E-03	2.06E-03	1.08E-03	6.36E-03	1.1E-06	3.4E-06	1.9E-06	1.2E-06	6.5E-07	5.9E-07	2.7E-07	3.7E-08	9.0E-07	2.5E-07	8.5E-08	2.8E-08	2.3E-08	0.0E+00	1.3E-06
859	UCART1	593447.59	4123759.92	593447.59, 4123759.92	0.44792	0.24902	0.24542	0.10013	0.18335	3.02E-03	1.84E-03	9.87E-04	2.19E-06	1.05E-05	2.80E-07	1.33E-06	1.05E-06	5.02E-06	3.03E-03	1.84E-03	9.93E-04	5.87E-03	1.0E-06	3.2E-06	1.8E-06	1.1E-06	6.0E-07	5.4E-07	2.5E-07	3.5E-08	8.5E-07	2.3E-07	7.6E-08	2.5E-08	2.2E-08	0.0E+00	1.2E-06
860	UCART1	593487.59	4123759.92	593487.59, 4123759.92	0.41636	0.22751	0.22339	0.09082	0.17262	2.80E-03	1.68E-03	8.98E-04	1.99E-06	9.84E-06	2.54E-07	1.26E-06	9.57E-07	4.73E-06	2.82E-03	1.69E-03	9.04E-04	5.40E-03	9.7E-07	2.9E-06	1.7E-06	1.0E-06	5.5E-07	5.0E-07	2.3E-07	3.3E-08	7.9E-07	2.2E-07	6.9E-08	2.3E-08	2.0E-08	0.0E+00	1.1E-06
861	UCART1	593527.59	4123759.92	593527.59, 4123759.92	0.38266	0.20438	0.20219	0.08268	0.1621	2.58E-03	1.51E-03	8.13E-04	1.81E-06	9.24E-06	2.31E-07	1.18E-06	8.71E-07	4.44E-06	2.59E-03	1.51E-03	8.18E-04	4.92E-03	9.0E-07	2.7E-06	1.6E-06	9.2E-07	4.9E-07	4.5E-07	2.0E-07	3.0E-08	7.2E-07	2.0E-07	6.2E-08	2.1E-08	1.8E-08	0.0E+00	1.1E-06
862	UCART1	593567.59	4123759.92	593567.59, 4123759.92	0.34809	0.18068	0.18331	0.07565	0.15187	2.34E-03	1.34E-03	7.37E-04	1.66E-06	8.66E-06	2.11E-07	1.10E-06	7.97E-07	4.16E-06	2.35E-03	1.34E-03	7.42E-04	4.43E-03	8.2E-07	2.5E-06	1.4E-06	8.1E-07	4.5E-07	4.1E-07	1.9E-07	2.7E-08	6.6E-07	1.8E-07	5.5E-08	1.9E-08	1.6E-08	0.0E+00	9.6E-07
863	UCART1	593607.59	4123759.92	593607.59, 4123759.92	0.31311	0.1593	0.16703	0.06948	0.14143	2.11E-03	1.18E-03	6.71E-04	1.52E-06	8.06E-06	1.94E-07	1.03E-06	7.32E-07	3.88E-06	2.12E-03	1.18E-03	6.76E-04	3.97E-03	7.3E-07	2.2E-06	1.3E-06	7.1E-07	4.1E-07	3.7E-07	1.7E-07	2.4E-08	5.9E-07	1.6E-07	4.8E-08	1.7E-08	1.5E-08	0.0E+00	8.6E-07
864	UCART1	593647.59	4123759.92	593647.59, 4123759.92	0.27927	0.14175	0.15313	0.06407	0.13085	1.88E-03	1.05E-03	6.16E-04	1.40E-06	7.46E-06	1.79E-07	9.51E-07	6.75E-07	3.59E-06	1.89E-03	1.05E-03	6.20E-04	3.56E-03	6.5E-07	2.0E-06	1.1E-06	6.4E-07	3.8E-07	3.4E-07	1.6E-07	2.2E-08	5.3E-07	1.5E-07	4.3E-08	1.6E-08	1.4E-08	0.0E+00	7.7E-07
865	UCART1	593687.59	4123759.92	593687.59, 4123759.92	0.24812	0.12796	0.14086	0.05934	0.12043	1.67E-03	9.47E-04	5.66E-04	1.30E-06	6.86E-06	1.66E-07	8.76E-07	6.25E-07	3.30E-06	1.68E-03	9.48E-04	5.70E-04	3.20E-03	5.8E-07	1.8E-06	1.0E-06	5.7E-07	3.4E-07	3.1E-07	1.4E-07	1.9E-08	4.7E-07	1.3E-07	3.9E-08	1.5E-08	1.2E-08	0.0E+00	6.8E-07
866	UCART1	593727.59	4123759.92	593727.59, 4123759.92	0.22039	0.11689	0.12939	0.05514	0.11043	1.48E-03	8.65E-04	5.20E-04	1.21E-06	6.29E-06	1.54E-07	8.03E-07	5.81E-07	3.03E-06	1.49E-03	8.66E-04	5.24E-04	2.88E-03	5.2E-07	1.6E-06	9.0E-07	5.2E-07	3.2E-07	2.9E-07	1.3E-07	1.7E-08	4.2E-07	1.1E-07	3.6E-08	1.3E-08	1.1E-08	0.0E+00	6.1E-07
867	UCART1	593767.59	4123759.92	593767.59, 4123759.92	0.19663	0.10767	0.11865	0.05141	0.10136	1.32E-03	7.97E-04	4.77E-04	1.13E-06	5.78E-06	1.44E-07	7.37E-07	5.42E-07	2.78E-06	1.33E-03	7.98E-04	4.80E-04	2.61E-03	4.6E-07	1.4E-06	8.1E-07	4.8E-07	2.9E-07	2.6E-07	1.2E-07	1.5E-08	3.7E-07	1.0E-07	3.3E-08	1.2E-08	1.0E-08	0.0E+00	5.5E-07
868	UCART1	593807.59	4123759.92	593807.59, 4123759.92	0.1762	0.09952	0.10868	0.04805	0.09341	1.19E-03	7.36E-04	4.37E-04	1.05E-06	5.32E-06	1.34E-07	6.79E-07	5.06E-07	2.56E-06	1.19E-03	7.37E-04	4.40E-04	2.37E-03	4.1E-07	1.2E-06	7.2E-07	4.5E-07	2.7E-07	2.4E-07	1.1E-07	1.4E-08	3.3E-07	9.2E-08	3.0E-08	1.1E-08	9.6E-09	0.0E+00	4.9E-07
869	UCART1	593847.59	4123759.92	593847.59, 4123759.92	0.15856	0.09224	0.09984	0.04508	0.0866	1.07E-03	6.83E-04	4.01E-04	9.88E-07	4.94E-06	1.26E-07	6.30E-07	4.75E-07	2.37E-06	1.07E-03	6.83E-04	4.04E-04	2.16E-03	3.7E-07	1.1E-06	6.5E-07	4.1E-07	2.4E-07	2.2E-07	1.0E-07	1.2E-08	3.0E-07	8.3E-08	2.8E-08	1.0E-08	8.8E-09	0.0E+00	4.4E-07
870	UCART1	593887.59	4123759.92	593887.59, 4123759.92	0.14314	0.08569	0.09223	0.04245	0.08056	9.64E-04	6.34E-04	3.71E-04	9.30E-07	4.59E-06	1.19E-07	5.86E-07	4.47E-07	2.21E-06	9.70E-04	6.35E-04	3.73E-04	1.98E-03	3.4E-07	1.0E-06	5.9E-07	3.8E-07	2.3E-07	2.0E-07	9.3E-08	1.1E-08	2.7E-07	7.5E-08	2.6E-08	9.6E-09	8.1E-09	0.0E+00	4.0E-07
871	UCART1	593927.59	4123759.92	593927.59, 4123759.92	0.12941	0.07962	0.08558	0.04005	0.07487	8.72E-04	5.89E-04	3.44E-04	8.78E-07	4.27E-06	1.12E-07	5.44E-07	4.22E-07	2.05E-06	8.77E-04	5.90E-04	3.46E-04	1.81E-03	3.0E-07	9.2E-07	5.3E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	1.0E-08	2.4E-07	6.8E-08	2.4E-08	8.9E-09	7.5E-09	0.0E+00	3.6E-07
872	UCART1	593967.59	4123759.92	593967.59, 4123759.92	0.11736	0.07401	0.07976	0.03788	0.06956	7.90E-04	5.48E-04	3.21E-04	8.30E-07	3.96E-06	1.06E-07	5.06E-07	3.99E-07	1.91E-06	7.95E-04	5.48E-04	3.23E-04	1.67E-03	2.8E-07	8.3E-07	4.8E-07	3.3E-07	2.0E-07	1.8E-07	8.1E-08	9.2E-09	2.2E-07	6.1E-08	2.3E-08	8.3E-09	7.0E-09	0.0E+00	3.3E-07
873	UCART1	594007.59	4123759.92	594007.59, 4123759.92	0.10698	0.06887	0.07466	0.03594	0.06479	7.21E-04	5.10E-04	3.00E-04	7.88E-07	3.69E-06	1.00E-07	4.71E-07	3.79E-07	1.78E-06	7.25E-04	5.10E-04	3.02E-04	1.54E-03	2.5E-07	7.6E-07	4.4E-07	3.1E-07	1.8E-07	1.7E-07	7.6E-08	8.4E-09	2.0E-07	5.6E-08	2.1E-08	7.8E-09	6.6E-09	0.0E+00	3.0E-07
874	UCART1	593087.59	4123799.92	593087.59, 4123799.92	0.38944	0.3864	0.28699	0.25464	0.2462	2.62E-03	2.86E-03	1.15E-03	5.58E-06	1.40E-05	7.12E-07	1.79E-06	2.68E-06	6.75E-06	2.64E-03	2.86E-03	1.16E-03	6.67E-03	9.1E-07	2.8E-06	1.6E-06	1.7E-06	7.0E-07	6.4E-07	2.9E-07	3.1E-08	7.4E-07	2.0E-07	1.2E-07	3.0E-08	2.5E-08	0.0E+00	1.1E-06
875	UCART1	593127.59	4123799.92	593127.59, 4123799.92	0.40536	0.37726	0.28298	0.22215	0.2356	2.73E-03	2.79E-03	1.14E-03	4.87E-06	1.34E-05	6.21E-07	1.71E-06	2.34E-06	6.46E-06	2.75E-03	2.79E-03	1.15E-03	6.69E-03	9.5E-07	2.9E-06	1.7E-06	1.7E-06	6.9E-07	6.3E-07	2.9E-07	3.2E-08	7.7E-07	2.1E-07	1.1E-07	2.9E-08	2.5E-08	0.0E+00	1.2E-06
876	UCART1	593167.59	4123799.92	593167.59, 4123799.92	0.41613	0.37419	0.27781	0.1947	0.22524	2.80E-03	2.77E-03	1.12E-03	4.27E-06	1.28E-05	5.44E-07	1.64E-06	2.05E-06	6.17E-06	2.82E-03	2.77E-03	1.12E-03	6.72E-03	9.8E-07	2.9E-06	1.7E-06	1.7E-06	6.8E-07	6.2E-07	2.8E-07	3.3E-08	7.9E-07	2.2E-07	1.1E-07	2.9E-08	2.5E-08	0.0E+00	1.2E-06
877	UCART1	593207.59	4123799.92	593207.59, 4123799.92	0.42155	0.36949	0.27204	0.1716	0.21521	2.84E-03	2.73E-03	1.09E-03	3.76E-06	1.23E-05	4.80E-07	1.56E-06	1.81E-06	5.90E-06	2.86E-03	2.74E-03	1.10E-03	6.69E-03	9.9E-07	3.0E-06	1.7E-06	1.7E-06	6.7E-07	6.0E-07	2.8E-07	3.3E-08	8.0E-07	2.2E-07	1.1E-07	2.8E-08	2.4E-08	0.0E+00	1.2E-06
878	UCART1	593247.59	4123799.92	593247.59, 4123799.92	0.42223	0.35048	0.26589	0.15274	0.20542	2.84E-03	2.59E-03	1.07E-03	3.35E-06	1.17E-05	4.27E-07	1.49E-06	1.61E-06	5.63E-06	2.86E-03	2.60E-03	1.08E-03	6.53E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	6.5E-07	5.9E-07	2.7E-07	3.3E-08	8.0E-07	2.2E-07	1.1E-07	2.8E-08	2.3E-08	0.0E+00	1.2E-06
879	UCART1	593287.59	4123799.92	593287.59, 4123799.92	0.41819	0.32054	0.25862	0.13706	0.19577	2.82E-03	2.37E-03	1.04E-03	3.00E-06	1.12E-05	3.83E-07	1.42E-06	1.44E-06	5.36E-06	2.83E-03	2.37E-03	1.05E-03	6.25E-03	9.8E-07	3.0E-06	1.7E-06	1.4E-06	6.3E-07	5.7E-07	2.6E-07	3.3E-08	7.9E-07	2.2E-07	9.8E-08	2.7E-08	2.3E-08	0.0E+00	1.2E-06
880	UCART1	593327.59	4123799.92	593327.59, 4123799.92	0.40933	0.29232	0.24932	0.12371	0.18614	2.76E-03	2.16E-03	1.00E-03	2.71E-06	1.06E-05	3.46E-07	1.35E-06	1.30E-06	5.10E-06	2.77E-03	2.16E-03	1.01E-03	5.94E-03	9.6E-07	2.9E-06	1.7E-06	1.3E-06	6.1E-07	5.5E-07	2.5E-07	3.2E-08	7.7E-07	2.1E-07	8.9E-08	2.6E-08	2.2E-08	0.0E+00	1.2E-06
881	UCART1	593367.59	4123799.92	593367.59, 4123799.92	0.39556	0.26127	0.23731	0.11211	0.17645	2.66E-03	1.93E-03	9.54E-04	2.46E-06	1.01E-05	3.13E-07	1.28E-06	1.18E-06	4.84E-06	2.68E-03	1.93E-03	9.60E-04	5.57E-03	9.3E-07	2.8E-06	1.6E-06	1.2E-06	5.8E-07	5.3E-07	2.4E-07	3.1E-08	7.5E-07	2.1E-07	7.9E-08	2.5E-08	2.1E-08	0.0E+00	1.1E-06
882	UCART1	593407.59	4123799.92	593407.59, 4123799.92	0.37749	0.22753	0.22262	0.10197	0.16702	2.54E-03	1.68E-03	8.95E-04	2.23E-06	9.52E-06	2.85E-07	1.21E-06	1.07E-06	4.58E-06	2.55E-03	1.69E-03	9.01E-04	5.14E-03	8.8E-07	2.7E-06	1.5E-06	1.0E-06	5.4E-07	4.9E-07	2.3E-07	3.0E-08	7.1E-07	2.0E-07	6.9E-08	2.3E-08	2.0E-08	0.0E+00	1.1E-06
883	UCART1	593447.59	4123799.92	593447.59, 4123799.92	0.35595	0.20401	0.20599	0.09302	0.15782	2.40E-03	1.51E-03	8.28E-04	2.04E-06	9.00E-06	2.60E-07	1.15E-06	9.80E-07	4.32E-06	2.41E-03	1.51E-03	8.33E-04	4.75E-03	8.3E-07	2.5E-06	1.5E-06	9.1E-07	5.0E-07	4.6E-07	2.1E-07	2.8E-08	6.7E-07	1.9E-07	6.2E-08	2.1E-08	1.8E-08	0.0E+00	9.9E-07
884	UCART1	593487.59	4123799.92	593487.59, 4123799.92	0.33216	0.18934	0.18869	0.0851	0.14896	2.24E-03	1.40E-03	7.58E-04	1.86E-06	8.49E-06	2.38E-07	1.08E-06	8.97E-07	4.08E-06	2.25E-03	1.40E-03	7.63E-04	4.41E-03	7.8E-07	2.3E-06	1.4E-06	8.5E-07	4.6E-07	4.2E-07	1.9E-07	2.6E-08	6.3E-07	1.7E-07	5.8E-08	2.0E-08	1.7E-08	0.0E+00	9.2E-07
885	UCART1	593527.59	4123799.92	593527.59, 4123799.92	0.30715	0.17464	0.1721	0.0781	0.1404	2.07E-03	1.29E-03	6.92E-04	1.71E-06	8.00E-06	2.18E-07	1.02E-06	8.23E-07	3.85E-06	2.08E-03	1.29E-03	6.96E-04	4.07E-03	7.2E-07	2.2E-06	1.3E-06	7.8E-07	4.2E-07	3.8E-07	1.7E-07	2.4E-08	5.8E-07	1.6E-07	5.3E-08	1.8E-08	1.5E-08	0.0E+00	8.5E-07
886	UCART1	593567.59	4123799.92	593567.59, 4123799.92	0.28129	0.15766	0.15709	0.07186	0.13184	1.89E-03	1.17E-03	6.31E-04	1.57E-06	7.51E-06	2.01E-07	9.59E-07	7.57E-07	3.61E-06	1.90E-03	1.17E-03	6.36E-04	3.71E-03	6.6E-07	2.0E-06	1.2E-06	7.1E-07	3.8E-07	3.5E-07	1.6E-07	2.2E-08	5.3E-07	1.5E-07	4.8E-08	1.6E-08	1.4E-08	0.0E+00	7.8E-07
887	UCART1	593607.59	4123799.92	593607.59, 4123799.92	0.25548	0.1408	0.14427	0.06639	0.1233	1.72E-03	1.04E-03	5.80E-04	1.45E-06	7.03E-06	1.86E-07	8.96E-07	6.99E-07	3.38E-06	1.73E-03	1.04E-03	5.84E-04	3.36E-03	6.0E-07	1.8E-06	1.0E-06	6.3E-07	3.5E-07	3.2E-07	1.5E-07	2.0E-08	4.8E-07	1.3E-07	4.3E-08	1.5E-08	1.3E-08	0.0E+00	7.1E-07
888	UCART1	593647.59	4123799.92	593647.59, 4123799.92	0.23028	0.12582	0.13325	0.06147	0.11459	1.55E-03	9.31E-04	5.36E-04	1.35E-06	6.53E-06	1.72E-07	8.33E-07	6.48E-07	3.14E-06	1.56E-03	9.32E-04	5.39E-04	3.03E-03	5.4E-07	1.6E-06	9.4E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	1.8E-08	4.4E-07	1.2E-07	3.8E-08	1.4E-08	1.2E-08	0.0E+00	6.4E-07
889	UCART1	593687.59	4123799.92	593687.59, 4123799.92	0.20695	0.11362	0.12361	0.0571	0.1061	1.39E-03	8.41E-04	4.97E-04	1.25E-06	6.05E-06	1.60E-07	7.71E-07	6.02E-07	2.91E-06	1.40E-03	8.42E-04	5.00E-04	2.74E-03	4.9E-07	1.5E-06	8.5E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	1.6E-08	3.9E-07	1.1E-07	3.5E-08	1.3E-08	1.1E-08	0.0E+00	5.7E-07
890	UCART1	593727.59	4123799.92	593727.59, 4123799.92	0.18624	0.10405	0.11477	0.05325	0.09813	1.25E-03	7.70E-04	4.61E-04	1.17E-06	5.59E-06	1.49E-07	7.13E-07	5.61E-07	2.69E-06	1.26E-03	7.71E-04	4.65E-04	2.50E-03	4.4E-07	1.3E-06	7.6E-07	4.7E-07	2.8E-07	2.5E-07	1.2E-07	1.5E-08	3.5E-07	9.7E-08	3.2E-08	1.2E-08	1.0E-08	0.0E+00	5.2E-07
891	UCART1	593767.59	4123799.92	593767.59, 4123799.92	0.1679	0.09612	0.10613	0.04972	0.09064	1.13E-03	7.11E-04	4.27E-04	1.09E-06	5.17E-06	1.39E-07	6.59E-07	5.24E-07	2.48E-06	1.14E-03	7.12E-04	4.30E-04	2.28E-03	3.9E-07	1.2E-06	6.9E-07	4.3E-07	2.6E-07	2.4E-07	1.1E-07	1.3E-08	3.2E-07	8.8E-08	2.9E-08	1.1E-08	9.4E-09	0.0E+00	4.7E-07
892	UCART1	593807.59	4123799.92	593807.59, 4123799.92	0.1522	0.08949	0.09802	0.04658	0.0841	1.03E-03	6.62E-04	3.94E-04	1.02E-06	4.79E-06	1.30E-07	6.11E-07	4.91E-07	2.30E-06	1.03E-03	6.63E-04	3.97E-04	2.09E-03	3.6E-07	1.1E-06	6.2E-07	4.0E-07	2.4E-07	2.2E-07	9.9E-08	1.2E-08	2.9E-07	7.9E-08	2.7E-08	1.0E-08	8.6E-09	0.0E+00	4.3E-07
893	UCART1	593847.59	4123799.92	593847.59, 4123799.92	0.13859	0.0837	0.09063	0.04379	0.07849	9.33E-04	6.19E-04	3.64E-04	9.60E-07	4.47E-06	1.22E-07	5.71E-07	4.61E-07	2.15E-06	9.39E-04	6.20E-04	3.67E-04	1.93E-03	3.2E-07	9.8E-07	5.7E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	1.1E-08	2.6E-07	7.2E-08	2.5E-08	9.4E-09	8.0E-09	0.0E+00	3.9E-07
894	UCART1	593887.59	4123799.92	593887.59, 4123799.92	0.1265	0.0785	0.08408	0.04129	0.07352	8.52E-04	5.81E-04	3.38E-04	9.05E-07	4.19E-06	1.15E-07	5.35E-07	4.35E-07	2.01E-06	8.57E-04	5.82E-04	3.40E-04	1.78E-03	3.0E-07	9.0E-07	5.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	9.9E-09	2.4E-07	6.6E-08	2.4E-08	8.7E-09	7.4E-09	0.0E+00	3.6E-07
895	UCART1	593927.59	4123799.92	593927.59, 4123799.92	0.1155	0.07363	0.07826	0.039	0.06881	7.78E-04	5.45E-04	3.15E-04	8.55E-07	3.92E-06	1.09E-07	5.00E-07	4.11E-07	1.89E-06	7.83E-04	5.45E-04	3.17E-04	1.65E-03	2.7E-07	8.2E-07	4.7E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	9.0E-09	2.2E-07	6.0E-08	2.2E-08	8.1E-09	6.9E-09	0.0E+00	3.3E-07
896	UCART1	593967.59	4123799.92	593967.59, 4123799.92	0.10563	0.06907	0.07316	0.0369	0.06434	7.11E-04	5.11E-04	2.94E-04	8.09E-07	3.67E-06	1.03E-07	4.68E-07	3.89E-07	1.76E-06	7.16E-04	5.12E-04	2.96E-04	1.52E-03	2.5E-07	7.5E-07	4.3E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	8.3E-09	2.0E-07	5.5E-08	2.1E-08	7.6E-09	6.5E-09	0.0E+00	3.0E-07
897	UCART1	594007.59	4123799.92	594007.59, 4123799.92	0.09708	0.06489	0.06877	0.03505	0.06027	6.54E-04	4.80E-04	2.76E-04	7.68E-07	3.44E-06	9.80E-08	4.38E-07	3.69E-07	1.65E-06	6.58E-04	4.81E-04	2.78E-04	1.42E-03	2.3E-07	6.9E-07	4.0E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	7.6E-09	1.8E-07	5.1E-08	2.0E-08	7.1E-09	6.1E-09	0.0E+00	2.7E-07
898	UCART1	593087.59	4123839.92	593087.59, 4123839.92	0.33875	0.31205	0.24474	0.2113	0.21164	2.28E-03	2.31E-03	9.84E-04	4.63E-06	1.21E-05	5.91E-07	1.54E-06	2.23E-06	5.80E-06	2.30E-03	2.31E-03	9.92E-04	5.60E-03	8.0E-07	2.4E-06	1.4E-06	1.4E-06	6.0E-07	5.4E-07	2.5E-07	2.7E-08	6.4E-07	1.8E-07	9.5E-08	2.5E-08	2.2E-08	0.0E+00	9.9E-07
899	UCART1	593127.59	4123839.92	593127.59, 4123839.92	0.34625	0.30774	0.24021	0.18837	0.20303	2.33E-03	2.28E-03	9.66E-04	4.13E-06	1.16E-05	5.27E-07	1.48E-06	1.98E-06	5.56E-06	2.35E-03	2.28E-03	9.73E-04	5.60E-03	8.1E-07	2.5E-06	1.4E-06	1.4E-06	5.9E-07	5.3E-07	2.4E-07	2.7E-08	6.6E-07	1.8E-07	9.4E-08	2.5E-08	2.1E-08	0.0E+00	1.0E-06
900	UCART1	593167.59	4123839.92	593167.59, 4123839.92	0.3499	0.30714	0.23535	0.1674	0.19447	2.36E-03	2.27E-03	9.46E-04	3.67E-06	1.11E-05	4.68E-07	1.41E-06	1.76E-06	5.33E-06	2.37E-03	2.27E-03	9.53E-04	5.60E-03	8.2E-07	2.5E-06	1.4E-06	1.4E-06	5.8E-07	5.2E-07	2.4E-07	2.7E-08	6.6E-07	1.8E-07	9.3E-08	2.4E-08	2.1E-08	0.0E+00	1.0E-06
901	UCART1	593207.59	4123839.92	593207.59, 4123839.92	0.3502	0.30129	0.23051	0.14923	0.18604	2.36E-03	2.23E-03	9.27E-04	3.27E-06	1.06E-05	4.17E-07	1.35E-06	1.57E-06	5.10E-06	2.37E-03	2.23E-03	9.33E-04	5.54E-03	8.2E-07	2.5E-06	1.4E-06	1.4E-06	5.6E-07	5.1E-07	2.3E-07	2.7E-08	6.6E-07	1.8E-07	9.2E-08	2.4E-08	2.0E-08	0.0E+00	1.0E-06
902	UCART1	593247.59	4123839.92	593247.59, 4123839.92	0.34744	0.28306	0.22538	0.13406	0.17769	2.34E-03	2.09E-03	9.06E-04	2.94E-06	1.01E-05	3.75E-07	1.29E-06	1.41E-06	4.87E-06	2.35E-03	2.10E-03	9.12E-04	5.36E-03	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.5E-07	5.0E-07	2.3E-07	2.7E-08	6.6E-07	1.8E-07	8.6E-08	2.3E-08	2.0E-08	0.0E+00	9.9E-07
903	UCART1	593287.59	4123839.92	593287.59, 4123839.92	0.34167	0.25933	0.21919	0.12143	0.16941	2.30E-03	1.92E-03	8.81E-04	2.66E-06	9.66E-06	3.39E-07	1.23E-06	1.28E-06	4.64E-06	2.31E-03	1.92E-03	8.87E-04	5.12E-03	8.0E-07	2.4E-06	1.4E-06	1.2E-06	5.4E-07	4.9E-07	2.2E-07	2.7E-08	6.5E-07	1.8E-07	7.9E-08	2.3E-08	1.9E-08	0.0E+00	9.7E-07
904	UCART1	593327.59	4123839.92	593327.59, 4123839.92	0.3329	0.23911	0.21121	0.11076	0.16122	2.24E-03	1.77E-03	8.49E-04	2.43E-06	9.19E-06	3.10E-07	1.17E-06	1.17E-06	4.42E-06	2.25E-03	1.77E-03	8.55E-04	4.88E-03	7.8E-07	2.4E-06	1.4E-06	1.1E-06	5.2E-07	4.7E-07	2.1E-07	2.6E-08	6.3E-07	1.7E-07	7.3E-08	2.2E-08	1.9E-08	0.0E+00	9.4E-07
905	UCART1	593367.59	4123839.92	593367.59, 4123839.92	0.32113	0.21681	0.20108	0.10149	0.15307	2.16E-03	1.60E-03	8.08E-04	2.22E-06	8.72E-06	2.84E-07	1.11E-06	1.07E-06	4.19E-06	2.17E-03	1.61E-03	8.14E-04	4.59E-03	7.5E-07	2.3E-06	1.3E-06	9.7E-07	4.9E-07	4.5E-07	2.0E-07	2.5E-08	6.1E-07	1.7E-07	6.6E-08	2.1E-08	1.8E-08	0.0E+00	9.0E-07
906	UCART1	593407.59	4123839.92	593407.59, 4123839.92	0.30663	0.19046	0.18898	0.0933	0.1451	2.07E-03	1.41E-03	7.60E-04	2.04E-06	8.27E-06	2.61E-07	1.05E-06	9.83E-07	3.98E-06	2.08E-03	1.41E-03	7.65E-04	4.25E-03	7.2E-07	2.2E-06	1.3E-06	8.5E-07	4.6E-07	4.2E-07	1.9E-07	2.4E-08	5.8E-07	1.6E-07	5.8E-08	2.0E-08	1.7E-08	0.0E+00	8.6E-07
907	UCART1	593447.59	4123839.92	593447.59, 4123839.92	0.28993	0.17066	0.17564	0.086	0.13751	1.95E-03	1.26E-03	7.06E-04	1.88E-06	7.84E-06	2.40E-07	1.00E-06	9.06E-07	3.77E-06	1.96E-03	1.26E-03	7.11E-04	3.94E-03	6.8E-07	2.1E-06	1.2E-06	7.6E-07	4.3E-07	3.9E-07	1.8E-07	2.3E-08	5.5E-07	1.5E-07	5.2E-08	1.8E-08	1.5E-08	0.0E+00	8.1E-07
908	UCART1	593487.59	4123839.92	593487.59, 4123839.92	0.27149	0.15941	0.16181	0.07938	0.13012	1.83E-03	1.18E-03	6.50E-04	1.74E-06	7.42E-06	2.22E-07	9.46E-07	8.36E-07	3.57E-06	1.84E-03	1.18E-03	6.55E-04	3.67E-03	6.4E-07	1.9E-06	1.1E-06	7.1E-07	4.0E-07	3.6E-07	1.6E-07	2.1E-08	5.1E-07	1.4E-07	4.9E-08	1.7E-08	1.4E-08	0.0E+00	7.6E-07
909	UCART1	593527.59	4123839.92	593527.59, 4123839.92	0.25224	0.15002	0.14854	0.07346	0.12301	1.70E-03	1.11E-03	5.97E-04	1.61E-06	7.01E-06	2.05E-07	8.94E-07	7.74E-07	3.37E-06	1.71E-03	1.11E-03	6.01E-04	3.42E-03	5.9E-07	1.8E-06	1.0E-06	6.7E-07	3.6E-07	3.3E-07	1.5E-07	2.0E-08	4.8E-07	1.3E-07	4.6E-08	1.5E-08	1.3E-08	0.0E+00	7.0E-07
910	UCART1	593567.59	4123839.92	593567.59, 4123839.92	0.23237	0.1385	0.13643	0.06808	0.11584	1.56E-03	1.02E-03	5.48E-04	1.49E-06	6.60E-06	1.90E-07	8.42E-07	7.17E-07	3.17E-06	1.57E-03	1.03E-03	5.52E-04	3.15E-03	5.4E-07	1.6E-06	9.5E-07	6.2E-07	3.3E-07	3.0E-07	1.4E-07	1.8E-08	4.4E-07	1.2E-07	4.2E-08	1.4E-08	1.2E-08	0.0E+00	6.5E-07
911	UCART1	593607.59	4123839.92	593607.59, 4123839.92	0.21262	0.12562	0.12599	0.06326	0.10868	1.43E-03	9.30E-04	5.06E-04	1.39E-06	6.19E-06	1.77E-07	7.90E-07	6.66E-07	2.98E-06	1.44E-03	9.31E-04	5.10E-04	2.88E-03	5.0E-07	1.5E-06	8.7E-07	5.6E-07	3.1E-07	2.8E-07	1.3E-07	1.7E-08	4.0E-07	1.1E-07	3.8E-08	1.3E-08	1.1E-08	0.0E+00	5.9E-07
912	UCART1	593647.59	4123839.92	593647.59, 4123839.92	0.19346	0.11314	0.1171	0.05888	0.1015	1.30E-03	8.37E-04	4.71E-04	1.29E-06	5.79E-06	1.65E-07	7.38E-07	6.20E-07	2.78E-06	1.31E-03	8.38E-04	4.74E-04	2.62E-03	4.5E-07	1.4E-06	7.9E-07	5.1E-07	2.9E-07	2.6E-07	1.2E-07	1.5E-08	3.7E-07	1.0E-07	3.4E-08	1.2E-08	1.0E-08	0.0E+00	5.4E-07
913	UCART1	593687.59	4123839.92	593687.59, 4123839.92	0.17563	0.10237	0.10942	0.05493	0.09454	1.18E-03	7.58E-04	4.40E-04	1.20E-06	5.39E-06	1.54E-07	6.87E-07	5.79E-07	2.59E-06	1.19E-03	7.58E-04	4.43E-04	2.39E-03	4.1E-07	1.2E-06	7.2E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	1.4E-08	3.3E-07	9.2E-08	3.1E-08	1.1E-08	9.6E-09	0.0E+00	4.9E-07
914	UCART1	593727.59	4123839.92	593727.59, 4123839.92	0.15967	0.09371	0.10244	0.05142	0.08802	1.08E-03	6.93E-04	4.12E-04	1.13E-06	5.02E-06	1.44E-07	6.40E-07	5.42E-07	2.41E-06	1.08E-03	6.94E-04	4.15E-04	2.19E-03	3.7E-07	1.1E-06	6.5E-07	4.2E-07	2.5E-07	2.3E-07	1.0E-07	1.3E-08	3.0E-07	8.3E-08	2.9E-08	1.1E-08	9.0E-09	0.0E+00	4.5E-07
915	UCART1	593767.59	4123839.92	593767.59, 4123839.92	0.14535	0.08662	0.09557	0.04815	0.08183	9.79E-04	6.41E-04	3.84E-04	1.06E-06	4.66E-06	1.35E-07	5.95E-07	5.07E-07	2.24E-06	9.85E-04	6.42E-04	3.87E-04	2.01E-03	3.4E-07	1.0E-06	6.0E-07	3.9E-07	2.3E-07	2.1E-07	9.7E-08	1.1E-08	2.7E-07	7.6E-08	2.6E-08	9.9E-09	8.4E-09	0.0E+00	4.1E-07
916	UCART1	593807.59	4123839.92	593807.59, 4123839.92	0.13307	0.08091	0.08902	0.04526	0.07641	8.96E-04	5.99E-04	3.58E-04	9.92E-07	4.36E-06	1.27E-07	5.56E-07	4.77E-07	2.09E-06	9.02E-04	5.99E-04	3.60E-04	1.86E-03	3.1E-07	9.4E-07	5.5E-07	3.6E-07	2.2E-07	2.0E-07	9.0E-08	1.0E-08	2.5E-07	6.9E-08	2.5E-08	9.3E-09	7.9E-09	0.0E+00	3.7E-07
917	UCART1	593847.59	4123839.92	593847.59, 4123839.92	0.1222	0.07598	0.08278	0.04261	0.07164	8.23E-04	5.62E-04	3.33E-04	9.34E-07	4.08E-06	1.19E-07	5.21E-07	4.49E-07	1.96E-06	8.28E-04	5.63E-04	3.35E-04	1.73E-03	2.9E-07	8.7E-07	5.0E-07	3.4E-07	2.0E-07	1.8E-07	8.4E-08	9.6E-09	2.3E-07	6.4E-08	2.3E-08	8.6E-09	7.3E-09	0.0E+00	3.4E-07
918	UCART1	593887.59	4123839.92	593887.59, 4123839.92	0.11245	0.07162	0.07705	0.04021	0.0674	7.57E-04	5.30E-04	3.10E-04	8.81E-07	3.84E-06	1.12E-07	4.90E-07	4.24E-07	1.85E-06	7.62E-04	5.31E-04	3.12E-04	1.60E-03	2.6E-07	8.0E-07	4.6E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	8.8E-09	2.1E-07	5.9E-08	2.2E-08	8.0E-09	6.8E-09	0.0E+00	3.2E-07
919	UCART1	593927.59	4123839.92	593927.59, 4123839.92	0.10353	0.06764	0.07192	0.03802	0.06346	6.97E-04	5.01E-04	2.89E-04	8.33E-07	3.62E-06	1.06E-07	4.61E-07	4.01E-07	1.74E-06	7.02E-04	5.01E-04	2.91E-04	1.49E-03	2.4E-07	7.3E-07	4.2E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	8.1E-09	2.0E-07	5.4E-08	2.1E-08	7.5E-09	6.3E-09	0.0E+00	2.9E-07
920	UCART1	593967.59	4123839.92	593967.59, 4123839.92	0.09546	0.06397	0.06742	0.03603	0.05971	6.43E-04	4.73E-04	2.71E-04	7.90E-07	3.40E-06	1.01E-07	4.34E-07	3.80E-07	1.64E-06	6.47E-04	4.74E-04	2.73E-04	1.39E-03	2.2E-07	6.8E-07	3.9E-07	2.9E-07	1.7E-07	1.5E-07	6.8E-08	7.5E-09	1.8E-07	5.0E-08	1.9E-08	7.0E-09	5.9E-09	0.0E+00	2.7E-07
921	UCART1	594007.59	4123839.92	594007.59, 4123839.92	0.08832	0.06059	0.06354	0.03424	0.05623	5.95E-04	4.48E-04	2.55E-04	7.50E-07	3.21E-06	9.57E-08	4.09E-07	3.61E-07	1.54E-06	5.99E-04	4.49E-04	2.57E-04	1.30E-03	2.1E-07	6.3E-07	3.6E-07	2.7E-07	1.6E-07	1.4E-07	6.4E-08	6.9E-09	1.7E-07	4.6E-08	1.8E-08	6.6E-09	5.6E-09	0.0E+00	2.5E-07
922	UCART1	593087.59	4123879.92	593087.59, 4123879.92	0.29373	0.25878	0.21048	0.17761	0.18385	1.98E-03	1.91E-03	8.46E-04	3.89E-06	1.05E-05	4.96E-07	1.34E-06	1.87E-06	5.04E-06	1.99E-03	1.92E-03	8.53E-04	4.76E-03	6.9E-07	2.1E-06	1.2E-06	1.2E-06	5.2E-07	4.7E-07	2.1E-07	2.3E-08	5.6E-07	1.5E-07	7.9E-08	2.2E-08	1.9E-08	0.0E+00	8.5E-07
923	UCART1	593127.59	4123879.92	593127.59, 4123879.92	0.29626	0.25773	0.20624	0.16123	0.17661	2.00E-03	1.91E-03	8.29E-04	3.53E-06	1.01E-05	4.51E-07	1.28E-06	1.70E-06	4.84E-06	2.01E-03	1.91E-03	8.36E-04	4.75E-03	7.0E-07	2.1E-06	1.2E-06	1.2E-06	5.1E-07	4.6E-07	2.1E-07	2.3E-08	5.6E-07	1.5E-07	7.8E-08	2.1E-08	1.8E-08	0.0E+00	8.6E-07
924	UCART1	593167.59	4123879.92	593167.59, 4123879.92	0.29616	0.25742	0.20208	0.14562	0.16936	1.99E-03	1.90E-03	8.12E-04	3.19E-06	9.65E-06	4.07E-07	1.23E-06	1.53E-06	4.64E-06	2.01E-03	1.91E-03	8.18E-04	4.73E-03	6.9E-07	2.1E-06	1.2E-06	1.2E-06	5.0E-07	4.5E-07	2.0E-07	2.3E-08	5.6E-07	1.5E-07	7.8E-08	2.1E-08	1.8E-08	0.0E+00	8.6E-07
925	UCART1	593207.59	4123879.92	593207.59, 4123879.92	0.2939	0.25017	0.19806	0.13131	0.16217	1.98E-03	1.85E-03	7.96E-04	2.88E-06	9.24E-06	3.67E-07	1.18E-06	1.38E-06	4.44E-06	1.99E-03	1.85E-03	8.02E-04	4.65E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	4.4E-07	2.0E-07	2.3E-08	5.6E-07	1.5E-07	7.6E-08	2.1E-08	1.7E-08	0.0E+00	8.5E-07
926	UCART1	593247.59	4123879.92	593247.59, 4123879.92	0.28973	0.23337	0.19369	0.11887	0.15507	1.95E-03	1.73E-03	7.79E-04	2.60E-06	8.84E-06	3.32E-07	1.13E-06	1.25E-06	4.25E-06	1.96E-03	1.73E-03	7.84E-04	4.48E-03	6.8E-07	2.1E-06	1.2E-06	1.0E-06	4.7E-07	4.3E-07	2.0E-07	2.3E-08	5.5E-07	1.5E-07	7.1E-08	2.0E-08	1.7E-08	0.0E+00	8.4E-07
927	UCART1	593287.59	4123879.92	593287.59, 4123879.92	0.28367	0.21455	0.18829	0.10834	0.14793	1.91E-03	1.59E-03	7.57E-04	2.37E-06	8.43E-06	3.03E-07	1.08E-06	1.14E-06	4.05E-06	1.92E-03	1.59E-03	7.62E-04	4.27E-03	6.7E-07	2.0E-06	1.2E-06	9.6E-07	4.6E-07	4.2E-07	1.9E-07	2.2E-08	5.4E-07	1.5E-07	6.5E-08	2.0E-08	1.7E-08	0.0E+00	8.1E-07
928	UCART1	593327.59	4123879.92	593327.59, 4123879.92	0.2757	0.19972	0.18131	0.09946	0.14092	1.86E-03	1.48E-03	7.29E-04	2.18E-06	8.03E-06	2.78E-07	1.02E-06	1.05E-06	3.86E-06	1.87E-03	1.48E-03	7.34E-04	4.08E-03	6.5E-07	2.0E-06	1.1E-06	9.0E-07	4.4E-07	4.0E-07	1.8E-07	2.2E-08	5.2E-07	1.4E-07	6.1E-08	1.9E-08	1.6E-08	0.0E+00	7.8E-07
929	UCART1	593367.59	4123879.92	593367.59, 4123879.92	0.26595	0.1834	0.17272	0.09187	0.13415	1.79E-03	1.36E-03	6.94E-04	2.01E-06	7.65E-06	2.57E-07	9.75E-07	9.68E-07	3.68E-06	1.80E-03	1.36E-03	6.99E-04	3.86E-03	6.2E-07	1.9E-06	1.1E-06	8.2E-07	4.2E-07	3.8E-07	1.7E-07	2.1E-08	5.0E-07	1.4E-07	5.6E-08	1.8E-08	1.5E-08	0.0E+00	7.5E-07
930	UCART1	593407.59	4123879.92	593407.59, 4123879.92	0.25427	0.16259	0.16265	0.08515	0.12746	1.71E-03	1.20E-03	6.54E-04	1.87E-06	7.27E-06	2.38E-07	9.27E-07	8.97E-07	3.49E-06	1.72E-03	1.20E-03	6.58E-04	3.58E-03	6.0E-07	1.8E-06	1.0E-06	7.3E-07	4.0E-07	3.6E-07	1.6E-07	2.0E-08	4.8E-07	1.3E-07	4.9E-08	1.7E-08	1.4E-08	0.0E+00	7.1E-07
931	UCART1	593447.59	4123879.92	593447.59, 4123879.92	0.24095	0.14548	0.15173	0.07915	0.12105	1.62E-03	1.08E-03	6.10E-04	1.73E-06	6.90E-06	2.21E-07	8.80E-07	8.34E-07	3.32E-06	1.63E-03	1.08E-03	6.14E-04	3.32E-03	5.6E-07	1.7E-06	9.9E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	1.9E-08	4.6E-07	1.3E-07	4.4E-08	1.6E-08	1.3E-08	0.0E+00	6.7E-07
932	UCART1	593487.59	4123879.92	593487.59, 4123879.92	0.2264	0.13596	0.14056	0.07371	0.11487	1.52E-03	1.01E-03	5.65E-04	1.62E-06	6.55E-06	2.06E-07	8.35E-07	7.77E-07	3.15E-06	1.53E-03	1.01E-03	5.69E-04	3.11E-03	5.3E-07	1.6E-06	9.3E-07	6.1E-07	3.4E-07	3.1E-07	1.4E-07	1.8E-08	4.3E-07	1.2E-07	4.1E-08	1.5E-08	1.2E-08	0.0E+00	6.3E-07
933	UCART1	593527.59	4123879.92	593527.59, 4123879.92	0.2111	0.12955	0.12975	0.06876	0.10883	1.42E-03	9.59E-04	5.22E-04	1.51E-06	6.20E-06	1.92E-07	7.91E-07	7.24E-07	2.98E-06	1.43E-03	9.60E-04	5.25E-04	2.91E-03	4.9E-07	1.5E-06	8.6E-07	5.8E-07	3.2E-07	2.9E-07	1.3E-07	1.7E-08	4.0E-07	1.1E-07	3.9E-08	1.3E-08	1.1E-08	0.0E+00	5.9E-07
934	UCART1	593567.59	4123879.92	593567.59, 4123879.92	0.1955	0.12208	0.11984	0.06422	0.1028	1.32E-03	9.03E-04	4.82E-04	1.41E-06	5.86E-06	1.80E-07	7.47E-07	6.77E-07	2.82E-06	1.32E-03	9.04E-04	4.85E-04	2.71E-03	4.6E-07	1.4E-06	8.0E-07	5.5E-07	2.9E-07	2.7E-07	1.2E-07	1.5E-08	3.7E-07	1.0E-07	3.7E-08	1.2E-08	1.1E-08	0.0E+00	5.5E-07
935	UCART1	593607.59	4123879.92	593607.59, 4123879.92	0.18005	0.11275	0.1112	0.06007	0.09676	1.21E-03	8.34E-04	4.47E-04	1.32E-06	5.52E-06	1.68E-07	7.03E-07	6.33E-07	2.65E-06	1.22E-03	8.35E-04	4.50E-04	2.50E-03	4.2E-07	1.3E-06	7.4E-07	5.1E-07	2.7E-07	2.5E-07	1.1E-07	1.4E-08	3.4E-07	9.4E-08	3.4E-08	1.2E-08	9.8E-09	0.0E+00	5.0E-07
936	UCART1	593647.59	4123879.92	593647.59, 4123879.92	0.16517	0.1027	0.10389	0.05626	0.0908	1.11E-03	7.60E-04	4.18E-04	1.23E-06	5.18E-06	1.57E-07	6.60E-07	5.93E-07	2.49E-06	1.12E-03	7.61E-04	4.21E-04	2.30E-03	3.9E-07	1.2E-06	6.8E-07	4.6E-07	2.5E-07	2.3E-07	1.0E-07	1.3E-08	3.1E-07	8.6E-08	3.1E-08	1.1E-08	9.2E-09	0.0E+00	4.6E-07
937	UCART1	593687.59	4123879.92	593687.59, 4123879.92	0.15119	0.09328	0.09758	0.05272	0.08498	1.02E-03	6.90E-04	3.92E-04	1.16E-06	4.84E-06	1.47E-07	6.18E-07	5.55E-07	2.33E-06	1.02E-03	6.91E-04	3.95E-04	2.11E-03	3.5E-07	1.1E-06	6.2E-07	4.2E-07	2.4E-07	2.2E-07	9.9E-08	1.2E-08	2.9E-07	7.9E-08	2.8E-08	1.0E-08	8.6E-09	0.0E+00	4.2E-07
938	UCART1	593727.59	4123879.92	593727.59, 4123879.92	0.13856	0.08535	0.09195	0.04953	0.07953	9.33E-04	6.32E-04	3.70E-04	1.09E-06	4.53E-06	1.38E-07	5.78E-07	5.22E-07	2.18E-06	9.39E-04	6.32E-04	3.72E-04	1.94E-03	3.2E-07	9.8E-07	5.7E-07	3.8E-07	2.3E-07	2.0E-07	9.3E-08	1.1E-08	2.6E-07	7.2E-08	2.6E-08	9.6E-09	8.1E-09	0.0E+00	3.9E-07
939	UCART1	593767.59	4123879.92	593767.59, 4123879.92	0.1273	0.07892	0.08652	0.0466	0.07443	8.57E-04	5.84E-04	3.48E-04	1.02E-06	4.24E-06	1.30E-07	5.41E-07	4.91E-07	2.04E-06	8.63E-04	5.85E-04	3.50E-04	1.80E-03	3.0E-07	9.0E-07	5.2E-07	3.5E-07	2.1E-07	1.9E-07	8.8E-08	1.0E-08	2.4E-07	6.6E-08	2.4E-08	9.0E-09	7.6E-09	0.0E+00	3.6E-07
940	UCART1	593807.59	4123879.92	593807.59, 4123879.92	0.11745	0.07373	0.08121	0.04394	0.06986	7.91E-04	5.46E-04	3.26E-04	9.63E-07	3.98E-06	1.23E-07	5.08E-07	4.63E-07	1.91E-06	7.96E-04	5.46E-04	3.29E-04	1.67E-03	2.8E-07	8.3E-07	4.8E-07	3.3E-07	2.0E-07	1.8E-07	8.2E-08	9.2E-09	2.2E-07	6.1E-08	2.2E-08	8.4E-09	7.2E-09	0.0E+00	3.3E-07
941	UCART1	593847.59	4123879.92	593847.59, 4123879.92	0.10867	0.06935	0.07599	0.04147	0.06579	7.32E-04	5.13E-04	3.05E-04	9.09E-07	3.75E-06	1.16E-07	4.78E-07	4.37E-07	1.80E-06	7.37E-04	5.14E-04	3.08E-04	1.56E-03	2.5E-07	7.7E-07	4.5E-07	3.1E-07	1.9E-07	1.7E-07	7.7E-08	8.5E-09	2.1E-07	5.7E-08	2.1E-08	7.9E-09	6.7E-09	0.0E+00	3.1E-07
942	UCART1	593887.59	4123879.92	593887.59, 4123879.92	0.10068	0.06552	0.07102	0.03919	0.06213	6.78E-04	4.85E-04	2.85E-04	8.59E-07	3.54E-06	1.10E-07	4.52E-07	4.13E-07	1.70E-06	6.82E-04	4.85E-04	2.88E-04	1.46E-03	2.4E-07	7.1E-07	4.1E-07	2.9E-07	1.7E-07	1.6E-07	7.2E-08	7.9E-09	1.9E-07	5.3E-08	2.0E-08	7.4E-09	6.3E-09	0.0E+00	2.8E-07
943	UCART1	593927.59	4123879.92	593927.59, 4123879.92	0.0934	0.06214	0.06651	0.03712	0.05879	6.29E-04	4.60E-04	2.67E-04	8.13E-07	3.35E-06	1.04E-07	4.27E-07	3.91E-07	1.61E-06	6.33E-04	4.60E-04	2.69E-04	1.36E-03	2.2E-07	6.6E-07	3.8E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	7.3E-09	1.8E-07	4.9E-08	1.9E-08	6.9E-09	5.9E-09	0.0E+00	2.6E-07
944	UCART1	593967.59	4123879.92	593967.59, 4123879.92	0.08669	0.05906	0.06248	0.03522	0.05561	5.84E-04	4.37E-04	2.51E-04	7.72E-07	3.17E-06	9.84E-08	4.04E-07	3.71E-07	1.52E-06	5.88E-04	4.38E-04	2.53E-04	1.28E-03	2.0E-07	6.1E-07	3.6E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	6.8E-09	1.6E-07	4.5E-08	1.8E-08	6.5E-09	5.5E-09	0.0E+00	2.5E-07
945	UCART1	594007.59	4123879.92	594007.59, 4123879.92	0.08068	0.05628	0.05898	0.03351	0.05263	5.43E-04	4.16E-04	2.37E-04	7.34E-07	3.00E-06	9.37E-08	3.83E-07	3.53E-07	1.44E-06	5.47E-04	4.17E-04	2.39E-04	1.20E-03	1.9E-07	5.7E-07	3.3E-07	2.5E-07	1.4E-07	1.3E-07	6.0E-08	6.3E-09	1.5E-07	4.2E-08	1.7E-08	6.1E-09	5.2E-09	0.0E+00	2.3E-07

CONSTRUCTION RISK (UNMITIGATED)

CONSTRUCTION RISK (MITIGATED)

Mitigated

Onsite Phase I	OnSite Phase II	Onsite Phase III	Phase I Offsite (Los Gatos)	Phase I Offsite (Samaritan)	Phase II Offsite (Los Gatos)	Phase II Offsite (Samaritan)	Phase III Offsite (Los Gatos)	Phase III Offsite (Samaritan)
1.35E-03	1.22E-03	1.10E-03	2.19E-05	5.70E-05	2.80E-06	7.27E-06	1.05E-05	2.74E-05

	Discrete Receptor ID	X	Y	X, Y	Concentration (AVERAGE CONC) [ug/m^3] at 1 g/s: Onsite Phase I	Onsite Phase II	Onsite Phase III	Offsite (Los Gatos)	Offsite (Samaritan)	Concentration (AVERAGE CONC) [ug/m^3]: Onsite Phase I	Onsite Phase II	Onsite Phase III	Phase I Offsite (Los Gatos)	Phase I Offsite (Samaritan)	Phase II Offsite (Los Gatos)	Phase II Offsite (Samaritan)	Phase III Offsite (Los Gatos)	Phase III Offsite (Samaritan)	Phase I Concentration
1	UCART1	592567.59	4122799.92	592567.59, 4122799.92	0.02411	0.03156	0.02893	0.04991	0.03573	3.25E-05	3.86E-05	3.19E-05	1.09E-06	2.04E-06	1.40E-07	2.60E-07	5.26E-07	9.79E-07	3.56E-05
2	UCART1	592607.59	4122799.92	592607.59, 4122799.92	0.02503	0.03309	0.03025	0.05295	0.03777	3.38E-05	4.05E-05	3.33E-05	1.16E-06	2.15E-06	1.48E-07	2.75E-07	5.58E-07	1.04E-06	3.71E-05
3	UCART1	592647.59	4122799.92	592647.59, 4122799.92	0.02594	0.0346	0.03155	0.05585	0.03982	3.50E-05	4.23E-05	3.48E-05	1.22E-06	2.27E-06	1.56E-07	2.90E-07	5.88E-07	1.09E-06	3.85E-05
4	UCART1	592687.59	4122799.92	592687.59, 4122799.92	0.02708	0.03679	0.03314	0.06161	0.04237	3.65E-05	4.50E-05	3.65E-05	1.35E-06	2.42E-06	1.72E-07	3.08E-07	6.49E-07	1.16E-06	4.03E-05
5	UCART1	592727.59	4122799.92	592727.59, 4122799.92	0.02817	0.03898	0.03468	0.06535	0.04487	3.80E-05	4.77E-05	3.82E-05	1.43E-06	2.56E-06	1.83E-07	3.26E-07	6.89E-07	1.23E-06	4.20E-05
6	UCART1	592767.59	4122799.92	592767.59, 4122799.92	0.02941	0.04168	0.03642	0.06936	0.04769	3.97E-05	5.10E-05	4.01E-05	1.52E-06	2.72E-06	1.94E-07	3.47E-07	7.31E-07	1.31E-06	4.39E-05
7	UCART1	592807.59	4122799.92	592807.59, 4122799.92	0.03084	0.04487	0.03845	0.07327	0.05107	4.16E-05	5.49E-05	4.24E-05	1.61E-06	2.91E-06	2.05E-07	3.71E-07	7.72E-07	1.40E-06	4.61E-05
8	UCART1	592847.59	4122799.92	592847.59, 4122799.92	0.03214	0.04765	0.04037	0.07564	0.05401	4.33E-05	5.83E-05	4.45E-05	1.66E-06	3.08E-06	2.11E-07	3.93E-07	7.97E-07	1.48E-06	4.81E-05
9	UCART1	592887.59	4122799.92	592887.59, 4122799.92	0.03386	0.05115	0.04297	0.07924	0.05819	4.57E-05	6.26E-05	4.73E-05	1.74E-06	3.32E-06	2.21E-07	4.23E-07	8.35E-07	1.59E-06	5.07E-05
10	UCART1	592927.59	4122799.92	592927.59, 4122799.92	0.03582	0.05491	0.04604	0.08283	0.06491	4.83E-05	6.72E-05	5.07E-05	1.82E-06	3.70E-06	2.32E-07	4.72E-07	8.73E-07	1.78E-06	5.38E-05
11	UCART1	592967.59	4122799.92	592967.59, 4122799.92	0.03795	0.0588	0.04949	0.08687	0.06961	5.12E-05	7.19E-05	5.45E-05	1.90E-06	3.97E-06	2.43E-07	5.06E-07	9.15E-07	1.91E-06	5.70E-05
12	UCART1	593007.59	4122799.92	593007.59, 4122799.92	0.04009	0.0624	0.05308	0.09119	0.07427	5.41E-05	7.63E-05	5.85E-05	2.00E-06	4.23E-06	2.55E-07	5.40E-07	9.61E-07	2.04E-06	6.03E-05
13	UCART1	593047.59	4122799.92	593047.59, 4122799.92	0.0426	0.06676	0.05727	0.09668	0.07952	5.74E-05	8.17E-05	6.31E-05	2.12E-06	4.53E-06	2.70E-07	5.78E-07	1.02E-06	2.18E-06	6.41E-05
14	UCART1	593087.59	4122799.92	593087.59, 4122799.92	0.04519	0.07097	0.06156	0.10325	0.08462	6.09E-05	8.68E-05	6.78E-05	2.26E-06	4.82E-06	2.89E-07	6.15E-07	1.09E-06	2.32E-06	6.80E-05
15	UCART1	593127.59	4122799.92	593127.59, 4122799.92	0.04819	0.07537	0.06636	0.11113	0.09006	6.50E-05	9.22E-05	7.31E-05	2.44E-06	5.13E-06	3.11E-07	6.55E-07	1.17E-06	2.47E-06	7.26E-05
16	UCART1	593167.59	4122799.92	593167.59, 4122799.92	0.05119	0.07991	0.07167	0.12012	0.09566	6.90E-05	9.78E-05	7.89E-05	2.63E-06	5.45E-06	3.36E-07	6.95E-07	1.27E-06	2.62E-06	7.71E-05
17	UCART1	593207.59	4122799.92	593207.59, 4122799.92	0.05501	0.08491	0.07843	0.13022	0.10273	7.42E-05	1.04E-04	8.64E-05	2.85E-06	5.86E-06	3.64E-07	7.47E-07	1.37E-06	2.82E-06	8.29E-05
18	UCART1	593247.59	4122799.92	593247.59, 4122799.92	0.05853	0.08978	0.08465	0.14053	0.11019	7.89E-05	1.10E-04	9.32E-05	3.08E-06	6.28E-06	3.93E-07	8.01E-07	1.48E-06	3.02E-06	8.83E-05
19	UCART1	593287.59	4122799.92	593287.59, 4122799.92	0.06155	0.09365	0.08965	0.15058	0.11747	8.30E-05	1.15E-04	9.87E-05	3.30E-06	6.70E-06	4.21E-07	8.54E-07	1.59E-06	3.22E-06	9.30E-05
20	UCART1	593327.59	4122799.92	593327.59, 4122799.92	0.06508	0.09659	0.09571	0.16032	0.1265	8.78E-05	1.18E-04	1.05E-04	3.51E-06	7.21E-06	4.48E-07	9.20E-07	1.69E-06	3.47E-06	9.85E-05
21	UCART1	593367.59	4122799.92	593367.59, 4122799.92	0.07006	0.09923	0.10304	0.16945	0.13765	9.45E-05	1.21E-04	1.13E-04	3.71E-06	7.85E-06	4.74E-07	1.00E-06	1.79E-06	3.77E-06	1.06E-04
22	UCART1	593407.59	4122799.92	593407.59, 4122799.92	0.0756	0.10238	0.11	0.17714	0.15086	1.02E-04	1.25E-04	1.21E-04	3.88E-06	8.60E-06	4.95E-07	1.10E-06	1.87E-06	4.13E-06	1.14E-04
23	UCART1	593447.59	4122799.92	593447.59, 4122799.92	0.07917	0.10564	0.11572	0.18308	0.16442	1.07E-04	1.29E-04	1.27E-04	4.01E-06	9.37E-06	5.12E-07	1.20E-06	1.93E-06	4.51E-06	1.20E-04
24	UCART1	593487.59	4122799.92	593487.59, 4122799.92	0.08283	0.1095	0.12163	0.18735	0.17902	1.12E-04	1.34E-04	1.34E-04	4.11E-06	1.02E-05	5.24E-07	1.30E-06	1.97E-06	4.91E-06	1.26E-04
25	UCART1	593527.59	4122799.92	593527.59, 4122799.92	0.0872	0.11441	0.12973	0.18996	0.19471	1.18E-04	1.40E-04	1.43E-04	4.16E-06	1.11E-05	5.31E-07	1.42E-06	2.00E-06	5.34E-06	1.33E-04
26	UCART1	593567.59	4122799.92	593567.59, 4122799.92	0.0922	0.12122	0.139	0.19091	0.21069	1.24E-04	1.48E-04	1.53E-04	4.18E-06	1.20E-05	5.34E-07	1.53E-06	2.01E-06	5.77E-06	1.41E-04
27	UCART1	593607.59	4122799.92	593607.59, 4122799.92	0.09721	0.13042	0.15015	0.19019	0.22581	1.31E-04	1.60E-04	1.65E-04	4.17E-06	1.29E-05	5.32E-07	1.64E-06	2.00E-06	6.19E-06	1.48E-04
28	UCART1	593647.59	4122799.92	593647.59, 4122799.92	0.10294	0.14309	0.16422	0.18805	0.23971	1.39E-04	1.75E-04	1.81E-04	4.12E-06	1.37E-05	5.26E-07	1.74E-06	1.98E-06	6.57E-06	1.57E-04
29	UCART1	593687.59	4122799.92	593687.59, 4122799.92	0.10868	0.15848	0.18019	0.18454	0.25143	1.47E-04	1.94E-04	1.98E-04	4.04E-06	1.43E-05	5.16E-07	1.83E-06	1.94E-06	6.89E-06	1.65E-04
30	UCART1	593727.59	4122799.92	593727.59, 4122799.92	0.11536	0.17563	0.19864	0.17989	0.26108	1.56E-04	2.15E-04	2.19E-04	3.94E-06	1.49E-05	5.03E-07	1.90E-06	1.90E-06	7.15E-06	1.74E-04
31	UCART1	593767.59	4122799.92	593767.59, 4122799.92	0.12395	0.19377	0.22026	0.17446	0.26927	1.67E-04	2.37E-04	2.43E-04	3.82E-06	1.53E-05	4.88E-07	1.96E-06	1.84E-06	7.38E-06	1.86E-04
32	UCART1	593807.59	4122799.92	593807.59, 4122799.92	0.1335	0.21052	0.2414	0.16823	0.27479	1.80E-04	2.58E-04	2.66E-04	3.69E-06	1.57E-05	4.70E-07	2.00E-06	1.77E-06	7.53E-06	1.99E-04
33	UCART1	593847.59	4122799.92	593847.59, 4122799.92	0.14525	0.22587	0.26261	0.16165	0.27869	1.96E-04	2.76E-04	2.89E-04	3.54E-06	1.59E-05	4.52E-07	2.03E-06	1.70E-06	7.64E-06	2.15E-04
34	UCART1	593887.59	4122799.92	593887.59, 4122799.92	0.158	0.2387	0.28115	0.1546	0.28032	2.13E-04	2.92E-04	3.10E-04	3.39E-06	1.60E-05	4.32E-07	2.04E-06	1.63E-06	7.68E-06	2.32E-04
35	UCART1	593927.59	4122799.92	593927.59, 4122799.92	0.17152	0.24889	0.29589	0.14734	0.27979	2.31E-04	3.04E-04	3.26E-04	3.23E-06	1.59E-05	4.12E-07	2.03E-06	1.55E-06	7.67E-06	2.50E-04
36	UCART1	593967.59	4122799.92	593967.59, 4122799.92	0.1851	0.25614	0.3059	0.13999	0.277	2.50E-04	3.13E-04	3.37E-04	3.07E-06	1.58E-05	3.91E-07	2.01E-06	1.47E-06	7.59E-06	2.68E-04
37	UCART1	594007.59	4122799.92	594007.59, 4122799.92	0.19729	0.26003	0.31027	0.1326	0.27169	2.66E-04	3.18E-04	3.42E-04	2.91E-06	1.55E-05	3.71E-07	1.98E-06	1.40E-06	7.45E-06	2.84E-04
38	UCART1	592567.59	4122839.92	592567.59, 4122839.92	0.02542	0.03369	0.03069	0.05509	0.03836	3.43E-05	4.12E-05	3.38E-05	1.21E-06	2.19E-06	1.54E-07	2.79E-07	5.80E-07	1.05E-06	3.77E-05
39	UCART1	592607.59	4122839.92	592607.59, 4122839.92	0.02643	0.03547	0.03215	0.05873	0.04067	3.56E-05	4.34E-05	3.54E-05	1.29E-06	2.32E-06	1.64E-07	2.96E-07	6.19E-07	1.11E-06	3.92E-05
40	UCART1	592647.59	4122839.92	592647.59, 4122839.92	0.02743	0.03717	0.03363	0.06319	0.04302	3.70E-05	4.55E-05	3.70E-05	1.38E-06	2.45E-06	1.77E-07	3.13E-07	6.66E-07	1.18E-06	4.08E-05
41	UCART1	592687.59	4122839.92	592687.59, 4122839.92	0.02854	0.03914	0.03526	0.06781	0.04566	3.85E-05	4.79E-05	3.88E-05	1.49E-06	2.60E-06	1.90E-07	3.32E-07	7.14E-07	1.25E-06	4.26E-05
42	UCART1	592727.59	4122839.92	592727.59, 4122839.92	0.02983	0.04166	0.03713	0.0734	0.04874	4.02E-05	5.10E-05	4.09E-05	1.61E-06	2.78E-06	2.05E-07	3.54E-07	7.73E-07	1.34E-06	4.46E-05
43	UCART1	592767.59	4122839.92	592767.59, 4122839.92	0.03134	0.04491	0.03931	0.07914	0.05257	4.23E-05	5.49E-05	4.33E-05	1.73E-06	3.00E-06	2.21E-07	3.82E-07	8.34E-07	1.44E-06	4.70E-05
44	UCART1	592807.59	4122839.92	592807.59, 4122839.92	0.03275	0.04793	0.04138	0.08298	0.05598	4.42E-05	5.86E-05	4.56E-05	1.82E-06	3.19E-06	2.32E-07	4.07E-07	8.74E-07	1.53E-06	4.92E-05
45	UCART1	592847.59	4122839.92	592847.59, 4122839.92	0.03427	0.0513	0.04365	0.08644	0.05978	4.62E-05	6.28E-05	4.81E-05	1.89E-06	3.41E-06	2.42E-07	4.35E-07	9.11E-07	1.64E-06	5.15E-05
46	UCART1	592887.59	4122839.92	592887.59, 4122839.92	0.03604	0.05518	0.04634	0.09043	0.06428	4.86E-05	6.75E-05	5.10E-05	1.98E-06	3.66E-06	2.53E-07	4.67E-07	9.53E-07	1.76E-06	5.42E-05
47	UCART1	592927.59	4122839.92	592927.59, 4122839.92	0.03824	0.05984	0.04976	0.09505	0.07206	5.16E-05	7.32E-05	5.48E-05	2.08E-06	4.11E-06	2.66E-07	5.24E-07	1.00E-06	1.97E-06	5.78E-05
48	UCART1	592967.59	4122839.92	592967.59, 4122839.92	0.04058	0.06451	0.05359	0.10029	0.07799	5.47E-05	7.89E-05	5.90E-05	2.20E-06	4.45E-06	2.80E-07	5.67E-07	1.06E-06	2.14E-06	6.14E-05
49	UCART1	593007.59	4122839.92	593007.59, 4122839.92	0.04358	0.07046	0.05855	0.1068	0.08478	5.88E-05	8.62E-05	6.45E-05	2.34E-06	4.83E-06	2.99E-07	6.16E-07	1.13E-06	2.32E-06	6.59E-05
50	UCART1	593047.59	4122839.92	593047.59, 4122839.92	0.04689	0.07524	0.06423	0.11452	0.09127	6.32E-05	9.20E-05	7.07E-05	2.51E-06	5.20E-06	3.20E-07	6.64E-07	1.21E-06	2.50E-06	7.09E-05
51	UCART1	593087.59	4122839.92	593087.59, 4122839.92	0.04926	0.07962	0.06819	0.12301	0.0969	6.64E-05	9.74E-05	7.51E-05	2.70E-06	5.52E-06	3.44E-07	7.04E-07	1.30E-06	2.66E-06	7.46E-05
52	UCART1	593127.59	4122839.92	593127.59, 4122839.92	0.05258	0.08486	0.07422	0.13364	0.10375	7.09E-05	1.04E-04	8.18E-05	2.93E-06	5.91E-06	3.74E-07	7.54E-07	1.41E-06	2.84E-06	7.98E-05
53	UCART1	593167.59	4122839.92	593167.59, 4122839.92	0.05654	0.09056	0.0816	0.14563	0.11172	7.62E-05	1.11E-04	8.99E-05	3.19E-06	6.37E-06	4.07E-07	8.12E-07	1.53E-06	3.06E-06	8.58E-05
54	UCART1	593207.59	4122839.92	593207.59, 4122839.92	0.06096	0.0968	0.08963	0.15836	0.12074	8.22E-05	1.18E-04	9.87E-05	3.47E-06	6.88E-06	4.43E-07	8.78E-07	1.67E-06	3.31E-06	9.26E-05
55	UCART1	593247.59	4122839.92	593247.59, 4122839.92	0.06528	0.10292	0.09696	0.17082	0.13022	8.80E-05	1.26E-04	1.07E-04	3.74E-06	7.42E-06	4.77E-07	9.47E-07	1.80E-06	3.57E-06	9.92E-05
56	UCART1	593287.59	4122839.92	593287.59, 4122839.92	0.06996	0.10816	0.10536	0.18285	0.14112	9.43E-05	1.32E-04	1.16E-04	4.01E-06	8.04E-06	5.11E-07	1.03E-06	1.93E-06	3.87E-06	1.06E-04
57	UCART1	593327.59	4122839.92	593327.59, 4122839.92	0.07466	0.112	0.11287	0.19339	0.15367	1.01E-04	1.37E-04	1.24E-04	4.24E-06	8.76E-06	5.41E-07	1.12E-06	2.04E-06	4.21E-06	1.14E-04
58	UCART1	593367.59	4122839.92	593367.59, 4122839.92	0.08037	0.11546	0.12098	0.20238	0.16879	1.08E-04	1.41E-04	1.33E-04	4.44E-06	9.62E-06	5.66E-07	1.23E-06	2.13E-06	4.63E-06	1.22E-04
59	UCART1	593407.59	4122839.92	593407.59, 4122839.92	0.08636	0.11958	0.1307	0.20943	0.18689	1.16E-04	1.46E-04	1.44E-04	4.59E-06	1.07E-05	5.85E-07	1.36E-06	2.21E-06	5.12E-06	1.32E-04
60	UCART1	593447.59	4122839.92	593447.59, 4122839.92	0.09091	0.12396	0.13809	0.21412	0.2053	1.23E-04	1.52E-04	1.52E-04	4.69E-06	1.17E-05	5.99E-07	1.49E-06	2.26E-06	5.63E-06	1.39E-04
61	UCART1	593487.59	4122839.92	593487.59, 4122839.92	0.09562	0.12934	0.14619	0.21661	0.22489	1.29E-04	1.58E-04	1.61E-04	4.75E-06	1.28E-05	6.05E-07	1.64E-06	2.28E-06	6.16E-06	1.47E-04
62	UCART1	593527.59	4122839.92	593527.59, 4122839.92	0.10128	0.13667	0.15663	0.21702	0.24478	1.37E-04	1.67E-04	1.73E-04	4.76E-06	1.40E-05	6.07E-07	1.78E-06	2.29E-06	6.71E-06	1.55E-04
63	UCART1	593567.59	4122839.92	593567.59, 4122839.92	0.108	0.14719	0.16981	0.21549	0.26458	1.46E-04	1.80E-04	1.87E-04	4.72E-06	1.51E-05	6.02E-07	1.92E-06	2.27E-06	7.25E-06	1.65E-04
64	UCART1	593607.59	4122839.92	593607.59, 4122839.92	0.11395	0.16136	0.18553	0.21208	0.28145	1.54E-04	1.97E-04	2.04E-04	4.65E-06	1.60E-05	5.93E-07	2.05E-06	2.23E-06	7.71E-06	1.74E-04
65	UCART1	593647.59	4122839.92	593647.59, 4122839.92	0.12132	0.18024	0.20582	0.20743	0.29673	1.64E-04	2.21E-04	2.27E-04	4.55E-06	1.69E-05	5.80E-07	2.16E-06	2.19E-06	8.13E-06	1.85E-04
66	UCART1	593687.59	4122839.92	593687.59, 4122839.92	0.12944	0.20155	0.22896	0.20123	0.30877	1.75E-04	2.47E-04	2.52E-04	4.41E-06	1.76E-05	5.62E-07	2.24E-06	2.12E-06	8.46E-06	1.97E-04
67	UCART1	593727.59	4122839.92	593727.59, 4122839.92	0.13821	0.22368	0.25408	0.19394	0.31738	1.86E-04	2.74E-04	2.80E-04	4.25E-06	1.81E-05	5.42E-07	2.31E-06	2.04E-06	8.70E-06	2.09E-04
68	UCART1	593767.59	4122839.92	593767.59, 4122839.92	0.15	0.24514	0.2821	0.18603	0.32395	2.02E-04	3.00E-04	3.11E-04	4.08E-06	1.85E-05	5.20E-07	2.36E-06	1.96E-06	8.88E-06	2.25E-04
69	UCART1	593807.59	4122839.92	593807.59, 4122839.92	0.16283	0.26406	0.30795	0.17753	0.32704	2.20E-04	3.23E-04	3.39E-04	3.89E-06	1.86E-05	4.96E-07	2.38E-06	1.87E-06	8.96E-06	2.42E-04
70	UCART1	593847.59	4122839.92	593847.59, 4122839.92	0.17811	0.2799	0.33188	0.16881	0.32805	2.40E-04	3.42E-04	3.66E-04	3.70E-06	1.87E-05	4.72E-07	2.39E-06	1.78E-06	8.99E-06	2.63E-04
71	UCART1	593887.59	4122839.92	593887.59, 4122839.92	0.1942	0.29188	0.35015	0.15992	0.32608	2.62E-04	3.57E-04	3.86E-04	3.50E-06	1.86E-05	4.47E-07	2.37E-06	1.68E-06	8.94E-06	2.84E-04
72	UCART1	593927.59	4122839.92	593927.59, 4122839.92	0.2108	0.29978	0.36237	0.15108	0.32161	2.84E-04	3.67E-04	3.99E-04	3.31E-06	1.83E-05	4.22E-07	2.34E-06	1.59E-06	8.81E-06	3.06E-04
73	UCART1	593967.59	4122839.92	593967.59, 4122839.92	0.22663	0.30328	0.36769	0.14235	0.31454	3.06E-04	3.71E-04	4.05E-04	3.12E-06	1.79E-05	3.98E-07	2.29E-06	1.50E-06	8.62E-06	3.27E-04
74	UCART1	594007.59	4122839.92	594007.59, 4122839.92	0.23989	0.30215	0.36568	0.13379	0.30462	3.24E-04	3.70E-04	4.03E-04	2.93E-06	1.74E-05	3.74E-07	2.21E-06	1.41E-06	8.35E-06	3.44E-04
75	UCART1	592567.59	4122879.92	592567.59, 4122879.92	0.02689	0.03595	0.03271	0.06139	0.04141	3.63E-05	4.40E-05	3.60E-05	1.35E-06	2.36E-06	1.72E-07	3.01E-07	6.47E-07	1.13E-06	4.00E-05
76	UCART1	592607.59	4122879.92	592607.59, 4122879.92	0.028	0.03804	0.03432	0.06683	0.04406	3.78E-05	4.65E-05	3.78E-05	1.46E-06	2.51E-06	1.87E-07	3.20E-07	7.04E-07	1.21E-06	4.17E-05
77	UCART1	592647.59	4122879.92	592647.59, 4122879.92	0.02908	0.03997	0.03593	0.07156	0.0467	3.92E-05	4.89E-05	3.96E-05	1.57E-06	2.66E-06	2.00E-07	3.40E-07	7.54E-07	1.28E-06	4.34E-05
78	UCART1	592687.59	4122879.92	592687.59, 4122879.92	0.03022	0.04199	0.03766	0.07593	0.04956	4.08E-05	5.14E-05	4.15E-05	1.66E-06	2.82E-06	2.12E-07	3.60E-07	8.00E-07	1.36E-06	4.52E-05
79	UCART1	592727.59	4122879.92	592727.59, 4122879.92	0.03177	0.04513	0.03996	0.08467	0.05344	4.28E-05	5.52E-05	4.40E-05	1.86E-06	3.05E-06	2.37E-07	3.89E-07	8.92E-07	1.46E-06	4.77E-05
80	UCART1	592767.59	4122879.92	592767.59, 4122879.92	0.03339	0.04849	0.04238	0.09069	0.05789	4.50E-05	5.93E-05	4.67E-05	1.99E-06	3.30E-06	2.53E-07	4.21E-07	9.55E-07	1.59E-06	5.03E-05
81	UCART1	592807.59	4122879.92	592807.59, 4122879.92	0.03493	0.05169	0.04475	0.09516	0.06194	4.71E-05	6.32E-05	4.93E-05	2.09E-06	3.53E-06	2.66E-07	4.50E-07	1.00E-06	1.70E-06	5.27E-05
82	UCART1	592847.59	4122879.92	592847.59, 4122879.92	0.03685	0.05602	0.04766	0.10058	0.0679	4.97E-05	6.85E-05	5.25E-05	2.20E-06	3.87E-06	2.81E-07	4.94E-07	1.06E-06	1.86E-06	5.58E-05
83	UCART1	592887.59	4122879.92	592887.59, 4122879.92	0.03895	0.06084	0.05089	0.10554	0.07575	5.25E-05	7.44E-05	5.61E-05	2.31E-06	4.32E-06	2.95E-07	5.51E-07	1.11E-06	2.08E-06	5.92E-05
84	UCART1	592927.59	4122879.92	592927.59, 4122879.92	0.04135	0.06641	0.05469	0.11153	0.0822	5.58E-05	8.12E-05	6.02E-05	2.44E-06	4.69E-06	3.12E-07	5.98E-07	1.18E-06	2.25E-06	6.29E-05
85	UCART1	592967.59	4122879.92	592967.59, 4122879.92	0.044	0.07232	0.05903	0.11829	0.08902	5.93E-05	8.85E-05	6.50E-05	2.59E-06	5.07E-06	3.31E-07	6.47E-07	1.25E-06	2.44E-06	6.70E-05
86	UCART1	593007.59	4122879.92	593007.59, 4122879.92	0.04701	0.07849	0.06415	0.12685	0.09665	6.34E-05	9.60E-05	7.07E-05	2.78E-06	5.51E-06	3.55E-07	7.03E-07	1.34E-06	2.65E-06	7.17E-05
87	UCART1	593047.59	4122879.92	593047.59, 4122879.92	0.05065	0.08444	0.07026	0.13757	0.10473	6.83E-05	1.03E-04	7.74E-05	3.01E-06	5.97E-06	3.85E-07	7.61E-07	1.45E-06	2.87E-06	7.73E-05
88	UCART1	593087.59	4122879.92	593087.59, 4122879.92	0.05376	0.09005	0.07586	0.14978	0.1125	7.25E-05	1.10E-04	8.36E-05	3.28E-06	6.41E-06	4.19E-07	8.18E-07	1.58E-06	3.08E-06	8.22E-05
89	UCART1	593127.59	4122879.92	593127.59, 4122879.92	0.05736	0.09634	0.08277	0.16391	0.121	7.74E-05	1.18E-04	9.12E-05	3.59E-06	6.90E-06	4.58E-07	8.80E-07	1.73E-06	3.32E-06	8.78E-05
90	UCART1	593167.59	4122879.92	593167.59, 4122879.92	0.06289	0.10385	0.09366	0.18007	0.13232	8.48E-05	1.27E-04	1.03E-04	3.95E-06	7.54E-06	5.03E-07	9.62E-07	1.90E-06	3.63E-06	9.63E-05
91	UCART1	593207.59	4122879.92	593207.59, 4122879.92	0.06742	0.11143	0.10228	0.19541	0.14326	9.09E-05	1.36E-04	1.13E-04	4.28E-06	8.17E-06	5.46E-07	1.04E-06	2.06E-06	3.93E-06	1.03E-04
92	UCART1	593247.59	4122879.92	593247.59, 4122879.92	0.07382	0.11959	0.11345	0.21049	0.15723	9.96E-05	1.46E-04	1.25E-04	4.61E-06	8.96E-06	5.88E-07	1.14E-06	2.22E-06	4.31E-06	1.13E-04
93	UCART1	593287.59	4122879.92	593287.59, 4122879.92	0.08025	0.12663	0.12353	0.22342	0.17274	1.08E-04	1.55E-04	1.36E-04	4.90E-06	9.85E-06	6.24E-07	1.26E-06	2.35E-06	4.73E-06	1.23E-04
94	UCART1	593327.59	4122879.92	593327.59, 4122879.92	0.08642	0.13199	0.13407	0.23409	0.19112	1.17E-04	1.61E-04	1.48E-04	5.13E-06	1.09E-05	6.54E-07	1.39E-06	2.47E-06	5.24E-06	1.33E-04
95	UCART1	593367.59	4122879.92	593367.59, 4122879.92	0.09237	0.13653	0.14423	0.24205	0.21244	1.25E-04	1.67E-04	1.59E-04	5.30E-06	1.21E-05	6.77E-07	1.54E-06	2.55E-06	5.82E-06	1.42E-04
96	UCART1	593407.59	4122879.92	593407.59, 4122879.92	0.0989	0.14188	0.15583	0.24723	0.2371	1.33E-04	1.74E-04	1.72E-04	5.42E-06	1.35E-05	6.91E-07	1.72E-06	2.60E-06	6.50E-06	1.52E-04
97	UCART1	593447.59	4122879.92	593447.59, 4122879.92	0.105	0.14802	0.16641	0.24943	0.26235	1.42E-04	1.81E-04	1.83E-04	5.47E-06	1.50E-05	6.97E-07	1.91E-06	2.63E-06	7.19E-06	1.62E-04
98	UCART1	593487.59	4122879.92	593487.59, 4122879.92	0.11185	0.15614	0.17839	0.24897	0.28816	1.51E-04	1.91E-04	1.96E-04	5.46E-06	1.64E-05	6.96E-07	2.10E-06	2.62E-06	7.90E-06	1.73E-04
99	UCART1	593527.59	4122879.92	593527.59, 4122879.92	0.11933	0.16757	0.19333	0.24605	0.31347	1.61E-04	2.05E-04	2.13E-04	5.39E-06	1.79E-05	6.88E-07	2.28E-06	2.59E-06	8.59E-06	1.84E-04
100	UCART1	593567.59	4122879.92	593567.59, 4122879.92	0.12727	0.18448	0.21277	0.24107	0.33595	1.72E-04	2.26E-04	2.34E-04	5.28E-06	1.91E-05	6.74E-07	2.44E-06	2.54E-06	9.21E-06	1.96E-04
101	UCART1	593607.59	4122879.92	593607.59, 4122879.92	0.135	0.20634	0.2349	0.23412	0.35425	1.82E-04	2.52E-04	2.59E-04	5.13E-06	2.02E-05	6.54E-07	2.58E-06	2.47E-06	9.71E-06	2.07E-04
102	UCART1	593647.59	4122879.92	593647.59, 4122879.92	0.14508	0.23325	0.26433	0.22606	0.36969	1.96E-04	2.85E-04	2.91E-04	4.95E-06	2.11E-05	6.32E-07	2.69E-06	2.38E-06	1.01E-05	2.22E-04
103	UCART1	593687.59	4122879.92	593687.59, 4122879.92	0.15637	0.26182	0.29791	0.21668	0.38076	2.11E-04	3.20E-04	3.28E-04	4.75E-06	2.17E-05	6.06E-07	2.77E-06	2.28E-06	1.04E-05	2.37E-04
104	UCART1	593727.59	4122879.92	593727.59, 4122879.92	0.16943	0.28929	0.33316	0.20646	0.38732	2.28E-04	3.54E-04	3.67E-04	4.52E-06	2.21E-05	5.77E-07	2.82E-06	2.18E-06	1.06E-05	2.55E-04
105	UCART1	593767.59	4122879.92	593767.59, 4122879.92	0.18534	0.31372	0.36839	0.19584	0.3905	2.50E-04	3.84E-04	4.06E-04	4.29E-06	2.23E-05	5.47E-07	2.84E-06	2.06E-06	1.07E-05	2.76E-04
106	UCART1	593807.59	4122879.92	593807.59, 4122879.92	0.20299	0.33329	0.39842	0.18492	0.38955	2.74E-04	4.08E-04	4.39E-04	4.05E-06	2.22E-05	5.17E-07	2.83E-06	1.95E-06	1.07E-05	3.00E-04
107	UCART1	593847.59	4122879.92	593847.59, 4122879.92	0.22278	0.34747	0.42206	0.17407	0.38563	3.00E-04	4.25E-04	4.65E-04	3.81E-06	2.20E-05	4.87E-07	2.80E-06	1.83E-06	1.06E-05	3.26E-04
108	UCART1	593887.59	4122879.92	593887.59, 4122879.92	0.24303	0.35556	0.43657	0.16337	0.37834	3.28E-04	4.35E-04	4.81E-04	3.58E-06	2.16E-05	4.57E-07	2.75E-06	1.72E-06	1.04E-05	3.53E-04
109	UCART1	593927.59	4122879.92	593927.59, 4122879.92	0.26275	0.35756	0.44181	0.15298	0.36812	3.54E-04	4.37E-04	4.87E-04	3.35E-06	2.10E-05	4.28E-07	2.68E-06	1.61E-06	1.01E-05	3.79E-04
110	UCART1	593967.59	4122879.92	593967.59, 4122879.92	0.28019	0.35358	0.43786	0.14299	0.35504	3.78E-04	4.33E-04	4.82E-04	3.13E-06	2.02E-05	4.00E-07	2.58E-06	1.51E-06	9.73E-06	4.01E-04
111	UCART1	594007.59	4122879.92	594007.59, 4122879.92	0.29342	0.34403	0.42533	0.13348	0.33902	3.96E-04	4.21E-04	4.68E-04	2.93E-06	1.93E-05	3.73E-07	2.46E-06	1.41E-06	9.29E-06	4.18E-04
112	UCART1	592567.59	4122919.92	592567.59, 4122919.92	0.02847	0.03827	0.03496	0.06884	0.04477	3.84E-05	4.68E-05	3.85E-05	1.51E-06	2.55E-06	1.92E-07	3.25E-07	7.25E-07	1.23E-06	4.25E-05
113	UCART1	592607.59	4122919.92	592607.59, 4122919.92	0.02965	0.04052	0.03666	0.07522	0.04769	4.00E-05	4.96E-05	4.04E-05	1.65E-06	2.72E-06	2.10E-07	3.47E-07	7.92E-07	1.31E-06	4.44E-05
114	UCART1	592647.59	4122919.92	592647.59, 4122919.92	0.03096	0.04308	0.03859	0.08301	0.05102	4.18E-05	5.27E-05	4.25E-05	1.82E-06	2.91E-06	2.32E-07	3.71E-07	8.75E-07	1.40E-06	4.65E-05
115	UCART1	592687.59	4122919.92	592687.59, 4122919.92	0.03238	0.04591	0.04073	0.09084	0.05475	4.37E-05	5.62E-05	4.49E-05	1.99E-06	3.12E-06	2.54E-07	3.98E-07	9.57E-07	1.50E-06	4.88E-05
116	UCART1	592727.59	4122919.92	592727.59, 4122919.92	0.03401	0.04925	0.0432	0.0984	0.05932	4.59E-05	6.03E-05	4.76E-05	2.16E-06	3.38E-06	2.75E-07	4.31E-07	1.04E-06	1.63E-06	5.14E-05
117	UCART1	592767.59	4122919.92	592767.59, 4122919.92	0.03568	0.05267	0.0458	0.10523	0.06426	4.81E-05	6.44E-05	5.04E-05	2.31E-06	3.66E-06	2.94E-07	4.67E-07	1.11E-06	1.76E-06	5.41E-05
118	UCART1	592807.59	4122919.92	592807.59, 4122919.92	0.03744	0.05634	0.0486	0.1111	0.06934	5.05E-05	6.89E-05	5.35E-05	2.43E-06	3.95E-06	3.11E-07	5.04E-07	1.17E-06	1.90E-06	5.69E-05
119	UCART1	592847.59	4122919.92	592847.59, 4122919.92	0.03964	0.06132	0.05204	0.1178	0.07851	5.35E-05	7.50E-05	5.73E-05	2.58E-06	4.48E-06	3.29E-07	5.71E-07	1.24E-06	2.15E-06	6.05E-05
120	UCART1	592887.59	4122919.92	592887.59, 4122919.92	0.04185	0.06636	0.05559	0.12419	0.08527	5.64E-05	8.12E-05	6.12E-05	2.72E-06	4.86E-06	3.47E-07	6.20E-07	1.31E-06	2.34E-06	6.40E-05
121	UCART1	592927.59	4122919.92	592927.59, 4122919.92	0.04502	0.07448	0.06062	0.13311	0.09439	6.07E-05	9.11E-05	6.68E-05	2.92E-06	5.38E-06	3.72E-07	6.86E-07	1.40E-06	2.59E-06	6.90E-05
122	UCART1	592967.59	4122919.92	592967.59, 4122919.92	0.04826	0.08181	0.06592	0.14307	0.10323	6.51E-05	1.00E-04	7.26E-05	3.14E-06	5.88E-06	4.00E-07	7.51E-07	1.51E-06	2.83E-06	7.41E-05
123	UCART1	593007.59	4122919.92	593007.59, 4122919.92	0.05142	0.08852	0.0713	0.15486	0.11207	6.93E-05	1.08E-04	7.85E-05	3.39E-06	6.39E-06	4.33E-07	8.15E-07	1.63E-06	3.07E-06	7.91E-05

	Phase II Concentration	Phase III Concentration	Total Concentration	Residential Dose: 3rd Tri	0<2	PI 2<9	PII 2<9	PIII 2<9	9<16	16<30	Risk by Age Group: 3rd Tri	0<2	PI 2<9	PII 2<9	PIII 2<9	9<16	16<30	Total Risk
1	3.90E-05	3.34E-05	1.08E-04	1.2E-08	3.7E-08	2.2E-08	2.4E-08	2.0E-08	1.8E-08	8.4E-09	4.1E-10	1.0E-08	2.7E-09	1.6E-09	8.6E-10	7.3E-10	0.0E+00	1.6E-08
2	4.09E-05	3.49E-05	1.13E-04	1.3E-08	3.9E-08	2.2E-08	2.5E-08	2.1E-08	1.9E-08	8.7E-09	4.3E-10	1.0E-08	2.9E-09	1.7E-09	9.0E-10	7.6E-10	0.0E+00	1.7E-08
3	4.28E-05	3.64E-05	1.18E-04	1.3E-08	4.0E-08	2.3E-08	2.6E-08	2.2E-08	2.0E-08	9.1E-09	4.4E-10	1.1E-08	3.0E-09	1.8E-09	9.4E-10	7.9E-10	0.0E+00	1.8E-08
4	4.55E-05	3.83E-05	1.24E-04	1.4E-08	4.2E-08	2.4E-08	2.8E-08	2.3E-08	2.1E-08	9.6E-09	4.7E-10	1.1E-08	3.1E-09	1.9E-09	9.8E-10	8.3E-10	0.0E+00	1.9E-08
5	4.82E-05	4.01E-05	1.30E-04	1.5E-08	4.4E-08	2.5E-08	2.9E-08	2.4E-08	2.2E-08	1.0E-08	4.9E-10	1.2E-08	3.2E-09	2.0E-09	1.0E-09	8.7E-10	0.0E+00	1.9E-08
6	5.15E-05	4.22E-05	1.38E-04	1.5E-08	4.6E-08	2.7E-08	3.1E-08	2.6E-08	2.3E-08	1.1E-08	5.1E-10	1.2E-08	3.4E-09	2.1E-09	1.1E-09	9.2E-10	0.0E+00	2.0E-08
7	5.55E-05	4.45E-05	1.46E-04	1.6E-08	4.8E-08	2.8E-08	3.4E-08	2.7E-08	2.4E-08	1.1E-08	5.3E-10	1.3E-08	3.6E-09	2.3E-09	1.1E-09	9.7E-10	0.0E+00	2.1E-08
8	5.89E-05	4.67E-05	1.54E-04	1.7E-08	5.0E-08	2.9E-08	3.6E-08	2.8E-08	2.6E-08	1.2E-08	5.6E-10	1.3E-08	3.7E-09	2.4E-09	1.2E-09	1.0E-09	0.0E+00	2.2E-08
9	6.32E-05	4.98E-05	1.64E-04	1.8E-08	5.3E-08	3.1E-08	3.8E-08	3.0E-08	2.7E-08	1.2E-08	5.9E-10	1.4E-08	3.9E-09	2.6E-09	1.3E-09	1.1E-09	0.0E+00	2.4E-08
10	6.79E-05	5.34E-05	1.75E-04	1.9E-08	5.6E-08	3.3E-08	4.1E-08	3.2E-08	2.9E-08	1.3E-08	6.2E-10	1.5E-08	4.1E-09	2.8E-09	1.4E-09	1.2E-09	0.0E+00	2.5E-08
11	7.27E-05	5.73E-05	1.87E-04	2.0E-08	6.0E-08	3.5E-08	4.4E-08	3.5E-08	3.1E-08	1.4E-08	6.6E-10	1.6E-08	4.4E-09	3.0E-09	1.5E-09	1.2E-09	0.0E+00	2.7E-08
12	7.71E-05	6.15E-05	1.99E-04	2.1E-08	6.3E-08	3.6E-08	4.7E-08	3.7E-08	3.4E-08	1.5E-08	7.0E-10	1.7E-08	4.6E-09	3.2E-09	1.6E-09	1.3E-09	0.0E+00	2.8E-08
13	8.25E-05	6.63E-05	2.13E-04	2.2E-08	6.7E-08	3.9E-08	5.0E-08	4.0E-08	3.6E-08	1.7E-08	7.4E-10	1.8E-08	4.9E-09	3.4E-09	1.7E-09	1.4E-09	0.0E+00	3.0E-08
14	8.77E-05	7.12E-05	2.27E-04	2.4E-08	7.1E-08	4.1E-08	5.3E-08	4.3E-08	3.9E-08	1.8E-08	7.9E-10	1.9E-08	5.2E-09	3.6E-09	1.8E-09	1.6E-09	0.0E+00	3.2E-08
15	9.32E-05	7.67E-05	2.42E-04	2.5E-08	7.6E-08	4.4E-08	5.6E-08	4.6E-08	4.2E-08	1.9E-08	8.4E-10	2.0E-08	5.6E-09	3.8E-09	2.0E-09	1.7E-09	0.0E+00	3.4E-08
16	9.88E-05	8.28E-05	2.59E-04	2.7E-08	8.1E-08	4.7E-08	6.0E-08	5.0E-08	4.5E-08	2.1E-08	8.9E-10	2.2E-08	5.9E-09	4.1E-09	2.1E-09	1.8E-09	0.0E+00	3.6E-08
17	1.05E-04	9.06E-05	2.78E-04	2.9E-08	8.7E-08	5.0E-08	6.4E-08	5.5E-08	5.0E-08	2.3E-08	9.6E-10	2.3E-08	6.4E-09	4.3E-09	2.3E-09	2.0E-09	0.0E+00	3.9E-08
18	1.11E-04	9.77E-05	2.97E-04	3.1E-08	9.2E-08	5.3E-08	6.7E-08	5.9E-08	5.4E-08	2.4E-08	1.0E-09	2.5E-08	6.8E-09	4.6E-09	2.5E-09	2.1E-09	0.0E+00	4.2E-08
19	1.16E-04	1.04E-04	3.12E-04	3.2E-08	9.7E-08	5.6E-08	7.0E-08	6.3E-08	5.7E-08	2.6E-08	1.1E-09	2.6E-08	7.2E-09	4.8E-09	2.7E-09	2.3E-09	0.0E+00	4.4E-08
20	1.20E-04	1.11E-04	3.29E-04	3.4E-08	1.0E-07	6.0E-08	7.2E-08	6.7E-08	6.1E-08	2.8E-08	1.1E-09	2.8E-08	7.6E-09	4.9E-09	2.8E-09	2.4E-09	0.0E+00	4.6E-08
21	1.23E-04	1.19E-04	3.48E-04	3.7E-08	1.1E-07	6.4E-08	7.4E-08	7.2E-08	6.5E-08	3.0E-08	1.2E-09	3.0E-08	8.2E-09	5.0E-09	3.1E-09	2.6E-09	0.0E+00	5.0E-08
22	1.27E-04	1.27E-04	3.68E-04	4.0E-08	1.2E-07	6.9E-08	7.7E-08	7.7E-08	7.0E-08	3.2E-08	1.3E-09	3.2E-08	8.8E-09	5.2E-09	3.3E-09	2.8E-09	0.0E+00	5.3E-08
23	1.31E-04	1.34E-04	3.85E-04	4.2E-08	1.3E-07	7.3E-08	7.9E-08	8.1E-08	7.3E-08	3.4E-08	1.4E-09	3.4E-08	9.3E-09	5.4E-09	3.4E-09	2.9E-09	0.0E+00	5.6E-08
24	1.36E-04	1.41E-04	4.03E-04	4.4E-08	1.3E-07	7.6E-08	8.2E-08	8.5E-08	7.7E-08	3.5E-08	1.5E-09	3.5E-08	9.7E-09	5.6E-09	3.6E-09	3.1E-09	0.0E+00	5.9E-08
25	1.42E-04	1.50E-04	4.25E-04	4.6E-08	1.4E-07	8.0E-08	8.6E-08	9.1E-08	8.2E-08	3.8E-08	1.5E-09	3.7E-08	1.0E-08	5.8E-09	3.9E-09	3.3E-09	0.0E+00	6.2E-08
26	1.50E-04	1.61E-04	4.52E-04	4.9E-08	1.5E-07	8.5E-08	9.1E-08	9.7E-08	8.8E-08	4.0E-08	1.6E-09	3.9E-08	1.1E-08	6.2E-09	4.1E-09	3.5E-09	0.0E+00	6.5E-08
27	1.62E-04	1.74E-04	4.83E-04	5.1E-08	1.5E-07	9.0E-08	9.8E-08	1.1E-07	9.5E-08	4.3E-08	1.7E-09	4.1E-08	1.1E-08	6.6E-09	4.5E-09	3.8E-09	0.0E+00	6.9E-08
28	1.77E-04	1.89E-04	5.23E-04	5.4E-08	1.6E-07	9.5E-08	1.1E-07	1.1E-07	1.0E-07	4.7E-08	1.8E-09	4.4E-08	1.2E-08	7.3E-09	4.9E-09	4.1E-09	0.0E+00	7.4E-08
29	1.96E-04	2.07E-04	5.68E-04	5.7E-08	1.7E-07	1.0E-07	1.2E-07	1.3E-07	1.1E-07	5.2E-08	1.9E-09	4.6E-08	1.3E-08	8.1E-09	5.3E-09	4.5E-09	0.0E+00	7.9E-08
30	2.17E-04	2.28E-04	6.20E-04	6.0E-08	1.8E-07	1.1E-07	1.3E-07	1.4E-07	1.2E-07	5.7E-08	2.0E-09	4.9E-08	1.3E-08	8.9E-09	5.8E-09	5.0E-09	0.0E+00	8.4E-08
31	2.39E-04	2.52E-04	6.78E-04	6.4E-08	1.9E-07	1.1E-07	1.4E-07	1.5E-07	1.4E-07	6.3E-08	2.2E-09	5.2E-08	1.4E-08	9.8E-09	6.5E-09	5.5E-09	0.0E+00	9.0E-08
32	2.60E-04	2.75E-04	7.35E-04	6.9E-08	2.1E-07	1.2E-07	1.6E-07	1.7E-07	1.5E-07	6.9E-08	2.3E-09	5.6E-08	1.5E-08	1.1E-08	7.1E-09	6.0E-09	0.0E+00	9.7E-08
33	2.79E-04	2.99E-04	7.93E-04	7.5E-08	2.3E-07	1.3E-07	1.7E-07	1.8E-07	1.6E-07	7.5E-08	2.5E-09	6.0E-08	1.7E-08	1.1E-08	7.7E-09	6.5E-09	0.0E+00	1.0E-07
34	2.94E-04	3.19E-04	8.46E-04	8.0E-08	2.4E-07	1.4E-07	1.8E-07	1.9E-07	1.7E-07	8.0E-08	2.7E-09	6.5E-08	1.8E-08	1.2E-08	8.2E-09	6.9E-09	0.0E+00	1.1E-07
35	3.07E-04	3.35E-04	8.93E-04	8.7E-08	2.6E-07	1.5E-07	1.9E-07	2.0E-07	1.8E-07	8.4E-08	2.9E-09	7.0E-08	1.9E-08	1.3E-08	8.6E-09	7.3E-09	0.0E+00	1.2E-07
36	3.16E-04	3.46E-04	9.30E-04	9.3E-08	2.8E-07	1.6E-07	1.9E-07	2.1E-07	1.9E-07	8.7E-08	3.1E-09	7.5E-08	2.1E-08	1.3E-08	8.9E-09	7.5E-09	0.0E+00	1.3E-07
37	3.20E-04	3.51E-04	9.56E-04	9.8E-08	3.0E-07	1.7E-07	1.9E-07	2.1E-07	1.9E-07	8.8E-08	3.3E-09	7.9E-08	2.2E-08	1.3E-08	9.0E-09	7.6E-09	0.0E+00	1.3E-07
38	4.16E-05	3.54E-05	1.15E-04	1.3E-08	3.9E-08	2.3E-08	2.5E-08	2.1E-08	1.9E-08	8.9E-09	4.4E-10	1.1E-08	2.9E-09	1.7E-09	9.1E-10	7.7E-10	0.0E+00	1.7E-08
39	4.39E-05	3.71E-05	1.20E-04	1.4E-08	4.1E-08	2.4E-08	2.7E-08	2.2E-08	2.0E-08	9.3E-09	4.5E-10	1.1E-08	3.0E-09	1.8E-09	9.5E-10	8.1E-10	0.0E+00	1.8E-08
40	4.60E-05	3.89E-05	1.26E-04	1.4E-08	4.3E-08	2.5E-08	2.8E-08	2.4E-08	2.1E-08	9.7E-09	4.7E-10	1.1E-08	3.1E-09	1.9E-09	1.0E-09	8.5E-10	0.0E+00	1.9E-08
41	4.84E-05	4.08E-05	1.32E-04	1.5E-08	4.5E-08	2.6E-08	2.9E-08	2.5E-08	2.2E-08	1.0E-08	4.9E-10	1.2E-08	3.3E-09	2.0E-09	1.0E-09	8.9E-10	0.0E+00	2.0E-08
42	5.15E-05	4.30E-05	1.39E-04	1.5E-08	4.7E-08	2.7E-08	3.1E-08	2.6E-08	2.4E-08	1.1E-08	5.2E-10	1.2E-08	3.4E-09	2.1E-09	1.1E-09	9.4E-10	0.0E+00	2.1E-08
43	5.55E-05	4.56E-05	1.48E-04	1.6E-08	4.9E-08	2.8E-08	3.4E-08	2.8E-08	2.5E-08	1.1E-08	5.4E-10	1.3E-08	3.6E-09	2.3E-09	1.2E-09	9.9E-10	0.0E+00	2.2E-08
44	5.93E-05	4.80E-05	1.56E-04	1.7E-08	5.1E-08	3.0E-08	3.6E-08	2.9E-08	2.6E-08	1.2E-08	5.7E-10	1.4E-08	3.8E-09	2.4E-09	1.2E-09	1.0E-09	0.0E+00	2.3E-08
45	6.34E-05	5.06E-05	1.66E-04	1.8E-08	5.4E-08	3.1E-08	3.8E-08	3.1E-08	2.8E-08	1.3E-08	6.0E-10	1.4E-08	4.0E-09	2.6E-09	1.3E-09	1.1E-09	0.0E+00	2.4E-08
46	6.82E-05	5.38E-05	1.76E-04	1.9E-08	5.7E-08	3.3E-08	4.1E-08	3.3E-08	2.9E-08	1.3E-08	6.3E-10	1.5E-08	4.2E-09	2.8E-09	1.4E-09	1.2E-09	0.0E+00	2.5E-08
47	7.40E-05	5.78E-05	1.90E-04	2.0E-08	6.0E-08	3.5E-08	4.5E-08	3.5E-08	3.2E-08	1.4E-08	6.7E-10	1.6E-08	4.4E-09	3.0E-09	1.5E-09	1.3E-09	0.0E+00	2.7E-08
48	7.98E-05	6.22E-05	2.03E-04	2.1E-08	6.4E-08	3.7E-08	4.8E-08	3.8E-08	3.4E-08	1.6E-08	7.1E-10	1.7E-08	4.7E-09	3.3E-09	1.6E-09	1.4E-09	0.0E+00	2.9E-08
49	8.71E-05	6.79E-05	2.21E-04	2.3E-08	6.9E-08	4.0E-08	5.3E-08	4.1E-08	3.7E-08	1.7E-08	7.6E-10	1.8E-08	5.1E-09	3.6E-09	1.7E-09	1.5E-09	0.0E+00	3.1E-08
50	9.30E-05	7.45E-05	2.38E-04	2.5E-08	7.4E-08	4.3E-08	5.6E-08	4.5E-08	4.1E-08	1.9E-08	8.2E-10	2.0E-08	5.5E-09	3.8E-09	1.9E-09	1.6E-09	0.0E+00	3.3E-08
51	9.85E-05	7.91E-05	2.52E-04	2.6E-08	7.8E-08	4.5E-08	6.0E-08	4.8E-08	4.3E-08	2.0E-08	8.6E-10	2.1E-08	5.7E-09	4.0E-09	2.0E-09	1.7E-09	0.0E+00	3.5E-08
52	1.05E-04	8.60E-05	2.71E-04	2.8E-08	8.3E-08	4.8E-08	6.3E-08	5.2E-08	4.7E-08	2.2E-08	9.2E-10	2.2E-08	6.1E-09	4.3E-09	2.2E-09	1.9E-09	0.0E+00	3.8E-08
53	1.12E-04	9.45E-05	2.92E-04	3.0E-08	9.0E-08	5.2E-08	6.8E-08	5.7E-08	5.2E-08	2.4E-08	9.9E-10	2.4E-08	6.6E-09	4.6E-09	2.4E-09	2.1E-09	0.0E+00	4.1E-08
54	1.20E-04	1.04E-04	3.16E-04	3.2E-08	9.7E-08	5.6E-08	7.2E-08	6.3E-08	5.7E-08	2.6E-08	1.1E-09	2.6E-08	7.1E-09	4.9E-09	2.7E-09	2.3E-09	0.0E+00	4.4E-08
55	1.27E-04	1.12E-04	3.39E-04	3.4E-08	1.0E-07	6.0E-08	7.7E-08	6.8E-08	6.2E-08	2.8E-08	1.1E-09	2.8E-08	7.6E-09	5.2E-09	2.9E-09	2.4E-09	0.0E+00	4.7E-08
56	1.34E-04	1.22E-04	3.62E-04	3.7E-08	1.1E-07	6.4E-08	8.1E-08	7.4E-08	6.7E-08	3.0E-08	1.2E-09	3.0E-08	8.2E-09	5.5E-09	3.1E-09	2.7E-09	0.0E+00	5.0E-08
57	1.39E-04	1.31E-04	3.83E-04	3.9E-08	1.2E-07	6.9E-08	8.4E-08	7.9E-08	7.2E-08	3.3E-08	1.3E-09	3.2E-08	8.8E-09	5.7E-09	3.4E-09	2.8E-09	0.0E+00	5.4E-08
58	1.43E-04	1.40E-04	4.05E-04	4.2E-08	1.3E-07	7.4E-08	8.7E-08	8.5E-08	7.7E-08	3.5E-08	1.4E-09	3.4E-08	9.4E-09	5.9E-09	3.6E-09	3.0E-09	0.0E+00	5.8E-08
59	1.48E-04	1.51E-04	4.31E-04	4.6E-08	1.4E-07	8.0E-08	9.0E-08	9.2E-08	8.3E-08	3.8E-08	1.5E-09	3.7E-08	1.0E-08	6.1E-09	3.9E-09	3.3E-09	0.0E+00	6.2E-08
60	1.54E-04	1.60E-04	4.53E-04	4.8E-08	1.5E-07	8.4E-08	9.3E-08	9.7E-08	8.8E-08	4.0E-08	1.6E-09	3.9E-08	1.1E-08	6.3E-09	4.1E-09	3.5E-09	0.0E+00	6.5E-08
61	1.60E-04	1.69E-04	4.76E-04	5.1E-08	1.5E-07	8.9E-08	9.7E-08	1.0E-07	9.3E-08	4.2E-08	1.7E-09	4.1E-08	1.1E-08	6.6E-09	4.4E-09	3.7E-09	0.0E+00	6.9E-08
62	1.70E-04	1.82E-04	5.06E-04	5.4E-08	1.6E-07	9.4E-08	1.0E-07	1.1E-07	1.0E-07	4.5E-08	1.8E-09	4.3E-08	1.2E-08	7.0E-09	4.7E-09	4.0E-09	0.0E+00	7.3E-08
63	1.83E-04	1.97E-04	5.45E-04	5.7E-08	1.7E-07	1.0E-07	1.1E-07	1.2E-07	1.1E-07	4.9E-08	1.9E-09	4.6E-08	1.3E-08	7.5E-09	5.0E-09	4.3E-09	0.0E+00	7.8E-08
64	2.00E-04	2.14E-04	5.89E-04	6.0E-08	1.8E-07	1.1E-07	1.2E-07	1.3E-07	1.2E-07	5.4E-08	2.0E-09	4.9E-08	1.3E-08	8.2E-09	5.5E-09	4.7E-09	0.0E+00	8.3E-08
65	2.23E-04	2.37E-04	6.45E-04	6.4E-08	1.9E-07	1.1E-07	1.4E-07	1.4E-07	1.3E-07	5.9E-08	2.1E-09	5.2E-08	1.4E-08	9.2E-09	6.1E-09	5.2E-09	0.0E+00	8.8E-08
66	2.49E-04	2.63E-04	7.09E-04	6.8E-08	2.1E-07	1.2E-07	1.5E-07	1.6E-07	1.4E-07	6.6E-08	2.3E-09	5.5E-08	1.5E-08	1.0E-08	6.7E-09	5.7E-09	0.0E+00	9.5E-08
67	2.76E-04	2.91E-04	7.76E-04	7.2E-08	2.2E-07	1.3E-07	1.7E-07	1.8E-07	1.6E-07	7.3E-08	2.4E-09	5.8E-08	1.6E-08	1.1E-08	7.5E-09	6.3E-09	0.0E+00	1.0E-07
68	3.03E-04	3.22E-04	8.49E-04	7.8E-08	2.3E-07	1.4E-07	1.8E-07	1.9E-07	1.8E-07	8.0E-08	2.6E-09	6.3E-08	1.7E-08	1.2E-08	8.3E-09	7.0E-09	0.0E+00	1.1E-07
69	3.26E-04	3.50E-04	9.18E-04	8.4E-08	2.5E-07	1.5E-07	2.0E-07	2.1E-07	1.9E-07	8.8E-08	2.8E-09	6.8E-08	1.9E-08	1.3E-08	9.0E-09	7.6E-09	0.0E+00	1.2E-07
70	3.45E-04	3.76E-04	9.84E-04	9.1E-08	2.7E-07	1.6E-07	2.1E-07	2.3E-07	2.1E-07	9.4E-08	3.0E-09	7.3E-08	2.0E-08	1.4E-08	9.7E-09	8.2E-09	0.0E+00	1.3E-07
71	3.60E-04	3.96E-04	1.04E-03	9.8E-08	3.0E-07	1.7E-07	2.2E-07	2.4E-07	2.2E-07	9.9E-08	3.3E-09	7.9E-08	2.2E-08	1.5E-08	1.0E-08	8.6E-09	0.0E+00	1.4E-07
72	3.70E-04	4.10E-04	1.08E-03	1.1E-07	3.2E-07	1.9E-07	2.2E-07	2.5E-07	2.2E-07	1.0E-07	3.5E-09	8.5E-08	2.4E-08	1.5E-08	1.1E-08	8.9E-09	0.0E+00	1.5E-07
73	3.74E-04	4.15E-04	1.12E-03	1.1E-07	3.4E-07	2.0E-07	2.3E-07	2.5E-07	2.3E-07	1.0E-07	3.8E-09	9.1E-08	2.5E-08	1.5E-08	1.1E-08	9.0E-09	0.0E+00	1.6E-07
74	3.72E-04	4.13E-04	1.13E-03	1.2E-07	3.6E-07	2.1E-07	2.3E-07	2.5E-07	2.3E-07	1.0E-07	4.0E-09	9.6E-08	2.6E-08	1.5E-08	1.1E-08	9.0E-09	0.0E+00	1.6E-07
75	4.45E-05	3.78E-05	1.22E-04	1.4E-08	4.2E-08	2.4E-08	2.7E-08	2.3E-08	2.1E-08	9.5E-09	4.6E-10	1.1E-08	3.1E-09	1.8E-09	9.7E-10	8.2E-10	0.0E+00	1.8E-08
76	4.70E-05	3.97E-05	1.28E-04	1.4E-08	4.4E-08	2.5E-08	2.8E-08	2.4E-08	2.2E-08	9.9E-09	4.8E-10	1.2E-08	3.2E-09	1.9E-09	1.0E-09	8.7E-10	0.0E+00	1.9E-08
77	4.94E-05	4.16E-05	1.34E-04	1.5E-08	4.5E-08	2.6E-08	3.0E-08	2.5E-08	2.3E-08	1.0E-08	5.0E-10	1.2E-08	3.3E-09	2.0E-09	1.1E-09	9.1E-10	0.0E+00	2.0E-08
78	5.19E-05	4.36E-05	1.41E-04	1.6E-08	4.7E-08	2.7E-08	3.1E-08	2.6E-08	2.4E-08	1.1E-08	5.2E-10	1.3E-08	3.5E-09	2.1E-09	1.1E-09	9.5E-10	0.0E+00	2.1E-08
79	5.58E-05	4.64E-05	1.50E-04	1.7E-08	5.0E-08	2.9E-08	3.4E-08	2.8E-08	2.5E-08	1.2E-08	5.5E-10	1.3E-08	3.7E-09	2.3E-09	1.2E-09	1.0E-09	0.0E+00	2.2E-08
80	6.00E-05	4.92E-05	1.60E-04	1.7E-08	5.3E-08	3.0E-08	3.6E-08	3.0E-08	2.7E-08	1.2E-08	5.8E-10	1.4E-08	3.9E-09	2.5E-09	1.3E-09	1.1E-09	0.0E+00	2.3E-08
81	6.40E-05	5.20E-05	1.69E-04	1.8E-08	5.5E-08	3.2E-08	3.9E-08	3.1E-08	2.9E-08	1.3E-08	6.1E-10	1.5E-08	4.1E-09	2.6E-09	1.3E-09	1.1E-09	0.0E+00	2.4E-08
82	6.93E-05	5.54E-05	1.80E-04	1.9E-08	5.8E-08	3.4E-08	4.2E-08	3.4E-08	3.0E-08	1.4E-08	6.4E-10	1.6E-08	4.3E-09	2.8E-09	1.4E-09	1.2E-09	0.0E+00	2.6E-08
83	7.53E-05	5.92E-05	1.94E-04	2.0E-08	6.2E-08	3.6E-08	4.6E-08	3.6E-08	3.2E-08	1.5E-08	6.8E-10	1.7E-08	4.6E-09	3.1E-09	1.5E-09	1.3E-09	0.0E+00	2.8E-08
84	8.22E-05	6.37E-05	2.09E-04	2.2E-08	6.6E-08	3.8E-08	5.0E-08	3.9E-08	3.5E-08	1.6E-08	7.3E-10	1.8E-08	4.8E-09	3.4E-09	1.6E-09	1.4E-09	0.0E+00	3.0E-08
85	8.95E-05	6.87E-05	2.25E-04	2.3E-08	7.0E-08	4.1E-08	5.4E-08	4.2E-08	3.8E-08	1.7E-08	7.7E-10	1.9E-08	5.2E-09	3.7E-09	1.8E-09	1.5E-09	0.0E+00	3.2E-08
86	9.71E-05	7.46E-05	2.43E-04	2.5E-08	7.5E-08	4.3E-08	5.9E-08	4.5E-08	4.1E-08	1.9E-08	8.3E-10	2.0E-08	5.5E-09	4.0E-09	1.9E-09	1.6E-09	0.0E+00	3.4E-08
87	1.04E-04	8.17E-05	2.63E-04	2.7E-08	8.1E-08	4.7E-08	6.3E-08	4.9E-08	4.5E-08	2.0E-08	8.9E-10	2.2E-08	6.0E-09	4.3E-09	2.1E-09	1.8E-09	0.0E+00	3.7E-08
88	1.11E-04	8.82E-05	2.82E-04	2.8E-08	8.6E-08	5.0E-08	6.7E-08	5.3E-08	4.8E-08	2.2E-08	9.5E-10	2.3E-08	6.3E-09	4.6E-09	2.3E-09	1.9E-09	0.0E+00	3.9E-08
89	1.19E-04	9.62E-05	3.03E-04	3.0E-08	9.2E-08	5.3E-08	7.2E-08	5.8E-08	5.3E-08	2.4E-08	1.0E-09	2.5E-08	6.8E-09	4.9E-09	2.5E-09	2.1E-09	0.0E+00	4.2E-08
90	1.29E-04	1.09E-04	3.34E-04	3.3E-08	1.0E-07	5.8E-08	7.8E-08	6.6E-08	6.0E-08	2.7E-08	1.1E-09	2.7E-08	7.4E-09	5.3E-09	2.8E-09	2.4E-09	0.0E+00	4.6E-08
91	1.38E-04	1.19E-04	3.60E-04	3.6E-08	1.1E-07	6.3E-08	8.3E-08	7.2E-08	6.5E-08	3.0E-08	1.2E-09	2.9E-08	8.0E-09	5.7E-09	3.0E-09	2.6E-09	0.0E+00	4.9E-08
92	1.48E-04	1.31E-04	3.93E-04	3.9E-08	1.2E-07	6.8E-08	9.0E-08	8.0E-08	7.2E-08	3.3E-08	1.3E-09	3.2E-08	8.7E-09	6.1E-09	3.4E-09	2.9E-09	0.0E+00	5.4E-08
93	1.57E-04	1.43E-04	4.23E-04	4.3E-08	1.3E-07	7.4E-08	9.5E-08	8.7E-08	7.9E-08	3.6E-08	1.4E-09	3.4E-08	9.5E-09	6.4E-09	3.7E-09	3.1E-09	0.0E+00	5.8E-08
94	1.64E-04	1.55E-04	4.51E-04	4.6E-08	1.4E-07	8.0E-08	9.9E-08	9.4E-08	8.5E-08	3.9E-08	1.5E-09	3.7E-08	1.0E-08	6.7E-09	4.0E-09	3.4E-09	0.0E+00	6.3E-08
95	1.69E-04	1.67E-04	4.78E-04	4.9E-08	1.5E-07	8.6E-08	1.0E-07	1.0E-07	9.2E-08	4.2E-08	1.6E-09	4.0E-08	1.1E-08	7.0E-09	4.3E-09	3.6E-09	0.0E+00	6.7E-08
96	1.76E-04	1.81E-04	5.09E-04	5.3E-08	1.6E-07	9.2E-08	1.1E-07	1.1E-07	9.9E-08	4.5E-08	1.8E-09	4.3E-08	1.2E-08	7.2E-09	4.6E-09	3.9E-09	0.0E+00	7.2E-08
97	1.84E-04	1.93E-04	5.39E-04	5.6E-08	1.7E-07	9.8E-08	1.1E-07	1.2E-07	1.1E-07	4.8E-08	1.9E-09	4.5E-08	1.2E-08	7.5E-09	5.0E-09	4.2E-09	0.0E+00	7.6E-08
98	1.94E-04	2.07E-04	5.74E-04	6.0E-08	1.8E-07	1.0E-07	1.2E-07	1.3E-07	1.1E-07	5.2E-08	2.0E-09	4.8E-08	1.3E-08	8.0E-09	5.3E-09	4.5E-09	0.0E+00	8.1E-08
99	2.08E-04	2.24E-04	6.16E-04	6.4E-08	1.9E-07	1.1E-07	1.3E-07	1.4E-07	1.2E-07	5.6E-08	2.1E-09	5.1E-08	1.4E-08	8.5E-09	5.8E-09	4.9E-09	0.0E+00	8.7E-08
100	2.29E-04	2.46E-04	6.71E-04	6.8E-08	2.0E-07	1.2E-07	1.4E-07	1.5E-07	1.3E-07	6.2E-08	2.3E-09	5.5E-08	1.5E-08	9.4E-09	6.3E-09	5.4E-09	0.0E+00	9.3E-08
101	2.56E-04	2.71E-04	7.34E-04	7.2E-08	2.2E-07	1.3E-07	1.5E-07	1.6E-07	1.5E-07	6.8E-08	2.4E-09	5.8E-08	1.6E-08	1.1E-08	7.0E-09	5.9E-09	0.0E+00	1.0E-07
102	2.89E-04	3.04E-04	8.14E-04	7.7E-08	2.3E-07	1.3E-07	1.7E-07	1.8E-07	1.7E-07	7.6E-08	2.6E-09	6.2E-08	1.7E-08	1.2E-08	7.8E-09	6.6E-09	0.0E+00	1.1E-07
103	3.24E-04	3.41E-04	9.02E-04	8.2E-08	2.5E-07	1.4E-07	2.0E-07	2.1E-07	1.9E-07	8.5E-08	2.7E-09	6.6E-08	1.8E-08	1.3E-08	8.8E-09	7.4E-09	0.0E+00	1.2E-07
104	3.57E-04	3.80E-04	9.92E-04	8.8E-08	2.7E-07	1.5E-07	2.2E-07	2.3E-07	2.1E-07	9.5E-08	2.9E-09	7.1E-08	2.0E-08	1.5E-08	9.7E-09	8.3E-09	0.0E+00	1.3E-07
105	3.87E-04	4.19E-04	1.08E-03	9.6E-08	2.9E-07	1.7E-07	2.3E-07	2.5E-07	2.3E-07	1.0E-07	3.2E-09	7.7E-08	2.1E-08	1.6E-08	1.1E-08	9.1E-09	0.0E+00	1.4E-07
106	4.11E-04	4.51E-04	1.16E-03	1.0E-07	3.1E-07	1.8E-07	2.5E-07	2.7E-07	2.5E-07	1.1E-07	3.5E-09	8.4E-08	2.3E-08	1.7E-08	1.2E-08	9.8E-09	0.0E+00	1.5E-07
107	4.28E-04	4.77E-04	1.23E-03	1.1E-07	3.4E-07	2.0E-07	2.6E-07	2.9E-07	2.6E-07	1.2E-07	3.8E-09	9.1E-08	2.5E-08	1.8E-08	1.2E-08	1.0E-08	0.0E+00	1.6E-07
108	4.38E-04	4.93E-04	1.28E-03	1.2E-07	3.7E-07	2.1E-07	2.7E-07	3.0E-07	2.7E-07	1.2E-07	4.1E-09	9.9E-08	2.7E-08	1.8E-08	1.3E-08	1.1E-08	0.0E+00	1.7E-07
109	4.41E-04	4.98E-04	1.32E-03	1.3E-07	4.0E-07	2.3E-07	2.7E-07	3.0E-07	2.7E-07	1.2E-07	4.4E-09	1.1E-07	2.9E-08	1.8E-08	1.3E-08	1.1E-08	0.0E+00	1.8E-07
110	4.36E-04	4.94E-04	1.33E-03	1.4E-07	4.2E-07	2.4E-07	2.6E-07	3.0E-07	2.7E-07	1.2E-07	4.6E-09	1.1E-07	3.1E-08	1.8E-08	1.3E-08	1.1E-08	0.0E+00	1.9E-07
111	4.24E-04	4.79E-04	1.32E-03	1.4E-07	4.4E-07	2.5E-07	2.6E-07	2.9E-07	2.6E-07	1.2E-07	4.8E-09	1.2E-07	3.2E-08	1.7E-08	1.2E-08	1.0E-08	0.0E+00	1.9E-07
112	4.73E-05	4.05E-05	1.30E-04	1.5E-08	4.4E-08	2.6E-08	2.9E-08	2.4E-08	2.2E-08	1.0E-08	4.9E-10	1.2E-08	3.3E-09	1.9E-09	1.0E-09	8.8E-10	0.0E+00	1.9E-08
113	5.01E-05	4.25E-05	1.37E-04	1.5E-08	4.6E-08	2.7E-08	3.0E-08	2.6E-08	2.3E-08	1.1E-08	5.1E-10	1.2E-08	3.4E-09	2.1E-09	1.1E-09	9.3E-10	0.0E+00	2.0E-08
114	5.33E-05	4.48E-05	1.45E-04	1.6E-08	4.9E-08	2.8E-08	3.2E-08	2.7E-08	2.5E-08	1.1E-08	5.4E-10	1.3E-08	3.6E-09	2.2E-09	1.1E-09	9.8E-10	0.0E+00	2.1E-08
115	5.68E-05	4.73E-05	1.53E-04	1.7E-08	5.1E-08	3.0E-08	3.4E-08	2.9E-08	2.6E-08	1.2E-08	5.6E-10	1.4E-08	3.8E-09	2.3E-09	1.2E-09	1.0E-09	0.0E+00	2.3E-08
116	6.10E-05	5.02E-05	1.63E-04	1.8E-08	5.4E-08	3.1E-08	3.7E-08	3.0E-08	2.8E-08	1.3E-08	5.9E-10	1.4E-08	4.0E-09	2.5E-09	1.3E-09	1.1E-09	0.0E+00	2.4E-08
117	6.52E-05	5.33E-05	1.73E-04	1.9E-08	5.7E-08	3.3E-08	3.9E-08	3.2E-08	2.9E-08	1.3E-08	6.3E-10	1.5E-08	4.2E-09	2.7E-09	1.4E-09	1.2E-09	0.0E+00	2.5E-08
118	6.97E-05	5.66E-05	1.83E-04	2.0E-08	5.9E-08	3.4E-08	4.2E-08	3.4E-08	3.1E-08	1.4E-08	6.6E-10	1.6E-08	4.4E-09	2.9E-09	1.5E-09	1.2E-09	0.0E+00	2.6E-08
119	7.59E-05	6.07E-05	1.97E-04	2.1E-08	6.3E-08	3.7E-08	4.6E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	1.7E-08	4.7E-09	3.1E-09	1.6E-09	1.3E-09	0.0E+00	2.8E-08
120	8.22E-05	6.49E-05	2.11E-04	2.2E-08	6.7E-08	3.9E-08	5.0E-08	3.9E-08	3.6E-08	1.6E-08	7.4E-10	1.8E-08	4.9E-09	3.4E-09	1.7E-09	1.4E-09	0.0E+00	3.0E-08
121	9.22E-05	7.08E-05	2.32E-04	2.4E-08	7.2E-08	4.2E-08	5.6E-08	4.3E-08	3.9E-08	1.8E-08	8.0E-10	1.9E-08	5.3E-09	3.8E-09	1.8E-09	1.5E-09	0.0E+00	3.3E-08
122	1.01E-04	7.69E-05	2.52E-04	2.6E-08	7.7E-08	4.5E-08	6.1E-08	4.7E-08	4.2E-08	1.9E-08	8.6E-10	2.1E-08	5.7E-09	4.2E-09	2.0E-09	1.7E-09	0.0E+00	3.5E-08
123	1.10E-04	8.32E-05	2.72E-04	2.7E-08	8.3E-08	4.8E-08	6.6E-08	5.0E-08	4.6E-08	2.1E-08	9.1E-10	2.2E-08	6.1E-09	4.5E-09	2.1E-09	1.8E-09	0.0E+00	3.8E-08

CONSTRUCTION RISK (UNMITIGATED)

124	UCART1	593047.59	4122919.92	593047.59, 4122919.92	0.05464	0.09532	0.07738	0.16938	0.12154
125	UCART1	593087.59	4122919.92	593087.59, 4122919.92	0.05896	0.10289	0.08522	0.18705	0.13241
126	UCART1	593127.59	4122919.92	593127.59, 4122919.92	0.06382	0.11107	0.09492	0.20653	0.14425
127	UCART1	593167.59	4122919.92	593167.59, 4122919.92	0.0707	0.12077	0.1085	0.22693	0.16031
128	UCART1	593207.59	4122919.92	593207.59, 4122919.92	0.07543	0.13029	0.11851	0.24481	0.17467
129	UCART1	593247.59	4122919.92	593247.59, 4122919.92	0.08444	0.1412	0.13304	0.26145	0.19442
130	UCART1	593287.59	4122919.92	593287.59, 4122919.92	0.09088	0.1504	0.14596	0.27412	0.21621
131	UCART1	593327.59	4122919.92	593327.59, 4122919.92	0.09967	0.15832	0.16223	0.28354	0.24473
132	UCART1	593367.59	4122919.92	593367.59, 4122919.92	0.10685	0.16447	0.17552	0.28878	0.27543
133	UCART1	593407.59	4122919.92	593407.59, 4122919.92	0.11495	0.1719	0.19048	0.29041	0.30992
134	UCART1	593447.59	4122919.92	593447.59, 4122919.92	0.12353	0.18117	0.20563	0.28853	0.34478
135	UCART1	593487.59	4122919.92	593487.59, 4122919.92	0.13301	0.19416	0.22348	0.2836	0.37816
136	UCART1	593527.59	4122919.92	593527.59, 4122919.92	0.14213	0.21305	0.2453	0.27605	0.40727
137	UCART1	593567.59	4122919.92	593567.59, 4122919.92	0.15227	0.24	0.27312	0.26666	0.43176
138	UCART1	593607.59	4122919.92	593607.59, 4122919.92	0.16312	0.27352	0.30729	0.25538	0.44985
139	UCART1	593647.59	4122919.92	593647.59, 4122919.92	0.17673	0.31075	0.35023	0.24309	0.46295
140	UCART1	593687.59	4122919.92	593687.59, 4122919.92	0.19308	0.34725	0.39854	0.23013	0.47083
141	UCART1	593727.59	4122919.92	593727.59, 4122919.92	0.21242	0.37925	0.44635	0.21676	0.47325
142	UCART1	593767.59	4122919.92	593767.59, 4122919.92	0.23493	0.4043	0.48849	0.20331	0.47094
143	UCART1	593807.59	4122919.92	593807.59, 4122919.92	0.25943	0.42077	0.51954	0.19	0.46387
144	UCART1	593847.59	4122919.92	593847.59, 4122919.92	0.28491	0.42824	0.53733	0.17706	0.45263
145	UCART1	593887.59	4122919.92	593887.59, 4122919.92	0.30965	0.42693	0.54134	0.16466	0.43761
146	UCART1	593927.59	4122919.92	593927.59, 4122919.92	0.33151	0.41761	0.53242	0.15289	0.41912
147	UCART1	593967.59	4122919.92	593967.59, 4122919.92	0.34865	0.40151	0.5127	0.14187	0.39769
148	UCART1	594007.59	4122919.92	594007.59, 4122919.92	0.35955	0.38003	0.48457	0.13145	0.37372
149	UCART1	592567.59	4122959.92	592567.59, 4122959.92	0.03033	0.04112	0.03756	0.0825	0.04881
150	UCART1	592607.59	4122959.92	592607.59, 4122959.92	0.03154	0.04344	0.03938	0.08806	0.05198
151	UCART1	592647.59	4122959.92	592647.59, 4122959.92	0.03298	0.04632	0.04152	0.09729	0.05585
152	UCART1	592687.59	4122959.92	592687.59, 4122959.92	0.03457	0.04957	0.04393	0.10603	0.06023
153	UCART1	592727.59	4122959.92	592727.59, 4122959.92	0.03638	0.05342	0.04671	0.11557	0.06601
154	UCART1	592767.59	4122959.92	592767.59, 4122959.92	0.03827	0.05745	0.0497	0.12406	0.07181
155	UCART1	592807.59	4122959.92	592807.59, 4122959.92	0.04028	0.06176	0.05296	0.1319	0.07837
156	UCART1	592847.59	4122959.92	592847.59, 4122959.92	0.0428	0.06767	0.05703	0.14055	0.08904
157	UCART1	592887.59	4122959.92	592887.59, 4122959.92	0.04531	0.07349	0.06121	0.14981	0.09736
158	UCART1	592927.59	4122959.92	592927.59, 4122959.92	0.04848	0.08154	0.06648	0.16126	0.10752
159	UCART1	592967.59	4122959.92	592967.59, 4122959.92	0.05208	0.09056	0.07259	0.17593	0.11894
160	UCART1	593007.59	4122959.92	593007.59, 4122959.92	0.0564	0.09979	0.07983	0.19449	0.13144
161	UCART1	593047.59	4122959.92	593047.59, 4122959.92	0.06098	0.10928	0.08856	0.21666	0.14481
162	UCART1	593087.59	4122959.92	593087.59, 4122959.92	0.06491	0.11873	0.09608	0.24005	0.15859
163	UCART1	593127.59	4122959.92	593127.59, 4122959.92	0.07153	0.12983	0.11025	0.26624	0.17657
164	UCART1	593167.59	4122959.92	593167.59, 4122959.92	0.07995	0.14239	0.12679	0.29082	0.1978
165	UCART1	593207.59	4122959.92	593207.59, 4122959.92	0.08672	0.1553	0.14093	0.31063	0.21954
166	UCART1	593247.59	4122959.92	593247.59, 4122959.92	0.09713	0.17013	0.15961	0.32654	0.24888
167	UCART1	593287.59	4122959.92	593287.59, 4122959.92	0.10521	0.18292	0.17662	0.33676	0.28211
168	UCART1	593327.59	4122959.92	593327.59, 4122959.92	0.11612	0.19445	0.19902	0.34228	0.32532
169	UCART1	593367.59	4122959.92	593367.59, 4122959.92	0.12463	0.20271	0.2166	0.34216	0.36999
170	UCART1	593407.59	4122959.92	593407.59, 4122959.92	0.13591	0.21388	0.23891	0.33803	0.41874
171	UCART1	593447.59	4122959.92	593447.59, 4122959.92	0.14673	0.22803	0.26001	0.32988	0.4637
172	UCART1	593487.59	4122959.92	593487.59, 4122959.92	0.15938	0.25043	0.28754	0.31888	0.50442
173	UCART1	593527.59	4122959.92	593527.59, 4122959.92	0.17131	0.28229	0.31909	0.3053	0.5357
174	UCART1	593567.59	4122959.92	593567.59, 4122959.92	0.18638	0.32646	0.36446	0.29054	0.56051
175	UCART1	593607.59	4122959.92	593607.59, 4122959.92	0.20152	0.37571	0.41716	0.27418	0.57443
176	UCART1	593647.59	4122959.92	593647.59, 4122959.92	0.22039	0.42465	0.47996	0.25737	0.58137
177	UCART1	593687.59	4122959.92	593687.59, 4122959.92	0.24393	0.46731	0.54669	0.24052	0.58251
178	UCART1	593727.59	4122959.92	593727.59, 4122959.92	0.2724	0.49953	0.60704	0.2239	0.5778
179	UCART1	593767.59	4122959.92	593767.59, 4122959.92	0.30488	0.51867	0.65206	0.20774	0.56744
180	UCART1	593807.59	4122959.92	593807.59, 4122959.92	0.33855	0.5239	0.67563	0.19217	0.55114
181	UCART1	593847.59	4122959.92	593847.59, 4122959.92	0.37157	0.51656	0.67812	0.17756	0.53
182	UCART1	593887.59	4122959.92	593887.59, 4122959.92	0.39992	0.49827	0.66075	0.1637	0.50381
183	UCART1	593927.59	4122959.92	593927.59, 4122959.92	0.42125	0.47157	0.6279	0.15078	0.47363
184	UCART1	593967.59	4122959.92	593967.59, 4122959.92	0.43464	0.43935	0.58506	0.13884	0.44111
185	UCART1	594007.59	4122959.92	594007.59, 4122959.92	0.43865	0.40372	0.53588	0.12783	0.40671
186	UCART1	592567.59	4122999.92	592567.59, 4122999.92	0.03263	0.04515	0.04057	0.09874	0.05625
187	UCART1	592607.59	4122999.92	592607.59, 4122999.92	0.03358	0.0466	0.04228	0.1034	0.05673
188	UCART1	592647.59	4122999.92	592647.59, 4122999.92	0.03514	0.04973	0.04467	0.11339	0.06113
189	UCART1	592687.59	4122999.92	592687.59, 4122999.92	0.03691	0.05341	0.0474	0.12478	0.06647
190	UCART1	592727.59	4122999.92	592727.59, 4122999.92	0.03895	0.05781	0.05056	0.13688	0.07331
191	UCART1	592767.59	4122999.92	592767.59, 4122999.92	0.04114	0.06268	0.05407	0.1485	0.08164
192	UCART1	592807.59	4122999.92	592807.59, 4122999.92	0.04351	0.06803	0.05796	0.15948	0.09124
193	UCART1	592847.59	4122999.92	592847.59, 4122999.92	0.04628	0.0747	0.06257	0.17175	0.10127
194	UCART1	592887.59	4122999.92	592887.59, 4122999.92	0.04933	0.08227	0.06777	0.1851	0.11213
195	UCART1	592927.59	4122999.92	592927.59, 4122999.92	0.05286	0.09134	0.07386	0.20218	0.12496
196	UCART1	592967.59	4122999.92	592967.59, 4122999.92	0.05681	0.10151	0.08087	0.2245	0.13949
197	UCART1	593007.59	4122999.92	593007.59, 4122999.92	0.06174	0.11287	0.08938	0.25278	0.15602
198	UCART1	593047.59	4122999.92	593047.59, 4122999.92	0.06694	0.12529	0.09949	0.28502	0.17443
199	UCART1	593087.59	4122999.92	593087.59, 4122999.92	0.07172	0.13822	0.10874	0.31657	0.19393
200	UCART1	593127.59	4122999.92	593127.59, 4122999.92	0.08058	0.15396	0.12778	0.34985	0.22089
201	UCART1	593167.59	4122999.92	593167.59, 4122999.92	0.09082	0.1708	0.14795	0.37663	0.25093
202	UCART1	593207.59	4122999.92	593207.59, 4122999.92	0.09989	0.1886	0.16718	0.39534	0.28472
203	UCART1	593247.59	4122999.92	593247.59, 4122999.92	0.11188	0.20941	0.1939	0.40728	0.33074
204	UCART1	593287.59	4122999.92	593287.59, 4122999.92	0.12235	0.22786	0.21815	0.41126	0.38454
205	UCART1	593327.59	4122999.92	593327.59, 4122999.92	0.13642	0.24495	0.24923	0.40926	0.45175
206	UCART1	593367.59	4122999.92	593367.59, 4122999.92	0.14835	0.25776	0.27475	0.40081	0.5184
207	UCART1	593407.59	4122999.92	593407.59, 4122999.92	0.16408	0.2759	0.30853	0.38824	0.58544
208	UCART1	593447.59	4122999.92	593447.59, 4122999.92	0.1781	0.29994	0.33985	0.37168	0.64018
209	UCART1	593487.59	4122999.92	593487.59, 4122999.92	0.19513	0.3406	0.38386	0.353	0.68513
210	UCART1	593527.59	4122999.92	593527.59, 4122999.92	0.21237	0.39679	0.43649	0.33254	0.71446
211	UCART1	593567.59	4122999.92	593567.59, 4122999.92	0.23432	0.46559	0.51124	0.31136	0.73438
212	UCART1	593607.59	4122999.92	593607.59, 4122999.92	0.25777	0.53385	0.59707	0.28962	0.74037
213	UCART1	593647.59	4122999.92	593647.59, 4122999.92	0.28643	0.592	0.68993	0.26819	0.73731
214	UCART1	593687.59	4122999.92	593687.59, 4122999.92	0.32192	0.633	0.77625	0.24744	0.72711
215	UCART1	593727.59	4122999.92	593727.59, 4122999.92	0.36444	0.65336	0.84147	0.22766	0.71083
216	UCART1	593767.59	4122999.92	593767.59, 4122999.92	0.41014	0.65266	0.87399	0.20906	0.68755
217	UCART1	593807.59	4122999.92	593807.59, 4122999.92	0.45471	0.63357	0.87165	0.19152	0.65688
218	UCART1	593847.59	4122999.92	593847.59, 4122999.92	0.49332	0.60049	0.83949	0.17526	0.61961
219	UCART1	593887.59	4122999.92	593887.59, 4122999.92	0.52109	0.55761	0.78477	0.16026	0.57646
220	UCART1	593927.59	4122999.92	593927.59, 4122999.92	0.53611	0.50944	0.71678	0.14653	0.52989
221	UCART1	593967.59	4122999.92	593967.59, 4122999.92	0.53901	0.4598	0.64386	0.13409	0.48277
222	UCART1	594007.59	4122999.92	594007.59, 4122999.92	0.52933	0.41063	0.57042	0.12278	0.43554
223	UCART1	592567.59	4123039.92	592567.59, 4123039.92	0.03476	0.04884	0.04335	0.11409	0.06097
224	UCART1	592607.59	4123039.92	592607.59, 4123039.92	0.03584	0.05029	0.04534	0.12288	0.06277
225	UCART1	592647.59	4123039.92	592647.59, 4123039.92	0.03747	0.05352	0.04799	0.13399	0.06724
226	UCART1	592687.59	4123039.92	592687.59, 4123039.92	0.03946	0.05767	0.05114	0.14929	0.07357
227	UCART1	592727.59	4123039.92	592727.59, 4123039.92	0.04173	0.06264	0.05475	0.16577	0.08167
228	UCART1	592767.59	4123039.92	592767.59, 4123039.92	0.04431	0.06859	0.05891	0.18194	0.09344
229	UCART1	592807.59	4123039.92	592807.59, 4123039.92	0.04712	0.0752	0.06357	0.19841	0.10386
230	UCART1	592847.59	4123039.92	592847.59, 4123039.92	0.05023	0.08281	0.06889	0.21542	0.11581
231	UCART1	592887.59	4123039.92	592887.59, 4123039.92	0.05371	0.09166	0.07499	0.23583	0.12983
232	UCART1	592927.59	4123039.92	592927.59, 4123039.92	0.05777	0.10247	0.08225	0.26344	0.14648
233	UCART1	592967.59	4123039.92	592967.59, 4123039.92	0.06241	0.11476	0.09069	0.29971	0.16588
234	UCART1	593007.59	4123039.92	593007.59, 4123039.92	0.06824	0.12888	0.10147	0.34374	0.18887
235	UCART1	593047.59	4123039.92	593047.59, 4123039.92	0.0746	0.14499	0.11364	0.38931	0.21559
236	UCART1	593087.59	4123039.92	593087.59, 4123039.92	0.08031	0.16278	0.12592	0.42918	0.2443
237	UCART1	593127.59	4123039.92	593127.59, 4123039.92	0.0914	0.18522	0.14925	0.466	0.28483
238	UCART1	593167.59	4123039.92	593167.59, 4123039.92	0.10398	0.20928	0.17505	0.49011	0.33119
239	UCART1	593207.59	4123039.92	593207.59, 4123039.92	0.11587	0.2354	0.20304	0.50203	0.38823
240	UCART1	593247.59	4123039.92	593247.59, 4123039.92	0.12981	0.26506	0.23795	0.50379	0.46442
241	UCART1	593287.59	4123039.92	593287.59, 4123039.92	0.14336	0.29261	0.27253	0.49608	0.55566
242	UCART1	593327.59	4123039.92	593327.59, 4123039.92	0.16214	0.31918	0.31824	0.48205	0.66171
243	UCART1	593367.59	4123039.92	593367.59, 4123039.92	0.17851	0.3399	0.36004	0.46164	0.75785
244	UCART1	593407.59	4123039.92	593407.59, 4123039.92	0.19956	0.37161	0.41186	0.43793	0.84224
245	UCART1	593447.59	4123039.92	593447.59, 4123039.92	0.21992	0.41846	0.46356	0.41109	0.9012
246	UCART1	593487.59	4123039.92	593487.59, 4123039.92	0.24514	0.49569	0.53776	0.38365	0.94303
247	UCART1	593527.59	4123039.92	593527.59, 4123039.92	0.27146	0.59253	0.63134	0.35514	0.96234
248	UCART1	593567.59	4123039.92	593567.59, 4123039.92	0.30453	0.69285	0.75835	0.32735	0.97037
249	UCART1	593607.59	4123039.92	593607.59, 4123039.92	0.34068	0.77414	0.89285	0.30003	0.96064
250	UCART1	593647.59	4123039.92	593647.59, 4123039.92	0.38604	0.8256	1.02222	0.27413	0.94198
251	UCART1	593687.59	4123039.92	593687.59, 4123039.92	0.44132	0.84221	1.11869	0.24979	0.91528
252	UCART1	593727.59	4123039.92	593727.59, 4123039.92	0.50387	0.82655	1.16289	0.2273	0.88033
253	UCART1	593767.59	4123039.92	593767.59, 4123039.92	0.56707	0.78591	1.15131	0.20648	0.83606
254	UCART1	593807.59	4123039.92	593807.59, 4123039.92	0.62163	0.72853	1.09206	0.18745	0.78157
255	UCART1	593847.59	4123039.92	593847.59, 4123039.92	0.66037	0.66217	1.00114	0.17018	0.71926
256	UCART1	593887.59	4123039.92	593887.59, 4123039.92	0.67837	0.5921	0.89301	0.1545	0.65177
257	UCART1	593927.59	4123039.92	593927.59, 4123039.92	0.67656	0.52325	0.78156	0.1404	0.58371
258	UCART1	593967.59	4123039.92	593967.59, 4123039.92	0.65846	0.45879	0.67601	0.12781	0.51849
259	UCART1	594007.59	4123039.92	594007.59, 4123039.92	0.62619	0.39952	0.57961	0.11651	0.45682
260	UCART1	592567.59	4123079.92	592567.59, 4123079.92	0.03696	0.05199	0.04607	0.13259	0.06586
261	UCART1	592607.59	4123079.92	592607.59, 4123079.92	0.03841	0.05505	0.04866	0.14721	0.07125
262	UCART1	592647.59	4123079.92	592647.59, 4123079.92	0.03999	0.05779	0.05142	0.1619	0.07456
263	UCART1	592687.59	4123079.92	592687.59, 4123079.92	0.04223	0.06248	0.05505	0.18233	0.08227
264	UCART1	592727.59	4123079.92	592727.59, 4123079.92	0.04477	0.06806	0.0592	0.20521	0.09225
265	UCART1	592767.59	4123079.92	592767.59, 4123079.92	0.04768	0.07484	0.064	0.2289	0.10492
266	UCART1	592807.59	4123079.92	592807.59, 4123079.92	0.05092	0.08269	0.06949	0.2535	0.11791
267	UCART1	592847.59	4123079.92	592847.59, 4123079.92	0.05454	0.09177	0.07579	0.28006	0.13324

124	7.37E-05	1.17E-04	8.52E-05	3.71E-06	6.93E-06	4.73E-07	8.84E-07	1.78E-06	3.33E-06	8.43E-05	1.18E-04	9.03E-05	2.93E-04
125	7.95E-05	1.26E-04	9.39E-05	4.10E-06	7.55E-06	5.23E-07	9.63E-07	1.97E-06	3.63E-06	9.12E-05	1.27E-04	9.95E-05	3.18E-04
126	8.61E-05	1.36E-04	1.05E-04	4.53E-06	8.22E-06	5.77E-07	1.05E-06	2.18E-06	3.95E-06	9.88E-05	1.38E-04	1.11E-04	3.47E-04
127	9.53E-05	1.48E-04	1.20E-04	4.97E-06	9.14E-06	6.34E-07	1.17E-06	2.39E-06	4.39E-06	1.09E-04	1.50E-04	1.26E-04	3.85E-04
128	1.02E-04	1.59E-04	1.31E-04	5.36E-06	9.96E-06	6.84E-07	1.27E-06	2.58E-06	4.79E-06	1.17E-04	1.61E-04	1.38E-04	4.16E-04
129	1.14E-04	1.73E-04	1.47E-04	5.73E-06	1.11E-05	7.31E-07	1.41E-06	2.75E-06	5.33E-06	1.31E-04	1.75E-04	1.55E-04	4.60E-04
130	1.23E-04	1.84E-04	1.61E-04	6.01E-06	1.23E-05	7.66E-07	1.57E-06	2.89E-06	5.92E-06	1.41E-04	1.86E-04	1.70E-04	4.97E-04
131	1.34E-04	1.94E-04	1.79E-04	6.21E-06	1.39E-05	7.93E-07	1.78E-06	2.99E-06	6.71E-06	1.55E-04	1.96E-04	1.88E-04	5.39E-04
132	1.44E-04	2.01E-04	1.93E-04	6.33E-06	1.57E-05	8.07E-07	2.00E-06	3.04E-06	7.55E-06	1.66E-04	2.04E-04	2.04E-04	5.74E-04
133	1.55E-04	2.10E-04	2.10E-04	6.36E-06	1.77E-05	8.12E-07	2.25E-06	3.06E-06	8.49E-06	1.79E-04	2.13E-04	2.21E-04	6.14E-04
134	1.67E-04	2.22E-04	2.26E-04	6.32E-06	1.97E-05	8.06E-07	2.51E-06	3.04E-06	9.45E-06	1.93E-04	2.25E-04	2.39E-04	6.57E-04
135	1.79E-04	2.38E-04	2.46E-04	6.21E-06	2.16E-05	7.93E-07	2.75E-06	2.99E-06	1.04E-05	2.07E-04	2.41E-04	2.60E-04	7.08E-04
136	1.92E-04	2.61E-04	2.70E-04	6.05E-06	2.32E-05	7.72E-07	2.96E-06	2.91E-06	1.12E-05	2.21E-04	2.64E-04	2.84E-04	7.70E-04
137	2.05E-04	2.94E-04	3.01E-04	5.84E-06	2.46E-05	7.45E-07	3.14E-06	2.81E-06	1.18E-05	2.36E-04	2.97E-04	3.15E-04	8.49E-04
138	2.20E-04	3.35E-04	3.38E-04	5.60E-06	2.56E-05	7.14E-07	3.27E-06	2.69E-06	1.23E-05	2.51E-04	3.39E-04	3.53E-04	9.43E-04
139	2.38E-04	3.80E-04	3.86E-04	5.33E-06	2.64E-05	6.79E-07	3.37E-06	2.56E-06	1.27E-05	2.70E-04	3.84E-04	4.01E-04	1.06E-03
140	2.60E-04	4.25E-04	4.39E-04	5.04E-06	2.68E-05	6.43E-07	3.42E-06	2.42E-06	1.29E-05	2.92E-04	4.29E-04	4.54E-04	1.18E-03
141	2.86E-04	4.64E-04	4.92E-04	4.75E-06	2.70E-05	6.06E-07	3.44E-06	2.28E-06	1.30E-05	3.18E-04	4.68E-04	5.07E-04	1.29E-03
142	3.17E-04	4.95E-04	5.38E-04	4.46E-06	2.68E-05	5.68E-07	3.42E-06	2.14E-06	1.29E-05	3.48E-04	4.99E-04	5.53E-04	1.40E-03
143	3.50E-04	5.15E-04	5.72E-04	4.16E-06	2.64E-05	5.31E-07	3.37E-06	2.00E-06	1.27E-05	3.80E-04	5.19E-04	5.87E-04	1.49E-03
144	3.84E-04	5.24E-04	5.92E-04	3.88E-06	2.58E-05	4.95E-07	3.29E-06	1.87E-06	1.24E-05	4.14E-04	5.28E-04	6.06E-04	1.55E-03
145	4.18E-04	5.22E-04	5.96E-04	3.61E-06	2.49E-05	4.60E-07	3.18E-06	1.73E-06	1.20E-05	4.46E-04	5.26E-04	6.10E-04	1.58E-03
146	4.47E-04	5.11E-04	5.86E-04	3.35E-06	2.39E-05	4.27E-07	3.05E-06	1.61E-06	1.15E-05	4.74E-04	5.14E-04	6.00E-04	1.59E-03
147	4.70E-04	4.91E-04	5.65E-04	3.11E-06	2.27E-05	3.97E-07	2.89E-06	1.49E-06	1.09E-05	4.96E-04	4.94E-04	5.77E-04	1.57E-03
148	4.85E-04	4.65E-04	5.34E-04	2.88E-06	2.13E-05	3.67E-07	2.72E-06	1.38E-06	1.02E-05	5.09E-04	4.68E-04	5.45E-04	1.52E-03
149	4.09E-05	5.03E-05	4.14E-05	1.81E-06	2.78E-06	2.31E-07	3.55E-07	8.69E-07	1.34E-06	4.55E-05	5.09E-05	4.36E-05	1.40E-04
150	4.25E-05	5.31E-05	4.34E-05	1.93E-06	2.96E-06	2.46E-07	3.78E-07	9.28E-07	1.42E-06	4.74E-05	5.38E-05	4.57E-05	1.47E-04
151	4.45E-05	5.67E-05	4.57E-05	2.13E-06	3.18E-06	2.72E-07	4.06E-07	1.03E-06	1.53E-06	4.98E-05	5.73E-05	4.83E-05	1.55E-04
152	4.66E-05	6.06E-05	4.84E-05	2.32E-06	3.43E-06	2.96E-07	4.38E-07	1.12E-06	1.65E-06	5.24E-05	6.14E-05	5.12E-05	1.65E-04
153	4.91E-05	6.54E-05	5.14E-05	2.53E-06	3.76E-06	3.23E-07	4.80E-07	1.22E-06	1.81E-06	5.54E-05	6.62E-05	5.45E-05	1.76E-04
154	5.16E-05	7.03E-05	5.47E-05	2.72E-06	4.09E-06	3.47E-07	5.22E-07	1.31E-06	1.97E-06	5.84E-05	7.12E-05	5.80E-05	1.88E-04
155	5.43E-05	7.56E-05	5.83E-05	2.89E-06	4.47E-06	3.69E-07	5.70E-07	1.39E-06	2.15E-06	6.17E-05	7.65E-05	6.19E-05	2.00E-04
156	5.77E-05	8.28E-05	6.28E-05	3.08E-06	5.08E-06	3.93E-07	6.47E-07	1.48E-06	2.44E-06	6.59E-05	8.38E-05	6.67E-05	2.16E-04
157	6.11E-05	8.99E-05	6.74E-05	3.28E-06	5.55E-06	4.19E-07	7.08E-07	1.58E-06	2.67E-06	6.99E-05	9.10E-05	7.17E-05	2.33E-04
158	6.54E-05	9.98E-05	7.32E-05	3.53E-06	6.13E-06	4.51E-07	7.82E-07	1.70E-06	2.95E-06	7.50E-05	1.01E-04	7.79E-05	2.54E-04
159	7.02E-05	1.11E-04	8.00E-05	3.86E-06	6.78E-06	4.92E-07	8.65E-07	1.85E-06	3.26E-06	8.09E-05	1.12E-04	8.51E-05	2.78E-04
160	7.61E-05	1.22E-04	8.79E-05	4.26E-06	7.49E-06	5.44E-07	9.56E-07	2.05E-06	3.60E-06	8.78E-05	1.24E-04	9.36E-05	3.05E-04
161	8.22E-05	1.34E-04	9.75E-05	4.75E-06	8.25E-06	6.06E-07	1.05E-06	2.28E-06	3.97E-06	9.52E-05	1.35E-04	1.04E-04	3.34E-04
162	8.75E-05	1.45E-04	1.06E-04	5.26E-06	9.04E-06	6.71E-07	1.15E-06	2.53E-06	4.35E-06	1.02E-04	1.47E-04	1.13E-04	3.62E-04
163	9.65E-05	1.59E-04	1.21E-04	5.83E-06	1.01E-05	7.44E-07	1.28E-06	2.81E-06	4.84E-06	1.12E-04	1.61E-04	1.29E-04	4.02E-04
164	1.08E-04	1.74E-04	1.40E-04	6.37E-06	1.13E-05	8.13E-07	1.44E-06	3.06E-06	5.42E-06	1.25E-04	1.76E-04	1.48E-04	4.50E-04
165	1.17E-04	1.90E-04	1.55E-04	6.81E-06	1.25E-05	8.68E-07	1.60E-06	3.27E-06	6.02E-06	1.36E-04	1.92E-04	1.65E-04	4.93E-04
166	1.31E-04	2.08E-04	1.76E-04	7.16E-06	1.42E-05	9.13E-07	1.81E-06	3.44E-06	6.82E-06	1.52E-04	2.11E-04	1.86E-04	5.49E-04
167	1.42E-04	2.24E-04	1.95E-04	7.38E-06	1.61E-05	9.41E-07	2.05E-06	3.55E-06	7.73E-06	1.65E-04	2.27E-04	2.06E-04	5.98E-04
168	1.57E-04	2.38E-04	2.19E-04	7.50E-06	1.85E-05	9.57E-07	2.37E-06	3.61E-06	8.91E-06	1.83E-04	2.41E-04	2.32E-04	6.56E-04
169	1.68E-04	2.48E-04	2.39E-04	7.50E-06	2.11E-05	9.56E-07	2.69E-06	3.60E-06	1.01E-05	1.97E-04	2.52E-04	2.52E-04	7.01E-04
170	1.83E-04	2.62E-04	2.63E-04	7.41E-06	2.39E-05	9.45E-07	3.04E-06	3.56E-06	1.15E-05	2.15E-04	2.66E-04	2.78E-04	7.58E-04
171	1.98E-04	2.79E-04	2.86E-04	7.23E-06	2.64E-05	9.22E-07	3.37E-06	3.48E-06	1.27E-05	2.32E-04	2.83E-04	3.03E-04	8.17E-04
172	2.15E-04	3.06E-04	3.17E-04	6.99E-06	2.88E-05	8.91E-07	3.67E-06	3.36E-06	1.38E-05	2.51E-04	3.11E-04	3.34E-04	8.96E-04
173	2.31E-04	3.45E-04	3.51E-04	6.69E-06	3.05E-05	8.53E-07	3.89E-06	3.22E-06	1.47E-05	2.68E-04	3.50E-04	3.69E-04	9.88E-04
174	2.51E-04	3.99E-04	4.01E-04	6.37E-06	3.19E-05	8.12E-07	4.08E-06	3.06E-06	1.54E-05	2.90E-04	4.04E-04	4.20E-04	1.11E-03
175	2.72E-04	4.60E-04	4.59E-04	6.01E-06	3.27E-05	7.66E-07	4.18E-06	2.89E-06	1.57E-05	3.11E-04	4.65E-04	4.78E-04	1.25E-03
176	2.97E-04	5.20E-04	5.29E-04	5.64E-06	3.31E-05	7.19E-07	4.23E-06	2.71E-06	1.59E-05	3.36E-04	5.24E-04	5.47E-04	1.41E-03
177	3.29E-04	5.72E-04	6.02E-04	5.27E-06	3.32E-05	6.72E-07	4.24E-06	2.53E-06	1.60E-05	3.67E-04	5.77E-04	6.21E-04	1.56E-03
178	3.67E-04	6.11E-04	6.69E-04	4.91E-06	3.29E-05	6.26E-07	4.20E-06	2.36E-06	1.58E-05	4.05E-04	6.16E-04	6.87E-04	1.71E-03
179	4.11E-04	6.35E-04	7.18E-04	4.55E-06	3.23E-05	5.81E-07	4.13E-06	2.19E-06	1.55E-05	4.48E-04	6.39E-04	7.36E-04	1.82E-03
180	4.57E-04	6.41E-04	7.44E-04	4.21E-06	3.14E-05	5.37E-07	4.01E-06	2.02E-06	1.51E-05	4.92E-04	6.45E-04	7.61E-04	1.90E-03
181	5.01E-04	6.32E-04	7.47E-04	3.89E-06	3.02E-05	4.96E-07	3.85E-06	1.87E-06	1.45E-05	5.35E-04	6.36E-04	7.63E-04	1.93E-03
182	5.39E-04	6.10E-04	7.28E-04	3.59E-06	2.87E-05	4.58E-07	3.66E-06	1.72E-06	1.38E-05	5.72E-04	6.14E-04	7.43E-04	1.93E-03
183	5.68E-04	5.77E-04	6.92E-04	3.30E-06	2.70E-05	4.21E-07	3.44E-06	1.59E-06	1.30E-05	5.98E-04	5.81E-04	7.06E-04	1.89E-03
184	5.86E-04	5.37E-04	6.44E-04	3.04E-06	2.51E-05	3.88E-07	3.21E-06	1.46E-06	1.21E-05	6.14E-04	5.41E-04	6.58E-04	1.81E-03
185	5.92E-04	4.94E-04	5.90E-04	2.80E-06	2.32E-05	3.57E-07	2.96E-06	1.35E-06	1.11E-05	6.18E-04	4.97E-04	6.03E-04	1.72E-03
186	4.40E-05	5.52E-05	4.47E-05	2.16E-06	3.21E-06	2.76E-07	4.09E-07	1.04E-06	1.54E-06	4.94E-05	5.59E-05	4.73E-05	1.53E-04
187	4.53E-05	5.70E-05	4.66E-05	2.27E-06	3.23E-06	2.89E-07	4.12E-07	1.09E-06	1.55E-06	5.08E-05	5.77E-05	4.92E-05	1.58E-04
188	4.74E-05	6.08E-05	4.92E-05	2.48E-06	3.48E-06	3.17E-07	4.44E-07	1.19E-06	1.68E-06	5.34E-05	6.16E-05	5.21E-05	1.67E-04
189	4.98E-05	6.53E-05	5.22E-05	2.73E-06	3.79E-06	3.49E-07	4.83E-07	1.31E-06	1.82E-06	5.63E-05	6.62E-05	5.53E-05	1.78E-04
190	5.25E-05	7.07E-05	5.57E-05	3.00E-06	4.18E-06	3.83E-07	5.33E-07	1.44E-06	2.01E-06	5.97E-05	7.16E-05	5.91E-05	1.90E-04
191	5.55E-05	7.67E-05	5.96E-05	3.25E-06	4.65E-06	4.15E-07	5.94E-07	1.56E-06	2.24E-06	6.34E-05	7.77E-05	6.34E-05	2.04E-04
192	5.87E-05	8.32E-05	6.38E-05	3.49E-06	5.20E-06	4.46E-07	6.63E-07	1.68E-06	2.50E-06	6.74E-05	8.43E-05	6.80E-05	2.20E-04
193	6.24E-05	9.14E-05	6.89E-05	3.76E-06	5.77E-06	4.80E-07	7.36E-07	1.81E-06	2.78E-06	7.19E-05	9.26E-05	7.35E-05	2.38E-04
194	6.65E-05	1.01E-04	7.46E-05	4.06E-06	6.39E-06	5.17E-07	8.15E-07	1.95E-06	3.07E-06	7.70E-05	1.02E-04	7.97E-05	2.59E-04
195	7.13E-05	1.12E-04	8.14E-05	4.43E-06	7.12E-06	5.65E-07	9.08E-07	2.13E-06	3.42E-06	8.28E-05	1.13E-04	8.69E-05	2.83E-04
196	7.66E-05	1.24E-04	8.91E-05	4.92E-06	7.95E-06	6.28E-07	1.01E-06	2.37E-06	3.82E-06	8.95E-05	1.26E-04	9.53E-05	3.11E-04
197	8.33E-05	1.38E-04	9.84E-05	5.54E-06	8.89E-06	7.07E-07	1.13E-06	2.66E-06	4.28E-06	9.77E-05	1.40E-04	1.05E-04	3.43E-04
198	9.03E-05	1.53E-04	1.10E-04	6.25E-06	9.94E-06	7.97E-07	1.27E-06	3.00E-06	4.78E-06	1.06E-04	1.55E-04	1.17E-04	3.79E-04
199	9.67E-05	1.69E-04	1.20E-04	6.94E-06	1.11E-05	8.85E-07	1.41E-06	3.34E-06	5.31E-06	1.15E-04	1.71E-04	1.28E-04	4.15E-04
200	1.09E-04	1.88E-04	1.41E-04	7.67E-06	1.26E-05	9.78E-07	1.61E-06	3.69E-06	6.05E-06	1.29E-04	1.91E-04	1.50E-04	4.70E-04
201	1.22E-04	2.09E-04	1.63E-04	8.25E-06	1.43E-05	1.05E-06	1.82E-06	3.97E-06	6.88E-06	1.45E-04	2.12E-04	1.74E-04	5.31E-04
202	1.35E-04	2.31E-04	1.84E-04	8.66E-06	1.62E-05	1.11E-06	2.07E-06	4.17E-06	7.80E-06	1.60E-04	2.34E-04	1.96E-04	5.90E-04
203	1.51E-04	2.56E-04	2.14E-04	8.93E-06	1.89E-05	1.14E-06	2.40E-06	4.29E-06	9.06E-06	1.79E-04	2.60E-04	2.27E-04	6.65E-04
204	1.65E-04	2.79E-04	2.40E-04	9.01E-06	2.19E-05	1.15E-06	2.80E-06	4.33E-06	1.05E-05	1.96E-04	2.83E-04	2.55E-04	7.34E-04
205	1.84E-04	3.00E-04	2.75E-04	8.97E-06	2.57E-05	1.14E-06	3.28E-06	4.31E-06	1.24E-05	2.19E-04	3.04E-04	2.91E-04	8.14E-04
206	2.00E-04	3.15E-04	3.03E-04	8.78E-06	2.95E-05	1.12E-06	3.77E-06	4.22E-06	1.42E-05	2.38E-04	3.20E-04	3.21E-04	8.80E-04
207	2.21E-04	3.38E-04	3.40E-04	8.51E-06	3.34E-05	1.09E-06	4.26E-06	4.09E-06	1.60E-05	2.63E-04	3.43E-04	3.60E-04	9.66E-04
208	2.40E-04	3.67E-04	3.74E-04	8.15E-06	3.65E-05	1.04E-06	4.65E-06	3.92E-06	1.75E-05	2.85E-04	3.73E-04	3.96E-04	1.05E-03
209	2.63E-04	4.17E-04	4.23E-04	7.74E-06	3.91E-05	9.87E-07	4.98E-06	3.72E-06	1.88E-05	3.10E-04	4.23E-04	4.45E-04	1.18E-03
210	2.86E-04	4.85E-04	4.81E-04	7.29E-06	4.07E-05	9.30E-07	5.19E-06	3.50E-06	1.96E-05	3.34E-04	4.92E-04	5.04E-04	1.33E-03
211	3.16E-04	5.70E-04	5.63E-04	6.82E-06	4.19E-05	8.70E-07	5.34E-06	3.28E-06	2.01E-05	3.65E-04	5.76E-04	5.87E-04	1.53E-03
212	3.48E-04	6.53E-04	6.58E-04	6.35E-06	4.22E-05	8.10E-07	5.38E-06	3.05E-06	2.03E-05	3.96E-04	6.59E-04	6.81E-04	1.74E-03
213	3.86E-04	7.24E-04	7.60E-04	5.88E-06	4.20E-05	7.50E-07	5.36E-06	2.83E-06	2.02E-05	4.34E-04	7.30E-04	7.83E-04	1.95E-03
214	4.34E-04	7.74E-04	8.55E-04	5.42E-06	4.14E-05	6.92E-07	5.29E-06	2.61E-06	1.99E-05	4.81E-04	7.80E-04	8.78E-04	2.14E-03
215	4.91E-04	7.99E-04	9.27E-04	4.99E-06	4.05E-05	6.36E-07	5.17E-06	2.40E-06	1.95E-05	5.37E-04	8.05E-04	9.49E-04	2.29E-03
216	5.53E-04	7.98E-04	9.63E-04	4.58E-06	3.92E-05	5.84E-07	5.00E-06	2.20E-06	1.88E-05	5.97E-04	8.04E-04	9.84E-04	2.38E-03
217	6.13E-04	7.75E-04	9.60E-04	4.20E-06	3.74E-05	5.35E-07	4.78E-06	2.02E-06	1.80E-05	6.55E-04	7.80E-04	9.80E-04	2.42E-03
218	6.65E-04	7.35E-04	9.25E-04	3.84E-06	3.53E-05	4.90E-07	4.50E-06	1.85E-06	1.70E-05	7.04E-04	7.40E-04	9.44E-04	2.39E-03
219	7.03E-04	6.82E-04	8.64E-04	3.51E-06	3.29E-05	4.48E-07	4.19E-06	1.69E-06	1.58E-05	7.39E-04	6.87E-04	8.82E-04	2.31E-03
220	7.23E-04	6.23E-04	7.90E-04	3.21E-06	3.02E-05	4.10E-07	3.85E-06	1.54E-06	1.45E-05	7.56E-04	6.27E-04	8.06E-04	2.19E-03
221	7.27E-04	5.63E-04	7.09E-04	2.94E-06	2.75E-05	3.75E-07	3.51E-06	1.41E-06	1.32E-05	7.57E-04	5.66E-04	7.24E-04	2.05E-03
222	7.14E-04	5.02E-04	6.28E-04	2.69E-06	2.48E-05	3.43E-07	3.17E-06	1.29E-06	1.19E-05	7.41E-04	5.06E-04	6.42E-04	1.89E-03
223	4.69E-05	5.97E-05	4.77E-05	2.50E-06	3.48E-06	3.19E-07	4.43E-07	1.20E-06	1.67E-06	5.29E-05	6.05E-05	5.06E-05	1.64E-04
224	4.83E-05	6.15E-05	4.99E-05	2.69E-06	3.58E-06	3.43E-07	4.56E-07	1.29E-06	1.72E-06	5.46E-05	6.23E-05	5.30E-05	1.70E-04
225	5.05E-05	6.55E-05	5.29E-05	2.94E-06	3.83E-06	3.75E-07	4.89E-07	1.41E-06	1.84E-06	5.73E-05	6.63E-05	5.61E-05	1.80E-04
226	5.32E-05	7.06E-05	5.63E-05	3.27E-06	4.19E-06	4.17E-07	5.35E-07	1.57E-06	2.02E-06	6.07E-05	7.15E-05	5.99E-05	1.92E-04
227	5.63E-05	7.66E-05	6.03E-05	3.63E-06	4.66E-06	4.63E-07	5.94E-07	1.75E-06	2.24E-06	6.46E-05	7.77E-05	6.43E-05	2.07E-04
228	5.98E-05	8.39E-05	6.49E-05	3.99E-06	5.33E-06	5.09E-07	6.79E-07	1.92E-06	2.56E-06	6.91E-05	8.51E-05	6.94E-05	2.24E-04
229	6.35E-05	9.20E-05	7.00E-05	4.35E-06	5.92E-06	5.55E-07	7.55E-07	2.09E-06	2.85E-06	7.38E-05	9.33E-05	7.50E-05	2.42E-04
230	6.77E-05	1.01E-04	7.59E-05	4.72E-06	6.60E-06	6.02E-07	8.42E-07	2.27E-06	3.17E-06	7.91E-05	1.03E-04	8.13E-05	2.63E-04
231	7.24E-05	1.12E-04	8.26E-05	5.17E-06	7.40E-06	6.59E-07	9.44E-07	2.48E-06	3.56E-06	8.50E-05	1.14E-04	8.86E-05	2.87E-04
232	7.79E-05	1.25E-04	9.06E-05	5.77E-06	8.35E-06	7.36E-07	1.06E-06	2.78E-06	4.01E-06	9.20E-05	1.27E-04	9.74E-05	3.17E-04
233	8.42E-05	1.40E-04	9.99E-05	6.57E-06	9.46E-06	8.38E-07	1.21E-06	3.16E-06	4.55E-06	1.00E-04	1.42E-04	1.08E-04	3.50E-04
234	9.20E-05	1.58E-04	1.12E-04	7.53E-06	1.08E-05	9.61E-07	1.37E-06	3.62E-06	5.18E-06	1.10E-04	1.60E-04	1.21E-04	3.91E-04
235	1.01E-04	1.77E-04	1.25E-04	8.53E-06	1.23E-05	1.09E-06	1.57E-06	4.10E-06	5.91E-06	1.21E-04	1.80E-04	1.35E-04	4.37E-04
236	1.08E-04	1.99E-04	1.39E-04	9.41E-06	1.39E-05	1.20E-06	1.78E-06	4.52E-06	6.69E-06	1.32E-04	2.02E-04	1.50E-04	4.84E-04
237	1.23E-04	2.27E-04	1.64E-04	1.02E-05	1.62E-05	1.30E-06	2.07E-06	4.91E-06	7.81E-06	1.50E-04	2.30E-04	1.77E-04	5.57E-04
238	1.40E-04	2.56E-04	1.93E-04	1.07E-05	1.89E-05	1.37E-06	2.41E-06	5.16E-06	9.08E-06	1.70E-04	2.60E-04	2.07E-04	6.37E-04
239	1.56E-04	2.88E-04	2.24E-04	1.10E-05	2.21E-05	1.40E-06	2.82E-06	5.29E-06	1.06E-05	1.89E-04	2.92E-04	2.40E-04	7.21E-04
240	1.75E-04	3.24E-04	2.62E-04	1.10E-05	2.65E-05	1.41E-06	3.38E-06	5.31E-06	1.27E-05	2.13E-04	3.29E-04	2.80E-04	8.22E-04
241	1.93E-04	3.58E-04	3.00E-04	1.09E-05	3.17E-05	1.39E-06	4.04E-06	5.23E-06	1.52E-05	2.36E-04	3.63E-04	3.21E-04	9.20E-04
242	2.19E-04	3.90E-04	3.51E-04	1.06E-05	3.77E-05	1.35E-06	4.81E-06	5.08E-06	1.81E-05	2.67E-04	3.97E-04	3.74E-04	1.04E-03
243	2.41E-04	4.16E-04	3.97E-04	1.01E-05	4.32E-05	1.29E-06	5.51E-06	4.86E-06	2.08E-05	2.94E-04	4.23E-04	4.22E-04	1.14E-03
244	2.69E-04	4.55E-04	4.54E-04	9.60E-06	4.80E-05	1.22E-06	6.12E-06	4.61E-06	2.31E-05	3.27E-04	4.62E-04	4.81E-04	1.27E-03
245	2.97E-04	5.12E-04	5.11E-04	9.01E-06	5.14E-05	1.15E-06	6.55E-06	4.33E-06	2.47E-05	3.57E-04	5.20E-04	5.40E-04	1.42E-03
246	3.31E-04	6.06E-04	5.92E-04	8.41E-06	5.38E-05	1.07E-06	6.86E-06	4.04E-06	2.58E-05	3.93E-04	6.14E-04	6.22E-04	1.63E-03
247	3.66E-04	7.25E-04	6.95E-04	7.78E-06	5.49E-05	9.93E-07	7.00E-06	3.74E-06	2.64E-05	4.29E-04	7.33E-04	7.26E-04	1.89E-03
248	4.11E-04	8.48E-04	8.35E-04	7.17E-06	5.53E-05	9.15E-07	7.05E-06	3.45E-06	2.66E-05	4.73E-04	8.56E-04	8.65E-04	2.19E-03
249	4.59E-04	9.47E-04	9.83E-04	6.57E-06	5.48E-05	8.39E-07	6.98E-06	3.16E-06	2.63E-05	5.21E-04	9.55E-04	1.01E-03	2.49E-03
250	5.21E-04	1.01E-03	1.13E-03	6.01E-06	5.37E-05	7.66E-07	6.85E-06	2.89E-06	2.58E-05	5.80E-04	1.02E-03	1.15E-03	2.75E-03
251	5.95E-04	1.03E-03	1.23E-03	5.47E-06	5.22E-05	6.98E-07	6.65E-06	2.63E-06	2.51E-05	6.53E-04	1.04E-03	1.26E-03	2.95E-03
252	6.80E-04	1.01E-03	1.28E-03	4.98E-06	5.02E-05	6.35E-07	6.40E-06	2.39E-06	2.41E-05	7.35E-04	1.02E-03	1.31E-03	3.06E-03
253	7.65E-04	9.61E-04	1.27E-03	4.52E-06	4.77E-05	5.77E-07	6.08E-06	2.18E-06	2.29E-05	8.17E-04	9.68E-04	1.29E-03	3.08E-03
254	8.38E-04	8.91E-04	1.20E-03	4.11E-06	4.45E-05	5.24E-07	5.68E-06	1.97E-06	2.14E-05	8.87E-04	8.97E-04	1.23E-03	3.01E-03
255	8.91E-04	8.10E-04	1.10E-03	3.73E-06	4.10E-05	4.76E-07	5.23E-06	1.79E-06	1.97E-05	9.35E-04	8.16E-04	1.12E-03	2.88E-03
256	9.15E-04	7.24E-04	9.84E-04	3.39E-06	3.72E-05	4.32E-07	4.74E-06	1.63E-06	1.79E-05	9.55E-04	7.30E-04	1.00E-03	2.69E-03
257	9.12E-04	6.40E-04	8.61E-04	3.08E-06	3.33E-05	3.92E-07	4.24E-06	1.48E-06	1.60E-05	9.49E-04	6.45E-04	8.78E-04	2.47E-03
258	8.88E-04	5.61E-04	7.45E-04	2.80E-06	2.96E-05	3.57E-07	3.77E-06	1.35E-06	1.42E-05	9.20E-04	5.65E-04	7.60E-04	2.25E-03
259	8.44E-04	4.89E-04	6.38E-04	2.55E-06	2.60E-05	3.26E-07	3.32E-06	1.23E-06	1.25E-05	8.73E-04	4.92E-04	6.52E-04	2.02E-03
260	4.98E-05	6.36E-05	5.07E-05	2.91E-06	3.75E-06	3.71E-07	4.79E-07	1.40E-06	1.80E-06	5.65E-05	6.45E-05	5.39E-05	1.75E-04
261	5.18E-05	6.73E-05	5.36E-05	3.23E-06	4.06E-06	4.11E-07	5.18E-07	1.55E-06	1.95E-06	5.91E-05	6.83E-05	5.71E-05	1.84E-04
262	5.39E-05	7.07E-05	5.66E-05	3.55E-06	4.25E-06	4.53E-07	5.42E-07	1.71E-06	2.04E-06	6.17E-05	7.17E-05	6.04E-05	1.94E-04
263	5.70E-05	7.64E-05	6.06E-05	4.00E-06	4.69E-06	5.10E-07	5.98E-07	1.92E-06	2.25E-06	6.56E-05	7.75E-05	6.48E-05	2.08E-04
264	6.04E-05	8.33E-05	6.52E-05	4.50E-06	5.26E-06	5.74E-07	6.71E-07	2.16E-06	2.53E-06	7.01E-05	8.45E-05	6.99E-05	2.25E-04
265	6.43E-05	9.16E-05	7.05E-05	5.02E-06	5.98E-06	6.40E-07	7.63E-07	2.41E-06	2.88E-06	7.53E-05	9.30E-05	7.58E-05	2.44E-04
266	6.87E-05	1.01E-04	7.65E-05	5.56E-06	6.72E-06	7.09E-07	8.57E-07	2.67E-06	3.23E-06	8.09E-05	1.03E-04	8.24E-05	2.66E-04
267	7.36E-05	1.12E-04	8.35E-05	6.14E-06	7.59E-06	7.83E-07	9.69E-07	2.95E-06	3.65E-06	8.73E-05	1.14E-04	9.01E-05	2.91E-04

124	2.9E-08	8.8E-08	5.1E-08	7.1E-08	5.5E-08	5.0E-08	2.3E-08	9.7E-10	2.4E-08	6.5E-09	4.8E-09	2.3E-09	2.0E-09	0.0E+00	4.0E-08
125	3.2E-08	9.5E-08	5.5E-08	7.7E-08	6.0E-08	5.5E-08	2.5E-08	1.1E-09	2.5E-08	7.0E-09	5.2E-09	2.6E-09	2.2E-09	0.0E+00	4.3E-08
126	3.4E-08	1.0E-07	6.0E-08	8.3E-08	6.7E-08	6.1E-08	2.8E-08	1.1E-09	2.8E-08	7.6E-09	5.6E-09	2.8E-09	2.4E-09	0.0E+00	4.7E-08
127	3.8E-08	1.1E-07	6.6E-08	9.0E-08	7.6E-08	6.9E-08	3.2E-08	1.3E-09	3.1E-08	8.4E-09	6.1E-09	3.2E-09	2.8E-09	0.0E+00	5.2E-08
128	4.1E-08	1.2E-07	7.1E-08	9.8E-08	8.3E-08	7.6E-08	3.5E-08	1.4E-09	3.3E-08	9.0E-09	6.6E-09	3.5E-09	3.0E-09	0.0E+00	5.6E-08
129	4.5E-08	1.4E-07	7.9E-08	1.1E-07	9.4E-08	8.5E-08	3.9E-08	1.5E-09	3.6E-08	1.0E-08	7.2E-09	4.0E-09	3.4E-09	0.0E+00	6.3E-08
130	4.9E-08	1.5E-07	8.5E-08	1.1E-07	1.0E-07	9.3E-08	4.2E-08	1.6E-09	3.9E-08	1.1E-08	7.7E-09	4.4E-09	3.7E-09	0.0E+00	6.8E-08
131	5.4E-08	1.6E-07	9.4E-08	1.2E-07	1.1E-07	1.0E-07	4.7E-08	1.8E-09	4.3E-08	1.2E-08	8.1E-09	4.8E-09	4.1E-09	0.0E+00	7.4E-08
132	5.8E-08	1.7E-07	1.0E-07	1.2E-07	1.2E-07	1.1E-07	5.1E-08	1.9E-09	4.6E-08	1.3E-08	8.4E-09	5.2E-09	4.4E-09	0.0E+00	7.9E-08
133	6.2E-08	1.9E-07	1.1E-07	1.3E-07	1.3E-07	1.2E-07	5.5E-08	2.1E-09	5.0E-08	1.4E-08	8.8E-09	5.7E-09	4.8E-09	0.0E+00	8.5E-08
134	6.7E-08	2.0E-07	1.2E-07	1.4E-07	1.4E-07	1.3E-07	6.0E-08	2.2E-09	5.4E-08	1.5E-08	9.2E-09	6.1E-09	5.2E-09	0.0E+00	9.1E-08
135	7.2E-08	2.2E-07	1.3E-07	1.5E-07	1.6E-07	1.4E-07	6.5E-08	2.4E-09	5.8E-08	1.6E-08	9.9E-09	6.7E-09	5.7E-09	0.0E+00	9.8E-08
136	7.6E-08	2.3E-07	1.3E-07	1.6E-07	1.7E-07	1.6E-07	7.1E-08	2.6E-09	6.2E-08	1.7E-08	1.1E-08	7.3E-09	6.2E-09	0.0E+00	1.1E-07
137	8.2E-08	2.5E-07	1.4E-07	1.8E-07	1.9E-07	1.7E-07	7.9E-08	2.7E-09	6.6E-08	1.8E-08	1.2E-08	8.1E-09	6.9E-09	0.0E+00	1.1E-07
138	8.7E-08	2.6E-07	1.5E-07	2.0E-07	2.1E-07	1.9E-07	8.8E-08	2.9E-09	7.0E-08	1.9E-08	1.4E-08	9.1E-09	7.7E-09	0.0E+00	1.2E-07
139	9.3E-08	2.8E-07	1.6E-07	2.3E-07	2.4E-07	2.2E-07	1.0E-07	3.1E-09	7.5E-08	2.1E-08	1.6E-08	1.0E-08	8.7E-09	0.0E+00	1.3E-07
140	1.0E-07	3.1E-07	1.8E-07	2.6E-07	2.7E-07	2.5E-07	1.1E-07	3.4E-09	8.2E-08	2.3E-08	1.8E-08	1.2E-08	9.9E-09	0.0E+00	1.5E-07
141	1.1E-07	3.3E-07	1.9E-07	2.8E-07	3.1E-07	2.8E-07	1.3E-07	3.7E-09	8.9E-08	2.5E-08	1.9E-08	1.3E-08	1.1E-08	0.0E+00	1.6E-07
142	1.2E-07	3.6E-07	2.1E-07	3.0E-07	3.3E-07	3.0E-07	1.4E-07	4.0E-09	9.7E-08	2.7E-08	2.0E-08	1.4E-08	1.2E-08	0.0E+00	1.7E-07
143	1.3E-07	4.0E-07	2.3E-07	3.1E-07	3.6E-07	3.2E-07	1.5E-07	4.4E-09	1.1E-07	2.9E-08	2.1E-08	1.5E-08	1.3E-08	0.0E+00	1.9E-07
144	1.4E-07	4.3E-07	2.5E-07	3.2E-07	3.7E-07	3.3E-07	1.5E-07	4.8E-09	1.2E-07	3.2E-08	2.2E-08	1.6E-08	1.3E-08	0.0E+00	2.0E-07
145	1.5E-07	4.7E-07	2.7E-07	3.2E-07	3.7E-07	3.3E-07	1.5E-07	5.2E-09	1.2E-07	3.4E-08	2.2E-08	1.6E-08	1.3E-08	0.0E+00	2.1E-07
146	1.6E-07	5.0E-07	2.9E-07	3.1E-07	3.6E-07	3.3E-07	1.5E-07	5.5E-09	1.3E-07	3.7E-08	2.1E-08	1.5E-08	1.3E-08	0.0E+00	2.2E-07
147	1.7E-07	5.2E-07	3.0E-07	3.0E-07	3.5E-07	3.2E-07	1.4E-07	5.7E-09	1.4E-07	3.8E-08	2.0E-08	1.5E-08	1.3E-08	0.0E+00	2.3E-07
148	1.8E-07	5.3E-07	3.1E-07	2.8E-07	3.3E-07	3.0E-07	1.4E-07	5.9E-09	1.4E-07	3.9E-08	1.9E-08	1.4E-08	1.2E-08	0.0E+00	2.3E-07
149	1.6E-08	4.8E-08	2.8E-08	3.1E-08	2.6E-08	2.4E-08	1.1E-08	5.3E-10	1.3E-08	3.5E-09	2.1E-09	1.1E-09	9.5E-10	0.0E+00	2.1E-08
150	1.6E-08	5.0E-08	2.9E-08	3.3E-08	2.8E-08	2.5E-08	1.1E-08	5.5E-10	1.3E-08	3.7E-09	2.2E-09	1.2E-09	1.0E-09	0.0E+00	2.2E-08
151	1.7E-08	5.2E-08	3.0E-08	3.5E-08	2.9E-08	2.6E-08	1.2E-08	5.8E-10	1.4E-08	3.8E-09	2.4E-09	1.2E-09	1.1E-09	0.0E+00	2.3E-08
152	1.8E-08	5.5E-08	3.2E-08	3.7E-08	3.1E-08	2.8E-08	1.3E-08	6.1E-10	1.5E-08	4.0E-09	2.5E-09	1.3E-09	1.1E-09	0.0E+00	2.4E-08
153	1.9E-08	5.8E-08	3.3E-08	4.0E-08	3.3E-08	3.0E-08	1.4E-08	6.4E-10	1.5E-08	4.3E-09	2.7E-09	1.4E-09	1.2E-09	0.0E+00	2.6E-08
154	2.0E-08	6.1E-08	3.5E-08	4.3E-08	3.5E-08	3.2E-08	1.5E-08	6.8E-10	1.6E-08	4.5E-09	2.9E-09	1.5E-09	1.3E-09	0.0E+00	2.7E-08
155	2.1E-08	6.4E-08	3.7E-08	4.6E-08	3.7E-08	3.4E-08	1.5E-08	7.1E-10	1.7E-08	4.8E-09	3.1E-09	1.6E-09	1.3E-09	0.0E+00	2.9E-08
156	2.3E-08	6.9E-08	4.0E-08	5.1E-08	4.0E-08	3.7E-08	1.7E-08	7.6E-10	1.8E-08	5.1E-09	3.4E-09	1.7E-09	1.5E-09	0.0E+00	3.1E-08
157	2.4E-08	7.3E-08	4.2E-08	5.5E-08	4.3E-08	3.9E-08	1.8E-08	8.1E-10	2.0E-08	5.4E-09	3.7E-09	1.8E-09	1.6E-09	0.0E+00	3.3E-08
158	2.6E-08	7.8E-08	4.5E-08	6.1E-08	4.7E-08	4.3E-08	1.9E-08	8.7E-10	2.1E-08	5.8E-09	4.1E-09	2.0E-09	1.7E-09	0.0E+00	3.5E-08
159	2.8E-08	8.5E-08	4.9E-08	6.8E-08	5.1E-08	4.7E-08	2.1E-08	9.3E-10	2.3E-08	6.2E-09	4.6E-09	2.2E-09	1.9E-09	0.0E+00	3.8E-08
160	3.0E-08	9.2E-08	5.3E-08	7.5E-08	5.7E-08	5.1E-08	2.3E-08	1.0E-09	2.5E-08	6.8E-09	5.1E-09	2.4E-09	2.0E-09	0.0E+00	4.2E-08
161	3.3E-08	1.0E-07	5.8E-08	8.2E-08	6.3E-08	5.7E-08	2.6E-08	1.1E-09	2.7E-08	7.3E-09	5.6E-09	2.7E-09	2.3E-09	0.0E+00	4.6E-08
162	3.5E-08	1.1E-07	6.2E-08	8.9E-08	6.8E-08	6.2E-08	2.8E-08	1.2E-09	2.8E-08	7.8E-09	6.0E-09	2.9E-09	2.5E-09	0.0E+00	4.9E-08
163	3.9E-08	1.2E-07	6.8E-08	9.7E-08	7.8E-08	7.1E-08	3.2E-08	1.3E-09	3.1E-08	8.7E-09	6.6E-09	3.3E-09	2.8E-09	0.0E+00	5.4E-08
164	4.3E-08	1.3E-07	7.6E-08	1.1E-07	9.0E-08	8.1E-08	3.7E-08	1.5E-09	3.5E-08	9.7E-09	7.2E-09	3.8E-09	3.2E-09	0.0E+00	6.0E-08
165	4.7E-08	1.4E-07	8.2E-08	1.2E-07	1.0E-07	9.0E-08	4.1E-08	1.6E-09	3.8E-08	1.0E-08	7.9E-09	4.2E-09	3.6E-09	0.0E+00	6.6E-08
166	5.3E-08	1.6E-07	9.2E-08	1.3E-07	1.1E-07	1.0E-07	4.7E-08	1.8E-09	4.3E-08	1.2E-08	8.7E-09	4.8E-09	4.1E-09	0.0E+00	7.4E-08
167	5.7E-08	1.7E-07	1.0E-07	1.4E-07	1.2E-07	1.1E-07	5.2E-08	1.9E-09	4.6E-08	1.3E-08	9.3E-09	5.3E-09	4.5E-09	0.0E+00	8.0E-08
168	6.3E-08	1.9E-07	1.1E-07	1.5E-07	1.4E-07	1.3E-07	5.8E-08	2.1E-09	5.1E-08	1.4E-08	9.9E-09	5.9E-09	5.0E-09	0.0E+00	8.8E-08
169	6.8E-08	2.1E-07	1.2E-07	1.5E-07	1.5E-07	1.4E-07	6.3E-08	2.3E-09	5.5E-08	1.5E-08	1.0E-08	6.5E-09	5.5E-09	0.0E+00	9.5E-08
170	7.4E-08	2.2E-07	1.3E-07	1.6E-07	1.7E-07	1.5E-07	7.0E-08	2.5E-09	6.0E-08	1.7E-08	1.1E-08	7.1E-09	6.1E-09	0.0E+00	1.0E-07
171	8.0E-08	2.4E-07	1.4E-07	1.7E-07	1.8E-07	1.7E-07	7.6E-08	2.7E-09	6.5E-08	1.8E-08	1.2E-08	7.8E-09	6.6E-09	0.0E+00	1.1E-07
172	8.7E-08	2.6E-07	1.5E-07	1.9E-07	2.0E-07	1.8E-07	8.4E-08	2.9E-09	7.0E-08	1.9E-08	1.3E-08	8.6E-09	7.3E-09	0.0E+00	1.2E-07
173	9.3E-08	2.8E-07	1.6E-07	2.1E-07	2.2E-07	2.0E-07	9.2E-08	3.1E-09	7.5E-08	2.1E-08	1.4E-08	9.5E-09	8.0E-09	0.0E+00	1.3E-07
174	1.0E-07	3.0E-07	1.8E-07	2.4E-07	2.5E-07	2.3E-07	1.1E-07	3.3E-09	8.1E-08	2.2E-08	1.7E-08	1.1E-08	9.1E-09	0.0E+00	1.4E-07
175	1.1E-07	3.2E-07	1.9E-07	2.8E-07	2.9E-07	2.6E-07	1.2E-07	3.6E-09	8.7E-08	2.4E-08	1.9E-08	1.2E-08	1.0E-08	0.0E+00	1.6E-07
176	1.2E-07	3.5E-07	2.0E-07	3.2E-07	3.3E-07	3.0E-07	1.4E-07	3.9E-09	9.4E-08	2.6E-08	2.2E-08	1.4E-08	1.2E-08	0.0E+00	1.7E-07
177	1.3E-07	3.8E-07	2.2E-07	3.5E-07	3.8E-07	3.4E-07	1.6E-07	4.2E-09	1.0E-07	2.8E-08	2.4E-08	1.6E-08	1.4E-08	0.0E+00	1.9E-07
178	1.4E-07	4.2E-07	2.5E-07	3.7E-07	4.2E-07	3.8E-07	1.7E-07	4.7E-09	1.1E-07	3.1E-08	2.5E-08	1.8E-08	1.5E-08	0.0E+00	2.1E-07
179	1.6E-07	4.7E-07	2.7E-07	3.9E-07	4.5E-07	4.0E-07	1.8E-07	5.2E-09	1.3E-07	3.5E-08	2.6E-08	1.9E-08	1.6E-08	0.0E+00	2.3E-07
180	1.7E-07	5.1E-07	3.0E-07	3.9E-07	4.6E-07	4.2E-07	1.9E-07	5.7E-09	1.4E-07	3.8E-08	2.7E-08	2.0E-08	1.7E-08	0.0E+00	2.4E-07
181	1.9E-07	5.6E-07	3.2E-07	3.9E-07	4.6E-07	4.2E-07	1.9E-07	6.2E-09	1.5E-07	4.1E-08	2.6E-08	2.0E-08	1.7E-08	0.0E+00	2.6E-07
182	2.0E-07	6.0E-07	3.5E-07	3.7E-07	4.5E-07	4.1E-07	1.9E-07	6.6E-09	1.6E-07	4.4E-08	2.5E-08	1.9E-08	1.6E-08	0.0E+00	2.7E-07
183	2.1E-07	6.3E-07	3.6E-07	3.5E-07	4.3E-07	3.9E-07	1.8E-07	6.9E-09	1.7E-07	4.6E-08	2.4E-08	1.8E-08	1.5E-08	0.0E+00	2.8E-07
184	2.1E-07	6.4E-07	3.7E-07	3.3E-07	4.0E-07	3.6E-07	1.6E-07	7.1E-09	1.7E-07	4.7E-08	2.2E-08	1.7E-08	1.4E-08	0.0E+00	2.8E-07
185	2.1E-07	6.5E-07	3.7E-07	3.0E-07	3.6E-07	3.3E-07	1.5E-07	7.1E-09	1.7E-07	4.8E-08	2.0E-08	1.5E-08	1.3E-08	0.0E+00	2.8E-07
186	1.7E-08	5.2E-08	3.0E-08	3.4E-08	2.9E-08	2.6E-08	1.2E-08	5.7E-10	1.4E-08	3.8E-09	2.3E-09	1.2E-09	1.0E-09	0.0E+00	2.3E-08
187	1.8E-08	5.3E-08	3.1E-08	3.5E-08	3.0E-08	2.7E-08	1.2E-08	5.9E-10	1.4E-08	3.9E-09	2.4E-09	1.3E-09	1.1E-09	0.0E+00	2.3E-08
188	1.8E-08	5.6E-08	3.2E-08	3.7E-08	3.2E-08	2.9E-08	1.3E-08	6.2E-10	1.5E-08	4.1E-09	2.5E-09	1.3E-09	1.1E-09	0.0E+00	2.5E-08
189	1.9E-08	5.9E-08	3.4E-08	4.0E-08	3.3E-08	3.0E-08	1.4E-08	6.5E-10	1.6E-08	4.3E-09	2.7E-09	1.4E-09	1.2E-09	0.0E+00	2.6E-08
190	2.1E-08	6.2E-08	3.6E-08	4.3E-08	3.6E-08	3.2E-08	1.5E-08	6.9E-10	1.7E-08	4.6E-09	2.9E-09	1.5E-09	1.3E-09	0.0E+00	2.8E-08
191	2.2E-08	6.6E-08	3.8E-08	4.7E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	1.8E-08	4.9E-09	3.2E-09	1.6E-09	1.4E-09	0.0E+00	3.0E-08
192	2.3E-08	7.0E-08	4.1E-08	5.1E-08	4.1E-08	3.7E-08	1.7E-08	7.8E-10	1.9E-08	5.2E-09	3.5E-09	1.7E-09	1.5E-09	0.0E+00	3.1E-08
193	2.5E-08	7.5E-08	4.4E-08	5.6E-08	4.4E-08	4.0E-08	1.8E-08	8.3E-10	2.0E-08	5.5E-09	3.8E-09	1.9E-09	1.6E-09	0.0E+00	3.4E-08
194	2.7E-08	8.0E-08	4.7E-08	6.2E-08	4.8E-08	4.4E-08	2.0E-08	8.9E-10	2.1E-08	5.9E-09	4.2E-09	2.0E-09	1.7E-09	0.0E+00	3.6E-08
195	2.9E-08	8.7E-08	5.0E-08	6.9E-08	5.3E-08	4.8E-08	2.2E-08	9.6E-10	2.3E-08	6.4E-09	4.7E-09	2.2E-09	1.9E-09	0.0E+00	3.9E-08
196	3.1E-08	9.4E-08	5.4E-08	7.6E-08	5.8E-08	5.2E-08	2.4E-08	1.0E-09	2.5E-08	6.9E-09	5.2E-09	2.4E-09	2.1E-09	0.0E+00	4.3E-08
197	3.4E-08	1.0E-07	5.9E-08	8.5E-08	6.4E-08	5.8E-08	2.6E-08	1.1E-09	2.7E-08	7.5E-09	5.7E-09	2.7E-09	2.3E-09	0.0E+00	4.7E-08
198	3.7E-08	1.1E-07	6.4E-08	9.4E-08	7.1E-08	6.4E-08	2.9E-08	1.2E-09	3.0E-08	8.2E-09	6.4E-09	3.0E-09	2.6E-09	0.0E+00	5.1E-08
199	4.0E-08	1.2E-07	6.9E-08	1.0E-07	7.8E-08	7.0E-08	3.2E-08	1.3E-09	3.2E-08	8.8E-09	7.0E-09	3.3E-09	2.8E-09	0.0E+00	5.5E-08
200	4.5E-08	1.3E-07	7.8E-08	1.2E-07	9.1E-08	8.3E-08	3.8E-08	1.5E-09	3.6E-08	9.9E-09	7.8E-09	3.9E-09	3.3E-09	0.0E+00	6.2E-08
201	5.0E-08	1.5E-07	8.8E-08	1.3E-07	1.1E-07	9.5E-08	4.3E-08	1.7E-09	4.0E-08	1.1E-08	8.7E-09	4.5E-09	3.8E-09	0.0E+00	7.0E-08
202	5.5E-08	1.7E-07	9.7E-08	1.4E-07	1.2E-07	1.1E-07	4.9E-08	1.8E-09	4.5E-08	1.2E-08	9.6E-09	5.0E-09	4.3E-09	0.0E+00	7.8E-08
203	6.2E-08	1.9E-07	1.1E-07	1.6E-07	1.4E-07	1.2E-07	5.7E-08	2.1E-09	5.0E-08	1.4E-08	1.1E-08	5.8E-09	4.9E-09	0.0E+00	8.7E-08
204	6.8E-08	2.0E-07	1.2E-07	1.7E-07	1.5E-07	1.4E-07	6.4E-08	2.3E-09	5.5E-08	1.5E-08	1.2E-08	6.6E-09	5.6E-09	0.0E+00	9.6E-08
205	7.6E-08	2.3E-07	1.3E-07	1.8E-07	1.8E-07	1.6E-07	7.3E-08	2.5E-09	6.1E-08	1.7E-08	1.2E-08	7.5E-09	6.3E-09	0.0E+00	1.1E-07
206	8.3E-08	2.5E-07	1.4E-07	1.9E-07	1.9E-07	1.8E-07	8.0E-08	2.8E-09	6.7E-08	1.8E-08	1.3E-08	8.2E-09	7.0E-09	0.0E+00	1.2E-07
207	9.1E-08	2.8E-07	1.6E-07	2.1E-07	2.2E-07	2.0E-07	9.0E-08	3.0E-09	7.3E-08	2.0E-08	1.4E-08	9.2E-09	7.8E-09	0.0E+00	1.3E-07
208	9.9E-08	3.0E-07	1.7E-07	2.3E-07	2.4E-07	2.2E-07	9.9E-08	3.3E-09	8.0E-08	2.2E-08	1.5E-08	1.0E-08	8.6E-09	0.0E+00	1.4E-07
209	1.1E-07	3.2E-07	1.9E-07	2.6E-07	2.7E-07	2.4E-07	1.1E-07	3.6E-09	8.7E-08	2.4E-08	1.7E-08	1.1E-08	9.7E-09	0.0E+00	1.5E-07
210	1.2E-07	3.5E-07	2.0E-07	3.0E-07	3.0E-07	2.8E-07	1.3E-07	3.9E-09	9.3E-08	2.6E-08	2.0E-08	1.3E-08	1.1E-08	0.0E+00	1.7E-07
211	1.3E-07	3.8E-07	2.2E-07	3.5E-07	3.5E-07	3.2E-07	1.5E-07	4.2E-09	1.0E-07	2.8E-08	2.4E-08	1.5E-08	1.3E-08	0.0E+00	1.9E-07
212	1.4E-07	4.1E-07	2.4E-07	4.0E-07	4.1E-07	3.7E-07	1.7E-07	4.6E-09	1.1E-07	3.1E-08	2.7E-08	1.7E-08	1.5E-08	0.0E+00	2.1E-07
213	1.5E-07	4.5E-07	2.6E-07	4.4E-07	4.7E-07	4.3E-07	2.0E-07	5.0E-09	1.2E-07	3.3E-08	3.0E-08	2.0E-08	1.7E-08	0.0E+00	2.3E-07
214	1.7E-07	5.0E-07	2.9E-07	4.7E-07	5.3E-07	4.8E-07	2.2E-07	5.6E-09	1.3E-07	3.7E-08	3.2E-08	2.3E-08	1.9E-08	0.0E+00	2.5E-07
215	1.9E-07	5.6E-07	3.2E-07	4.9E-07	5.7E-07	5.2E-07	2.4E-07	6.2E-09	1.5E-07	4.1E-08	3.3E-08	2.4E-08	2.1E-08	0.0E+00	2.8E-07
216	2.1E-07	6.2E-07	3.6E-07	4.9E-07	6.0E-07	5.4E-07	2.5E-07	6.9E-09	1.7E-07	4.6E-08	3.3E-08	2.5E-08	2.1E-08	0.0E+00	3.0E-07
217	2.3E-07	6.8E-07	4.0E-07	4.7E-07	5.9E-07	5.4E-07	2.5E-07	7.6E-09	1.8E-07	5.0E-08	3.2E-08	2.5E-08	2.1E-08	0.0E+00	3.2E-07
218	2.4E-07	7.4E-07	4.3E-07	4.5E-07	5.7E-07	5.2E-07	2.4E-07	8.1E-09	2.0E-07	5.4E-08	3.0E-08	2.4E-08	2.1E-08	0.0E+00	3.3E-07
219	2.6E-07	7.7E-07	4.5E-07	4.2E-07	5.3E-07	4.8E-07	2.2E-07	8.5E-09	2.1E-07	5.7E-08	2.8E-08	2.3E-08	1.9E-08	0.0E+00	3.4E-07
220	2.6E-07	7.9E-07	4.6E-07	3.8E-07	4.9E-07	4.4E-07	2.0E-07	8.7E-09	2.1E-07	5.8E-08	2.6E-08	2.1E-08	1.8E-08	0.0E+00	3.4E-07
221	2.6E-07	7.9E-07	4.6E-07	3.4E-07	4.4E-07	4.0E-07	1.8E-07	8.8E-09	2.1E-07	5.8E-08	2.3E-08	1.9E-08	1.6E-08	0.0E+00	3.4E-07
222	2.6E-07	7.7E-07	4.5E-07	3.1E-07	3.9E-07	3.5E-07	1.6E-07	8.6E-09	2.1E-07	5.7E-08	2.1E-08	1.6E-08	1.4E-08	0.0E+00	3.2E-07
223	1.8E-08	5.5E-08	3.2E-08	3.7E-08	3.1E-08	2.8E-08	1.3E-08	6.1E-10	1.5E-08	4.1E-09	2.5E-09	1.3E-09	1.1E-09	0.0E+00	2.4E-08
224	1.9E-08	5.7E-08	3.3E-08	3.8E-08	3.2E-08	2.9E-08	1.3E-08	6.3E-10	1.5E-08	4.2E-09	2.6E-09	1.4E-09	1.2E-09	0.0E+00	2.5E-08
225	2.0E-08	6.0E-08	3.5E-08	4.0E-08	3.4E-08	3.1E-08	1.4E-08	6.6E-10	1.6E-08	4.4E-09	2.7E-09	1.4E-09	1.2E-09	0.0E+00	2.6E-08
226	2.1E-08	6.3E-08	3.7E-08	4.3E-08	3.6E-08	3.3E-08	1.5E-08	7.0E-10	1.7E-08	4.7E-09	2.9E-09	1.5E-09	1.3E-09	0.0E+00	2.8E-08
227	2.2E-08	6.7E-08	3.9E-08	4.7E-08	3.9E-08	3.5E-08	1.6E-08	7.5E-10	1.8E-08	5.0E-09	3.2E-09	1.7E-09	1.4E-09	0.0E+00	3.0E-08
228	2.4E-08	7.2E-08	4.2E-08	5.1E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	1.9E-08	5.3E-09	3.5E-09	1.8E-09	1.5E-09	0.0E+00	3.2E-08
229	2.6E-08	7.7E-08	4.5E-08	5.6E-08	4.5E-08	4.1E-08	1.9E-08	8.5E-10	2.1E-08	5.7E-09	3.8E-09	1.9E-09	1.6E-09	0.0E+00	3.5E-08
230	2.7E-08	8.3E-08	4.8E-08	6.2E-08	4.9E-08	4.5E-08	2.0E-08	9.1E-10	2.2E-08	6.1E-09	4.2E-09	2.1E-09	1.8E-09	0.0E+00	3.7E-08
231	2.9E-08	8.9E-08	5.1E-08	6.9E-08	5.4E-08	4.9E-08	2.2E-08	9.8E-10	2.4E-08	6.5E-09	4.7E-09	2.3E-09	1.9E-09	0.0E+00	4.0E-08
232	3.2E-08	9.6E-08	5.6E-08	7.7E-08	5.9E-08	5.3E-08	2.4E-08	1.1E-09	2.6E-08	7.1E-09	5.2E-09	2.5E-09	2.1E-09	0.0E+00	4.4E-08
233	3.5E-08	1.0E-07	6.1E-08	8.6E-08	6.5E-08	5.9E-08	2.7E-08	1.2E-09	2.8E-08	7.7E-09	5.9E-09	2.8E-09	2.3E-09	0.0E+00	4.8E-08
234	3.8E-08	1.2E-07	6.7E-08	9.7E-08	7.3E-08	6.6E-08	3.0E-08	1.3E-09	3.1E-08	8.5E-09	6.6E-09	3.1E-09	2.6E-09	0.0E+00	5.3E-08
235	4.2E-08	1.3E-07	7.3E-08	1.1E-07	8.2E-08	7.4E-08	3.4E-08	1.4E-09	3.4E-08	9.4E-09	7.4E-09	3.5E-09	2.9E-09	0.0E+00	5.8E-08
236	4.6E-08	1.4E-07	8.0E-08	1.2E-07	9.1E-08	8.2E-08	3.8E-08	1.5E-09	3.7E-08	1.0E-08	8.3E-09	3.8E-09	3.3E-09	0.0E+00	6.4E-08
237	5.2E-08	1.6E-07	9.1E-08	1.4E-07	1.1E-07	9.7E-08	4.4E-08	1.7E-09	4.2E-08	1.2E-08	9.4E-09	4.5E-09	3.9E-09	0.0E+00	7.3E-08
238	5.9E-08	1.8E-07	1.0E-07	1.6E-07	1.3E-07	1.1E-07	5.2E-08	2.0E-09	4.7E-08	1.3E-08	1.1E-08	5.3E-09	4.5E-09	0.0E+00	8.3E-08
239	6.6E-08	2.0E-07	1.1E-07	1.8E-07	1.4E-07	1.3E-07	6.0E-08	2.2E-09	5.3E-08	1.5E-08	1.2E-08	6.2E-09	5.2E-09	0.0E+00	9.3E-08
240	7.4E-08	2.2E-07	1.3E-07	2.0E-07	1.7E-07	1.5E-07	7.0E-08	2.5E-09	5.9E-08	1.6E-08	1.4E-08	7.2E-09	6.1E-09	0.0E+00	1.0E-07
241	8.2E-08	2.5E-07	1.4E-07	2.2E-07	1.9E-07	1.8E-07	8.0E-08	2.7E-09	6.6E-08	1.8E-08	1.5E-08	8.2E-09	7.0E-09	0.0E+00	1.2E-07
242	9.2E-08	2.8E-07	1.6E-07	2.4E-07	2.3E-07	2.0E-07	9.4E-08	3.1E-09	7.5E-08	2.1E-08	1.6E-08	9.6E-09	8.1E-09	0.0E+00	1.3E-07
243	1.0E-07	3.1E-07	1.8E-07	2.6E-07	2.6E-07	2.3E-07	1.1E-07	3.4E-09	8.2E-08	2.3E-08	1.7E-08	1.1E-08	9.2E-09	0.0E+00	1.5E-07
244	1.1E-07	3.4E-07	2.0E-07	2.8E-07	2.9E-07	2.6E-07	1.2E-07	3.8E-09	9.1E-08	2.5E-08	1.9E-08	1.2E-08	1.0E-08	0.0E+00	1.6E-07
245	1.2E-07	3.7E-07	2.2E-07	3.1E-07	3.3E-07	3.0E-07	1.4E-07	4.1E-09	1.0E-07	2.7E-08	2.1E-08	1.4E-08	1.2E-08	0.0E+00	1.8E-07
246	1.4E-07	4.1E-07	2.4E-07	3.7E-07	3.8E-07	3.4E-07	1.6E-07	4.5E-09	1.1E-07	3.0E-08	2.5E-08	1.6E-08	1.4E-08	0.0E+00	2.0E-07
247	1.5E-07	4.5E-07	2.6E-07	4.4E-07	4.4E-07	4.0E-07	1.8E-07	5.0E-09	1.2E-07	3.3E-08	3.0E-08	1.9E-08	1.6E-08	0.0E+00	2.2E-07
248	1.6E-07	4.9E-07	2.9E-07	5.2E-07	5.2E-07	4.7E-07	2.2E-07	5.5E-09	1.3E-07	3.6E-08	3.5E-08	2.2E-08	1.9E-08	0.0E+00	2.5E-07
249	1.8E-07	5.4E-07	3.2E-07	5.8E-07	6.1E-07	5.6E-07	2.5E-07	6.0E-09	1.5E-07	4.0E-08	3.9E-08	2.6E-08	2.2E-08	0.0E+00	2.8E-07
250	2.0E-07	6.1E-07	3.5E-07	6.2E-07	7.0E-07	6.3E-07	2.9E-07	6.7E-09	1.6E-07	4.5E-08	4.2E-08	3.0E-08	2.5E-08	0.0E+00	3.1E-07
251	2.3E-07	6.8E-07	3.9E-07	6.3E-07	7.6E-07	6.9E-07	3.2E-07	7.5E-09	1.8E-07	5.0E-08	4.3E-08	3.2E-08	2.7E-08	0.0E+00	3.4E-07
252	2.5E-07	7.7E-07	4.4E-07	6.2E-07	7.9E-07	7.2E-07	3.3E-07	8.5E-09	2.1E-07	5.7E-08	4.2E-08	3.4E-08	2.8E-08	0.0E+00	3.7E-07
253	2.8E-07	8.5E-07	4.9E-07	5.9E-07	7.8E-07	7.1E-07	3.2E-07	9.4E-09	2.3E-07	6.3E-08	4.0E-08	3.3E-08	2.8E-08	0.0E+00	4.0E-07
254	3.1E-07	9.3E-07	5.4E-07	5.4E-07	7.4E-07	6.7E-07	3.1E-07	1.0E-08	2.5E-07	6.8E-08	3.7E-08	3.1E-08	2.7E-08	0.0E+00	4.2E-07
255	3.2E-07	9.8E-07	5.7E-07	4.9E-07	6.8E-07	6.2E-07	2.8E-07	1.1E-08	2.6E-07	7.2E-08	3.4E-08	2.9E-08	2.4E-08	0.0E+00	4.3E-07
256	3.3E-07	1.0E-06	5.8E-07	4.4E-07	6.1E-07	5.5E-07	2.5E-07	1.1E-08	2.7E-07	7.4E-08	3.0E-08	2.6E-08	2.2E-08	0.0E+00	4.3E-07
257	3.3E-07	9.9E-07	5.7E-07	3.9E-07	5.3E-07	4.8E-07	2.2E-07	1.1E-08	2.6E-07	7.3E-08	2.6E-08	2.3E-08	1.9E-08	0.0E+00	4.2E-07
258	3.2E-07	9.6E-07	5.6E-07	3.4E-07	4.6E-07	4.2E-07	1.9E-07	1.1E-08	2.6E-07	7.1E-08	2.3E-08	2.0E-08	1.7E-08	0.0E+00	4.0E-07
259	3.0E-07	9.1E-07	5.3E-07	3.0E-07	3.9E-07	3.6E-07	1.6E-07	1.0E-08	2.4E-07	6.7E-08	2.0E-08	1.7E-08	1.4E-08	0.0E+00	3.7E-07
260	2.0E-08	5.9E-08	3.4E-08	3.9E-08	3.3E-08	3.0E-08	1.4E-08	6.5E-10	1.6E-08	4.4E-09	2.6E-09	1.4E-09	1.2E-09	0.0E+00	2.6E-08
261	2.0E-08	6.2E-08	3.6E-08	4.1E-08	3.5E-08	3.1E-08	1.4E-08	6.8E-10	1.6E-08	4.6E-09	2.8E-09	1.5E-09	1.2E-09	0.0E+00	2.7E-08
262	2.1E-08	6.5E-08	3.7E-08	4.3E-08	3.7E-08	3.3E-08	1.5E-08	7.1E-10	1.7E-08	4.8E-09	2.9E-09	1.6E-09	1.3E-09	0.0E+00	2.9E-08
263	2.3E-08	6.9E-08	4.0E-08	4.7E-08	3.9E-08	3.6E-08	1.6E-08	7.6E-10	1.8E-08	5.1E-09	3.2E-09	1.7E-09	1.4E-09	0.0E+00	3.0E-08
264	2.4E-08	7.3E-08	4.2E-08	5.1E-08	4.2E-08	3.8E-08	1.7E-08	8.1E-10	2.0E-08	5.4E-09	3.5E-09	1.8E-09	1.5E-09	0.0E+00	3.3E-08
265	2.6E-08	7.9E-08	4.6E-08	5.6E-08	4.6E-08	4.2E-08	1.9E-08	8.7E-10	2.1E-08	5.8E-09	3.8E-09	1.9E-09	1.7E-09	0.0E+00	3.5E-08
266	2.8E-08	8.5E-08	4.9E-08	6.2E-08	5.0E-08	4.5E-08	2.1E-08	9.4E-10	2.3E-08	6.2E-09	4.2E-09	2.1E-09	1.8E-09	0.0E+00	3.8E-08
267	3.0E-08	9.1E-08	5.3E-08	6.9E-08	5.5E-08	4.9E-08	2.3E-08	1.0E-09	2.4E-08	6.7E-09	4.7E-09	2.3E-09	2.0E-09	0.0E+00	4.1E-08

268	UCART1	592887.59	4123079.92	592887.59, 4123079.92	0.05868	0.10261	0.08319	0.31464	0.15166	7.91E-05	1.26E-04	9.16E-05	6.90E-06	8.64E-06	8.79E-07	1.10E-06	3.31E-06	4.16E-06	9.47E-05	1.28E-04	9.91E-05	3.21E-04	3.3E-08	9.9E-08	5.7E-08	7.7E-08	6.0E-08	5.4E-08	2.5E-08	1.1E-09	2.6E-08	7.3E-09	5.2E-09	2.5E-09	2.2E-09	0.0E+00	4.5E-08
269	UCART1	592927.59	4123079.92	592927.59, 4123079.92	0.06372	0.11545	0.09195	0.36284	0.17389	8.59E-05	1.41E-04	1.01E-04	7.95E-06	9.91E-06	1.01E-06	1.26E-06	3.82E-06	4.77E-06	1.04E-04	1.44E-04	1.10E-04	3.57E-04	3.6E-08	1.1E-07	6.3E-08	8.7E-08	6.6E-08	6.0E-08	2.7E-08	1.2E-09	2.9E-08	8.0E-09	5.9E-09	2.8E-09	2.4E-09	0.0E+00	4.9E-08
270	UCART1	592967.59	4123079.92	592967.59, 4123079.92	0.06914	0.13021	0.10223	0.42298	0.20044	9.32E-05	1.59E-04	1.13E-04	9.27E-06	1.14E-05	1.18E-06	1.46E-06	4.46E-06	5.49E-06	1.14E-04	1.62E-04	1.23E-04	3.98E-04	3.9E-08	1.2E-07	6.9E-08	9.8E-08	7.4E-08	6.7E-08	3.1E-08	1.3E-09	3.2E-08	8.8E-09	6.7E-09	3.1E-09	2.7E-09	0.0E+00	5.4E-08
271	UCART1	593007.59	4123079.92	593007.59, 4123079.92	0.07601	0.14822	0.11533	0.48965	0.23357	1.03E-04	1.81E-04	1.27E-04	1.07E-05	1.33E-05	1.37E-06	1.70E-06	5.16E-06	6.40E-06	1.27E-04	1.84E-04	1.39E-04	4.50E-04	4.4E-08	1.3E-07	7.7E-08	1.1E-07	8.4E-08	7.6E-08	3.5E-08	1.5E-09	3.5E-08	9.7E-09	7.6E-09	3.6E-09	3.0E-09	0.0E+00	6.1E-08
272	UCART1	593047.59	4123079.92	593047.59, 4123079.92	0.08372	0.16957	0.13143	0.54921	0.2736	1.13E-04	2.07E-04	1.45E-04	1.20E-05	1.56E-05	1.54E-06	1.99E-06	5.79E-06	7.50E-06	1.41E-04	2.11E-04	1.58E-04	5.10E-04	4.9E-08	1.5E-07	8.5E-08	1.3E-07	9.6E-08	8.7E-08	4.0E-08	1.6E-09	3.9E-08	1.1E-08	8.7E-09	4.1E-09	3.4E-09	0.0E+00	6.8E-08
273	UCART1	593087.59	4123079.92	593087.59, 4123079.92	0.09264	0.195	0.15048	0.5943	0.32211	1.25E-04	2.39E-04	1.66E-04	1.30E-05	1.84E-05	1.66E-06	2.34E-06	6.26E-06	8.83E-06	1.56E-04	2.43E-04	1.81E-04	5.80E-04	5.4E-08	1.6E-07	9.5E-08	1.5E-07	1.1E-07	9.9E-08	4.5E-08	1.8E-09	4.4E-08	1.2E-08	1.0E-08	4.6E-09	3.9E-09	0.0E+00	7.6E-08
274	UCART1	593127.59	4123079.92	593127.59, 4123079.92	0.10396	0.22561	0.17572	0.62286	0.38236	1.40E-04	2.76E-04	1.94E-04	1.36E-05	2.18E-05	1.74E-06	2.78E-06	6.56E-06	1.05E-05	1.76E-04	2.81E-04	2.11E-04	6.67E-04	6.1E-08	1.8E-07	1.1E-07	1.7E-07	1.3E-07	1.2E-07	5.3E-08	2.0E-09	4.9E-08	1.4E-08	1.2E-08	5.4E-09	4.6E-09	0.0E+00	8.6E-08
275	UCART1	593167.59	4123079.92	593167.59, 4123079.92	0.11782	0.26067	0.20641	0.63322	0.45764	1.59E-04	3.19E-04	2.27E-04	1.39E-05	2.61E-05	1.77E-06	3.33E-06	6.67E-06	1.25E-05	1.99E-04	3.24E-04	2.47E-04	7.69E-04	6.9E-08	2.1E-07	1.2E-07	2.0E-07	1.5E-07	1.4E-07	6.2E-08	2.3E-09	5.6E-08	1.5E-08	1.3E-08	6.3E-09	5.4E-09	0.0E+00	9.8E-08
276	UCART1	593207.59	4123079.92	593207.59, 4123079.92	0.13331	0.3005	0.24579	0.62883	0.56083	1.80E-04	3.68E-04	2.71E-04	1.38E-05	3.20E-05	1.76E-06	4.08E-06	6.63E-06	1.54E-05	2.26E-04	3.73E-04	2.93E-04	8.92E-04	7.8E-08	2.4E-07	1.4E-07	2.3E-07	1.8E-07	1.6E-07	7.3E-08	2.6E-09	6.3E-08	1.7E-08	1.5E-08	7.5E-09	6.4E-09	0.0E+00	1.1E-07
277	UCART1	593247.59	4123079.92	593247.59, 4123079.92	0.15188	0.34699	0.29697	0.61299	0.70454	2.05E-04	4.24E-04	3.27E-04	1.34E-05	4.02E-05	1.71E-06	5.12E-06	6.46E-06	1.93E-05	2.58E-04	4.31E-04	3.53E-04	1.04E-03	8.9E-08	2.7E-07	1.6E-07	2.6E-07	2.1E-07	1.9E-07	8.8E-08	3.0E-09	7.2E-08	2.0E-08	1.8E-08	9.1E-09	7.7E-09	0.0E+00	1.3E-07
278	UCART1	593287.59	4123079.92	593287.59, 4123079.92	0.17022	0.39127	0.35073	0.58733	0.86677	2.30E-04	4.79E-04	3.86E-04	1.29E-05	4.94E-05	1.64E-06	6.30E-06	6.19E-06	2.38E-05	2.92E-04	4.87E-04	4.16E-04	1.19E-03	1.0E-07	3.1E-07	1.8E-07	2.9E-07	2.5E-07	2.3E-07	1.0E-07	3.4E-09	8.1E-08	2.2E-08	2.0E-08	1.1E-08	9.1E-09	0.0E+00	1.5E-07
279	UCART1	593327.59	4123079.92	593327.59, 4123079.92	0.19528	0.43519	0.42028	0.55651	1.02923	2.63E-04	5.32E-04	4.63E-04	1.22E-05	5.87E-05	1.56E-06	7.48E-06	5.86E-06	2.82E-05	3.34E-04	5.41E-04	4.97E-04	1.37E-03	1.2E-07	3.5E-07	2.0E-07	3.3E-07	3.0E-07	2.7E-07	1.2E-07	3.9E-09	9.3E-08	2.6E-08	2.2E-08	1.3E-08	1.1E-08	0.0E+00	1.7E-07
280	UCART1	593367.59	4123079.92	593367.59, 4123079.92	0.21843	0.47204	0.48768	0.52071	1.15299	2.95E-04	5.77E-04	5.37E-04	1.14E-05	6.57E-05	1.46E-06	8.38E-06	5.49E-06	3.16E-05	3.72E-04	5.87E-04	5.74E-04	1.53E-03	1.3E-07	3.9E-07	2.2E-07	3.6E-07	3.5E-07	3.1E-07	1.4E-07	4.3E-09	1.0E-07	2.9E-08	2.4E-08	1.5E-08	1.3E-08	0.0E+00	1.9E-07
281	UCART1	593407.59	4123079.92	593407.59, 4123079.92	0.24794	0.53483	0.57358	0.48355	1.24295	3.34E-04	6.54E-04	6.32E-04	1.06E-05	7.08E-05	1.35E-06	9.04E-06	5.09E-06	3.41E-05	4.16E-04	6.65E-04	6.71E-04	1.75E-03	1.4E-07	4.3E-07	2.5E-07	4.0E-07	4.1E-07	3.7E-07	1.7E-07	4.8E-09	1.2E-07	3.2E-08	2.7E-08	1.7E-08	1.5E-08	0.0E+00	2.1E-07
282	UCART1	593447.59	4123079.92	593447.59, 4123079.92	0.27831	0.63634	0.66764	0.44506	1.29033	3.75E-04	7.78E-04	7.35E-04	9.75E-06	7.35E-05	1.24E-06	9.38E-06	4.69E-06	3.54E-05	4.59E-04	7.89E-04	7.75E-04	2.02E-03	1.6E-07	4.8E-07	2.8E-07	4.8E-07	4.7E-07	4.3E-07	1.9E-07	5.3E-09	1.3E-07	3.5E-08	3.2E-08	2.0E-08	1.7E-08	0.0E+00	2.4E-07
283	UCART1	593487.59	4123079.92	593487.59, 4123079.92	0.31709	0.78378	0.80621	0.40787	1.3161	4.28E-04	9.59E-04	8.88E-04	8.94E-06	7.50E-05	1.14E-06	9.57E-06	4.30E-06	3.61E-05	5.12E-04	9.70E-04	9.28E-04	2.41E-03	1.8E-07	5.3E-07	3.1E-07	5.9E-07	5.6E-07	5.1E-07	2.3E-07	5.9E-09	1.4E-07	3.9E-08	4.0E-08	2.4E-08	2.0E-08	0.0E+00	2.7E-07
284	UCART1	593527.59	4123079.92	593527.59, 4123079.92	0.3595	0.93573	0.98241	0.37131	1.31562	4.85E-04	1.14E-03	1.08E-03	8.14E-06	7.50E-05	1.04E-06	9.56E-06	3.91E-06	3.61E-05	5.68E-04	1.16E-03	1.12E-03	2.85E-03	2.0E-07	5.9E-07	3.4E-07	7.0E-07	6.8E-07	6.2E-07	2.8E-07	6.6E-09	1.6E-07	4.4E-08	4.7E-08	2.9E-08	2.4E-08	0.0E+00	3.1E-07
285	UCART1	593567.59	4123079.92	593567.59, 4123079.92	0.41351	1.05627	1.20046	0.33703	1.30404	5.58E-04	1.29E-03	1.32E-03	7.39E-06	7.43E-05	9.42E-07	9.48E-06	3.55E-06	3.57E-05	6.39E-04	1.30E-03	1.36E-03	3.30E-03	2.2E-07	6.7E-07	3.9E-07	7.9E-07	8.2E-07	7.5E-07	3.4E-07	7.4E-09	1.8E-07	4.9E-08	5.4E-08	3.5E-08	3.0E-08	0.0E+00	3.5E-07
286	UCART1	593607.59	4123079.92	593607.59, 4123079.92	0.47292	1.1164	1.4012	0.30451	1.27152	6.38E-04	1.37E-03	1.54E-03	6.67E-06	7.25E-05	8.51E-07	9.24E-06	3.21E-06	3.48E-05	7.17E-04	1.38E-03	1.58E-03	3.67E-03	2.5E-07	7.5E-07	4.3E-07	8.3E-07	9.6E-07	8.7E-07	4.0E-07	8.3E-09	2.0E-07	5.5E-08	5.7E-08	4.1E-08	3.4E-08	0.0E+00	4.0E-07
287	UCART1	593647.59	4123079.92	593647.59, 4123079.92	0.54738	1.11676	1.55293	0.27457	1.22912	7.38E-04	1.37E-03	1.71E-03	6.02E-06	7.01E-05	7.67E-07	8.94E-06	2.89E-06	3.37E-05	8.14E-04	1.38E-03	1.75E-03	3.94E-03	2.8E-07	8.5E-07	4.9E-07	8.3E-07	1.1E-06	9.6E-07	4.4E-07	9.4E-09	2.3E-07	6.3E-08	5.7E-08	4.5E-08	3.8E-08	0.0E+00	4.4E-07
288	UCART1	593687.59	4123079.92	593687.59, 4123079.92	0.63566	1.06793	1.61543	0.24722	1.17618	8.57E-04	1.31E-03	1.78E-03	5.42E-06	6.70E-05	6.91E-07	8.55E-06	2.60E-06	3.22E-05	9.30E-04	1.32E-03	1.81E-03	4.06E-03	3.2E-07	9.7E-07	5.6E-07	8.0E-07	1.1E-06	1.0E-06	4.5E-07	1.1E-08	2.6E-07	7.2E-08	5.4E-08	4.7E-08	4.0E-08	0.0E+00	4.8E-07
289	UCART1	593727.59	4123079.92	593727.59, 4123079.92	0.72771	0.98677	1.57941	0.22255	1.10877	9.81E-04	1.21E-03	1.74E-03	4.88E-06	6.32E-05	6.22E-07	8.06E-06	2.34E-06	3.04E-05	1.05E-03	1.22E-03	1.77E-03	4.04E-03	3.6E-07	1.1E-06	6.3E-07	7.4E-07	1.1E-06	9.7E-07	4.4E-07	1.2E-08	2.9E-07	8.1E-08	5.0E-08	4.6E-08	3.9E-08	0.0E+00	5.2E-07
290	UCART1	593767.59	4123079.92	593767.59, 4123079.92	0.80776	0.8894	1.46565	0.20025	1.02455	1.09E-03	1.09E-03	1.61E-03	4.39E-06	5.84E-05	5.60E-07	7.45E-06	2.11E-06	2.81E-05	1.15E-03	1.10E-03	1.64E-03	3.89E-03	4.0E-07	1.2E-06	7.0E-07	6.6E-07	1.0E-06	9.0E-07	4.1E-07	1.3E-08	3.2E-07	8.9E-08	4.5E-08	4.2E-08	3.6E-08	0.0E+00	5.5E-07
291	UCART1	593807.59	4123079.92	593807.59, 4123079.92	0.86194	0.78749	1.30639	0.18033	0.92751	1.16E-03	9.63E-04	1.44E-03	3.95E-06	5.29E-05	5.04E-07	6.74E-06	1.90E-06	2.54E-05	1.22E-03	9.71E-04	1.47E-03	3.66E-03	4.2E-07	1.3E-06	7.4E-07	5.9E-07	8.9E-07	8.0E-07	3.7E-07	1.4E-08	3.4E-07	9.4E-08	4.0E-08	3.8E-08	3.2E-08	0.0E+00	5.6E-07
292	UCART1	593847.59	4123079.92	593847.59, 4123079.92	0.8832	0.68793	1.13074	0.16256	0.82474	1.19E-03	8.42E-04	1.25E-03	3.56E-06	4.70E-05	4.54E-07	6.00E-06	1.71E-06	2.26E-05	1.24E-03	8.48E-04	1.27E-03	3.36E-03	4.3E-07	1.3E-06	7.5E-07	5.1E-07	7.7E-07	7.0E-07	3.2E-07	1.4E-08	3.5E-07	9.6E-08	3.5E-08	3.3E-08	2.8E-08	0.0E+00	5.5E-07
293	UCART1	593887.59	4123079.92	593887.59, 4123079.92	0.87279	0.59471	0.95914	0.14673	0.7236	1.18E-03	7.28E-04	1.06E-03	3.22E-06	4.12E-05	4.10E-07	5.26E-06	1.55E-06	1.98E-05	1.22E-03	7.33E-04	1.08E-03	3.03E-03	4.2E-07	1.3E-06	7.4E-07	4.4E-07	6.5E-07	5.9E-07	2.7E-07	1.4E-08	3.4E-07	9.4E-08	3.0E-08	2.8E-08	2.3E-08	0.0E+00	5.3E-07
294	UCART1	593927.59	4123079.92	593927.59, 4123079.92	0.83719	0.51053	0.80416	0.1327	0.6291	1.13E-03	6.25E-04	8.86E-04	2.91E-06	3.59E-05	3.71E-07	4.57E-06	1.40E-06	1.72E-05	1.17E-03	6.30E-04	9.04E-04	2.70E-03	4.0E-07	1.2E-06	7.1E-07	3.8E-07	5.5E-07	5.0E-07	2.3E-07	1.3E-08	3.3E-07	9.0E-08	2.6E-08	2.3E-08	2.0E-08	0.0E+00	5.0E-07
295	UCART1	593967.59	4123079.92	593967.59, 4123079.92	0.78423	0.43656	0.67091	0.12032	0.54357	1.06E-03	5.34E-04	7.39E-04	2.64E-06	3.10E-05	3.36E-07	3.95E-06	1.27E-06	1.49E-05	1.09E-03	5.38E-04	7.55E-04	2.38E-03	3.8E-07	1.1E-06	6.6E-07	3.3E-07	4.6E-07	4.1E-07	1.9E-07	1.3E-08	3.0E-07	8.4E-08	2.2E-08	1.9E-08	1.6E-08	0.0E+00	4.6E-07
296	UCART1	594007.59	4123079.92	594007.59, 4123079.92	0.71935	0.37218	0.5587	0.10934	0.46687	9.70E-04	4.55E-04	6.15E-04	2.40E-06	2.66E-05	3.06E-07	3.39E-06	1.15E-06	1.28E-05	9.99E-04	4.59E-04	6.29E-04	2.09E-03	3.5E-07	1.0E-06	6.0E-07	2.8E-07	3.8E-07	3.5E-07	1.6E-07	1.2E-08	2.8E-07	7.7E-08	1.9E-08	1.6E-08	1.4E-08	0.0E+00	4.2E-07
297	UCART1	592567.59	4123119.92	592567.59, 4123119.92	0.039	0.0552	0.04876	0.15489	0.07112	5.26E-05	6.75E-05	5.37E-05	3.39E-06	4.05E-06	4.33E-07	5.17E-07	1.63E-06	1.95E-06	6.00E-05	6.85E-05	5.73E-05	1.86E-04	2.1E-08	6.3E-08	3.6E-08	4.1E-08	3.5E-08	3.1E-08	1.4E-08	6.9E-10	1.7E-08	4.6E-09	2.8E-09	1.5E-09	1.2E-09	0.0E+00	2.8E-08
298	UCART1	592607.59	4123119.92	592607.59, 4123119.92	0.04118	0.05942	0.05209	0.17781	0.07799	5.55E-05	7.27E-05	5.74E-05	3.90E-06	4.45E-06	4.97E-07	5.67E-07	1.87E-06	2.14E-06	6.39E-05	7.38E-05	6.14E-05	1.99E-04	2.2E-08	6.7E-08	3.9E-08	4.5E-08	3.7E-08	3.4E-08	1.5E-08	7.4E-10	1.8E-08	4.9E-09	3.0E-09	1.6E-09	1.3E-09	0.0E+00	2.9E-08
299	UCART1	592647.59	4123119.92	592647.59, 4123119.92	0.04291	0.06328	0.05526	0.20077	0.08521	5.79E-05	7.74E-05	6.09E-05	4.40E-06	4.86E-06	5.61E-07	6.20E-07	2.12E-06	2.34E-06	6.71E-05	7.86E-05	6.53E-05	2.11E-04	2.3E-08	7.0E-08	4.1E-08	4.8E-08	4.0E-08	3.6E-08	1.6E-08	7.8E-10	1.9E-08	5.2E-09	3.2E-09	1.7E-09	1.4E-09	0.0E+00	3.1E-08
300	UCART1	592687.59	4123119.92	592687.59, 4123119.92	0.04517	0.06774	0.05907	0.22792	0.0925	6.09E-05	8.29E-05	6.51E-05	4.99E-06	5.27E-06	6.37E-07	6.73E-07	2.40E-06	2.53E-06	7.12E-05	8.42E-05	7.00E-05	2.25E-04	2.5E-08	7.4E-08	4.3E-08	5.1E-08	4.2E-08	3.8E-08	1.8E-08	8.2E-10	2.0E-08	5.5E-09	3.5E-09	1.8E-09	1.5E-09	0.0E+00	3.3E-08
301	UCART1	592727.59	4123119.92	592727.59, 4123119.92	0.04802	0.07402	0.06382	0.26191	0.1047	6.48E-05	9.06E-05	7.03E-05	5.74E-06	5.97E-06	7.32E-07	7.61E-07	2.76E-06	2.87E-06	7.65E-05	9.20E-05	7.59E-05	2.44E-04	2.6E-08	8.0E-08	4.6E-08	5.6E-08	4.6E-08	4.2E-08	1.9E-08	8.8E-10	2.1E-08	5.9E-09	3.8E-09	1.9E-09	1.7E-09	0.0E+00	3.6E-08
302	UCART1	592767.59	4123119.92	592767.59, 4123119.92	0.05131	0.08172	0.06935	0.2993	0.11831	6.92E-05	1.00E-04	7.64E-05	6.56E-06	6.74E-06	8.37E-07	8.60E-07	3.15E-06	3.24E-06	8.25E-05	1.02E-04	8.28E-05	2.67E-04	2.9E-08	8.6E-08	5.0E-08	6.2E-08	5.0E-08	4.5E-08	2.1E-08	9.5E-10	2.3E-08	6.4E-09	4.2E-09	2.1E-09	1.8E-09	0.0E+00	3.8E-08
303	UCART1	592807.59	4123119.92	592807.59, 4123119.92	0.055	0.09075	0.07572	0.33733	0.13443	7.42E-05	1.11E-04	8.34E-05	7.39E-06	7.66E-06	9.43E-07	9.77E-07	3.55E-06	3.68E-06	8.92E-05	1.13E-04	9.06E-05	2.93E-04	3.1E-08	9.3E-08	5.4E-08	6.8E-08	5.5E-08	5.0E-08	2.3E-08	1.0E-09	2.5E-08	6.9E-09	4.6E-09	2.3E-09	2.0E-09	0.0E+00	4.2E-08
304	UCART1	592847.59	4123119.92	592847.59, 4123119.92	0.05918	0.1015	0.08315	0.38223	0.15405	7.98E-05	1.24E-04	9.16E-05	8.38E-06	8.78E-06	1.07E-06	1.12E-06	4.03E-06	4.22E-06	9.70E-05	1.26E-04	9.98E-05	3.23E-04	3.4E-08	1.0E-07	5.9E-08	7.6E-08	6.0E-08	5.5E-08	2.5E-08	1.1E-09	2.7E-08	7.5E-09	5.2E-09	2.6E-09	2.2E-09	0.0E+00	4.6E-08
305	UCART1	592887.59	4123119.92	592887.59, 4123119.92	0.06408	0.11463	0.09202	0.44674	0.17844	8.64E-05	1.40E-04	1.01E-04	9.79E-06	1.02E-05	1.25E-06	1.30E-06	4.71E-06	4.89E-06	1.06E-04	1.43E-04	1.11E-04	3.60E-04	3.7E-08	1.1E-07	6.4E-08	8.6E-08	6.7E-08	6.1E-08	2.8E-08	1.2E-09	3.0E-08	8.2E-09	5.9E-09	2.8E-09	2.4E-09	0.0E+00	5.0E-08
306	UCART1	592927.59	4123119.92	592927.59, 4123119.92	0.07008	0.12997	0.10266	0.53622	0.20864	9.45E-05	1.59E-04	1.13E-04	1.18E-05	1.19E-05	1.50E-06	1.52E-06	5.65E-06	5.72E-06	1.18E-04	1.62E-04	1.24E-04	4.05E-04	4.1E-08	1.2E-07	7.1E-08	9.8E-08	7.5E-08	6.8E-08	3.1E-08	1.4E-09	3.3E-08	9.1E-09	6.7E-09	3.2E-09	2.7E-09	0.0E+00	5.6E-08
307	UCART1	592967.59	4123119.92	592967.59, 4123119.92	0.07682	0.14837	0.11549	0.6369	0.24642	1.04E-04	1.82E-04	1.27E-04	1.40E-05	1.40E-05	1.78E-06	1.79E-06	6.71E-06	6.75E-06	1.32E-04	1.85E-04	1.41E-04	4.57E-04	4.6E-08	1.4E-07	8.0E-08	1.1E-07	8.5E-08	7.7E-08	3.5E-08	1.5E-09	3.7E-08	1.0E-08	7.6E-09	3.6E-09	3.1E-09	0.0E+00	6.3E-08
308	UCART1	593007.59	4123119.92	593007.59, 4123119.92	0.08469	0.1713	0.13151	0.72667	0.29527	1.14E-04	2.10E-04	1.45E-04	1.59E-05	1.68E-05	2.03E-06	2.15E-06	7.66E-06	8.09E-06	1.47E-04	2.14E-04	1.61E-04	5.21E-04	5.1E-08	1.5E-07	8.9E-08	1.3E-07	9.7E-08	8.8E-08	4.0E-08	1.7E-09	4.1E-08	1.1E-08	8.8E-09	4.1E-09	3.5E-09	0.0E+00	7.0E-08
309	UCART1	593047.59	4123119.92	593047.59, 4123119.92	0.09405	0.19976	0.15105	0.78867	0.35822	1.27E-04	2.44E-04	1.66E-04	1.73E-05	2.04E-05	2.20E-06	2.60E-06	8.31E-06	9.82E-06	1.65E-04	2.49E-04	1.85E-04	5.98E-04	5.7E-08	1.7E-07	1.0E-07	1.5E-07	1.1E-07	1.0E-07	4.6E-08	1.9E-09	4.6E-08	1.3E-08	1.0E-08	4.7E-09	4.0E-09	0.0E+00	8.0E-08
310	UCART1	593087.59	4123119.92	593087.59, 4123119.92	0.1056	0.23554	0.1768	0.8206	0.44124	1.42E-04	2.88E-04	1.95E-04	1.80E-05	2.52E-05	2.29E-06	3.21E-06	8.65E-06	1.21E-05	1.86E-04	2.94E-04	2.15E-04	6.95E-04	6.4E-08	1.9E-07	1.1E-07	1.8E-07	1.3E-07	1.2E-07	5.4E-08	2.1E-09	5.2E-08	1.4E-08	1.2E-08	5.5E-09	4.7E-09	0.0E+00	9.1E-08
311	UCART1	593127.59	4123119.92	593127.59, 4123119.92	0.1205	0.28014	0.20996	0.82385	0.54908	1.63E-04	3.43E-04	2.31E-04	1.81E-05	3.13E-05	2.30E-06	3.99E-06	8.68E-06	1.50E-05	2.12E-04	3.49E-04	2.55E-04	8.16E-04	7.3E-08	2.2E-07	1.3E-07	2.1E-07	1.5E-07	1.4E-07	6.4E-08	2.4E-09	5.9E-08	1.6E-08	1.4E-08	6.5E-09	5.6E-09	0.0E+00	1.0E-07
312	UCART1	593167.59	4123119.92	593167.59, 4123119.92	0.13701	0.33465	0.25148	0.8053	0.69412	1.85E-04	4.09E-04	2.77E-04	1.76E-05	3.96E-05	2.25E-06	5.05E-06	8.48E-06	1.90E-05	2.42E-04	4.17E-04	3.05E-04	9.63E-04	8.4E-08	2.5E-07	1.5E-07	2.5E-07	1.8E-07	1.7E-07	7.6E-08	2.8E-09	6.8E-08	1.9E-08	1.7E-08	7.8E-09	6.6E-09	0.0E+00	1.2E-07
313	UCART1	593207.59	4123119.92	593207.59, 4123119.92	0.15635	0.39916	0.30609	0.77163	0.90976	2.11E-04	4.88E-04	3.37E-04	1.69E-05	5.19E-05	2.16E-06	6.61E-06	8.13E-06	2.49E-05	2.80E-04	4.97E-04	3.70E-04	1.15E-03	9.7E-08	2.9E-07	1.7E-07	3.0E-07	2.2E-07	2.0E-07	9.3E-08	3.2E-09	7.8E-08	2.2E-08	2.0E-08	9.5E-09	8.1E-09	0.0E+00	1.4E-07
314	UCART1	593247.59	4123119.92	593247.59, 4123119.92	0.1804	0.47634	0.37994	0.7288	1.20139	2.43E-04	5.83E-04	4.18E-04	1.60E-05	6.85E-05	2.04E-06	8.73E-06	7.68E-06	3.29E-05	3.28E-04	5.94E-04	4.59E-04	1.38E-03	1.1E-07	3.4E-07	2.0E-07	3.6E-07	2.8E-07	2.5E-07	1.1E-07	3.8E-09	9.2E-08	2.5E-08	2.4E-08	1.2E-08	1.0E-08	0.0E+00	1.7E-07
315	UCART1	593287.59	4123119.92	593287.59, 4123119.92	0.20619	0.55417	0.46588	0.67907	1.48364	2.78E-04	6.78E-04	5.13E-04	1.49E-05	8.46E-05	1.90E-06	1.08E-05	7.15E-06	4.07E-05	3.78E-04	6.91E-04	5.61E-04	1.63E-03	1.3E-07	3.9E-07	2.3E-07	4.2E-07	3.4E-07	3.1E-07	1.4E-07	4.4E-09	1.1E-07	2.9E-08	2.8E-08	1.4E-08	1.2E-08	0.0E+00	1.9E-07
316	UCART1	593327.59	4123119.92	593327.59, 4123119.92	0.2394	0.63269	0.57865	0.62714	1.69833	3.23E-04	7.74E-04	6.37E-04	1.37E-05	9.68E-05	1.75E-06	1.23E-05	6.61E-06	4.65E-05	4.33E-04	7.88E-04	6.91E-04	1.91E-03	1.5E-07	4.5E-07	2.6E-07	4.8E-07	4.2E-07	3.8E-07	1.7E-07	5.0E-09	1.2E-07	3.3E-08	3.2E-08	1.8E-08	1.5E-08	0.0E+00	2.2E-07
317	UCART1	593367.59	4123119.92	593367.59, 4123119.92	0.27389	0.71195	0.70002	0.57352	1.81985	3.69E-04	8.71E-04	7.71E-04	1.26E-05	1.04E-04	1.60E-06	1.32E-05	6.04E-06	4.99E-05	4.86E-04	8.86E-04	8.27E-04	2.20E-03	1.7E-07	5.1E-07	2.9E-07	5.4E-07	5.0E-07	4.5E-07	2.1E-07	5.6E-09	1.4E-07	3.7E-08	3.6E-08	2.1E-08	1.8E-08	0.0E+00	2.5E-07
318	UCART1	593407.59	4123119.92	593407.59, 4123119.92	0.31638	0.85949	0.8531	0.52165	1.88252	4.27E-04	1.05E-03	9.40E-04	1.14E-05	1.07E-04	1.46E-06	1.37E-05	5.50E-06	5.16E-05	5.45E-04	1.07E-03	9.97E-04	2.61E-03	1.9E-07	5.7E-07	3.3E-07	6.5E-07	6.0E-07	5.5E-07	2.5E-07	6.3E-09	1.5E-07	4.2E-08	4.4E-08	2.6E-08	2.2E-08	0.0E+00	2.9E-07
319	UCART1	593447.59	4123119.92	593447.59, 4123119.92	0.36481	1.08994	1.04762	0.47096	1.89525	4.92E-04	1.33E-03	1.15E-03	1.03E-05	1.08E-04	1.32E-06	1.38E-05	4.96E-06	5.19E-05	6.10E-04	1.35E-03	1.21E-03	3.17E-03	2.1E-07	6.4E-07	3.7E-07	8.2E-07	7.3E-07	6.6E-07	3.0E-07	7.1E-09	1.7E-07	4.7E-08	5.5E-08	3.1E-08	2.6E-08	0.0E+00	3.4E-07
320	UCART1	593487.59	4123119.92	593487.59, 4123119.92	0.42755	1.34253	1.33259	0.4236	1.89	5.77E-04	1.64E-03	1.47E-03	9.28E-06	1.08E-04	1.18E-06	1.37E-05	4.46E-06	5.18E-05	6.94E-04	1.66E-03	1.52E-03	3.88E-03	2.4E-07	7.2E-07	4.2E-07	1.0E-06	9.2E-07	8.4E-07	3.8E-07	8.0E-09	1.9E-07	5.3E-08	6.8E-08	3.9E-08	3.3E-08	0.0E+00	4.0E-07
321	UCART1	593527.59	4123119.92	593527.59, 4123119.92	0.50128	1.51857	1.6738	0.37938	1.86169	6.76E-04	1.86E-03	1.84E-03	8.31E-06	1.06E-04	1.06E-06	1.35E-05	4.00E-06	5.10E-05	7.90E-04	1.87E-03	1.90E-03	4.56E-03	2.7E-07	8.3E-07	4.8E-07	1.1E-06	1.1E-06	1.0E-06	4.8E-07	9.1E-09	2.2E-07	6.1E-08	7.7E-08	4.9E-08	4.1E-08	0.0E+00	4.6E-07
322	UCART1	593567.59	4123119.92	593567.59, 4123119.92	0.59337	1.57887	2.02685	0.3391	1.8208	8.00E-04	1.93E-03	2.23E-03	7.43E-06	1.04E-04	9.48E-07	1.32E-05	3.57E-06	4.99E-05	9.11E-04	1.95E-03	2.29E-03	5.14E-03	3.2E-07	9.5E-07	5.5E-07	1.2E-06	1.4E-06	1.3E-06	5.7E-07	1.1E-08	2.5E-07	7.0E-08	8.0E-08	5.9E-08	5.0E-08	0.0E+00	5.2E-07
323	UCART1	593607.59	4123119.92	593607.59, 4123119.92	0.69804	1.52805	2.27931	0.3022	1.75567	9.41E-04	1.87E-03	2.51E-03	6.62E-06	1.00E-04	8.45E-07	1.28E-05	3.18E-06	4.81E-05	1.05E-03	1.88E-03	2.56E-03	5.49E-03	3.6E-07	1.1E-06	6.3E-07	1.1E-06	1.6E-06	1.4E-06	6.4E-07	1.2E-08	2.9E-07	8.1E-08	7.7E-08	6.6E-08	5.6E-08	0.0E+00	5.8E-07
324	UCART1	593647.59	4123119.92	593647.59, 4123119.92	0.82851	1.40785	2.37279	0.26929	1.67448	1.12E-03	1.72E-03	2.61E-03	5.90E-06	9.54E-05	7.53E-07	1.22E-05	2.84E-06	4.59E-05	1.22E-03	1.74E-03	2.66E-03	5.62E-03	4.2E-07	1.3E-06	7.4E-07	1.0E-06	1.6E-06	1.5E-06	6.7E-07	1.4E-08	3.4E-07	9.4E-08	7.1E-08	6.8E-08	5.8E-08	0.0E+00	6.5E-07
325	UCART1	593687.59	4123119.92	593687.59, 4123119.92	0.97286	1.25397	2.28095	0.2398	1.56998	1.31E-03	1.53E-03	2.51E-03	5.26E-06	8.95E-05	6.70E-07	1.14E-05	2.53E-06	4.30E-05	1.41E-03	1.55E-03	2.56E-03	5.51E-03	4.9E-07	1.5E-06	8.5E-07	9.4E-07	1.5E-06	1.4E-06	6.4E-07	1.6E-08	3.9E-07	1.1E-07	6.4E-08	6.6E-08	5.6E-08	0.0E+00	7.0E-07
326	UCART1	593727.59	4123119.92	593727.59, 4123119.92	1.09859	1.09253	2.05055	0.21369	1.42954	1.48E-03	1.34E-03	2.26E-03	4.68E-06	8.15E-05	5.97E-07	1.04E-05	2.25E-06	3.92E-05	1.57E-03	1.35E-03	2.30E-03	5.22E-03	5.4E-07	1.6E-06	9.5E-07	8.2E-07	1.4E-06	1.3E-06	5.8E-07	1.8E-08	4.4E-07	1.2E-07	5.5E-08	5.9E-08	5.0E-08	0.0E+00	7.4E-07
327	UCART1	593767.59	4123119.92	593767.59, 4123119.92	1.17494	0.93797	1.75533	0.1907	1.26017	1.58E-03	1.15E-03	1.93E-03	4.18E-06	7.18E-05	5.33E-07	9.16E-06	2.01E-06	3.45E-05	1.66E-03	1.16E-03	1.97E-03	4.79E-03	5.7E-07	1.7E-06	1.0E-06	7.0E-07	1.2E-06	1.1E-06	4.9E-07	1.9E-08	4.6E-07	1.3E-07	4.8E-08	5.1E-08	4.3E-08	0.0E+00	7.5E-07
328	UCART1	593807.59	4123119.92	593807.59, 4123119.92	1.19404	0.79745	1.4564	0.17053	1.08711	1.61E-03	9.76E-04	1.60E-03	3.74E-06	6.20E-05	4.77E-07	7.90E-06	1.80E-06	2.98E-05	1.68E-03	9.84E-04	1.64E-03	4.30E-03	5.8E-07	1.8E-06	1.0E-06	6.0E-07	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.7E-07	1.3E-07	4.0E-08	4.2E-08	3.6E-08	0.0E+00	7.3E-07
329	UCART1	593847.59	4123119.92	593847.59, 4123119.92	1.16278	0.6732	1.18657	0.15287	0.92622	1.57E-03	8.24E-04	1.31E-03	3.35E-06	5.28E-05	4.27E-07	6.73E-06	1.61E-06	2.54E-05	1.62E-03	8.31E-04	1.33E-03	3.79E-03	5.6E-07	1.7E-06	9.8E-07	5.0E-07	8.1E-07	7.3E-07	3.3E-07	1.9E-08	4.5E-07	1.3E-07	3.4E-08	3.4E-08	2.9E-08	0.0E+00	6.9E-07
330	UCART1	593887.59	4123119.92	593887.59, 4123119.92	1.09428	0.56523	0.95805	0.13737	0.78357	1.48E-03	6.91E-04	1.06E-03	3.01E-06	4.47E-05	3.84E-07	5.70E-06	1.45E-06	2.15E-05	1.52E-03	6.98E-04	1.08E-03	3.30E-03	5.3E-07	1.6E-06	9.2E-07	4.2E-07	6.5E-07	5.9E-07	2.7E-07	1.8E-08	4.3E-07	1.2E-07	2.9E-08	2.8E-08	2.3E-08	0.0E+00	6.4E-07
331	UCART1	593927.59	4123119.92	593927.59, 4123119.92	1.00314	0.47346	0.77271	0.12381	0.65981	1.35E-03	5.79E-04	8.51E-04	2.71E-06	3.76E-05	3.46E-07	4.80E-06	1.30E-06	1.81E-05	1.39E-03	5.84E-04	8.71E-04	2.85E-03	4.8E-07	1.5E-06	8.4E-07	3.5E-07	5.3E-07	4.8E-07	2.2E-07	1.6E-08	3.9E-07	1.1E-07	2.4E-08	2.2E-08	1.9E-08	0.0E+00	5.8E-07
332	UCART1	593967.59	4123119.92	593967.59, 4123119.92	0.90099	0.39664	0.62567	0.11197	0.55361	1.22E-03	4.85E-04	6.89E-04	2.45E-06	3.16E-05	3.13E-07	4.02E-06	1.18E-06	1.52E-05	1.25E-03	4.90E-04	7.06E-04	2.44E-03	4.3E-07	1.3E-06	7.6E-07	3.0E-07	4.3E-07	3.9E-07	1.8E-07	1.4E-08	3.5E-07	9.6E-08	2.0E-08	1.8E-08	1.5E-08	0.0E+00	5.1E-07
333	UCART1	594007.59	4123119.92	594007.59, 4123119.92	0.7952	0.33271	0.50958	0.1016	0.46285	1.07E-03	4.07E-04	5.61E-04	2.23E-06	2.64E-05	2.84E-07	3.37E-06	1.07E-06	1.27E-05	1.10E-03	4.11E-04	5.75E-04	2.09E-03	3.8E-07	1.2E-06	6.7E-07	2.5E-07	3.5E-07	3.2E-07	1.4E-07	1.3E-08	3.1E-07	8.5E-08	1.7E-08	1.5E-08	1.3E-08	0.0E+00	4.5E-07
334	UCART1	592567.59	4123159.92	592567.59, 4123159.92	0.04115	0.05851	0.05157	0.18281	0.07696	5.55E-05	7.16E-05	5.68E-05	4.01E-06	4.39E-06	5.11E-07	5.60E-07	1.93E-06	2.11E-06	6.39E-05	7.27E-05	6.08E-05	1.97E-04	2.2E-08	6.7E-08	3.9E-08	4.4E-08	3.7E-08	3.3E-08	1.5E-08	7.4E-10	1.8E-08	4.9E-09	3.0E-09	1.6E-09	1.3E-09	0.0E+00	2.9E-08
335	UCART1	592607.59	4123159.92	592607.59, 4123159.92	0.04364	0.06331	0.05532	0.21501	0.08506	5.89E-05	7.75E-05	6.09E-05	4.71E-06	4.85E-06	6.01E-07	6.18E-07	2.27E-06	2.33E-06	6.84E-05	7.87E-05	6.55E-05	2.13E-04	2.4E-08	7.2E-08	4.1E-08	4.8E-08	4.0E-08	3.6E-08	1.6E-08	7.9E-10	1.9E-08	5.3E-09	3.2E-09	1.7E-09	1.4E-09	0.0E+00	3.2E-08
336	UCART1	592647.59	4123159.92	592647.59, 4123159.92	0.04627	0.06868	0.05944	0.25459	0.09445	6.24E-05	8.40E-05	6.55E-05	5.58E-06	5.38E-06	7.12E-07	6.87E-07	2.68E-06	2.59E-06	7.34E-05	8.54E-05	7.07E-05	2.30E-04	2.5E-08	7.7E-08	4.4E-08	5.2E-08	4.3E-08	3.9E-08	1.8E-08	8.5E-10	2.0E-08	5.7E-09	3.5E-09	1.8E-09	1.5E-09	0.0E+00	3.4E-08
337	UCART1	592687.59	4123159.92	592687.59, 4123159.92	0.04837	0.07371	0.06349	0.29464	0.10453	6.52E-05	9.02E-05	6.99E-05	6.46E-06	5.96E-06	8.24E-07	7.60E-07	3.10E-06	2.86E-06	7.76E-05	9.18E-05	7.59E-05	2.45E-04	2.7E-08	8.1E-08	4.7E-08	5.6E-08	4.6E-08	4.2E-08	1.9E-08	9.0E-10	2.2E-08	6.0E-09	3.8E-09	1.9E-09	1.7E-09	0.0E+00	3.6E-08
338	UCART1	592727.59	4123159.92	592727.59, 4123159.92	0.05151	0.08055	0.06874	0.34867	0.1177	6.95E-05	9.85E-05	7.57E-05	7.64E-06	6.71E-06	9.75E-07	8.56E-07	3.67E-06	3.23E-06	8.38E-05	1.00E-04	8.26E-05	2.67E-04	2.9E-08	8.8E-08	5.1E-08	6.1E-08	5.0E-08	4.5E-08	2.1E-08	9.7E-10	2.3E-08	6.5E-09	4.1E-09	2.1E-09	1.8E-09	0.0E+00	3.9E-08
339	UCART1	592767.59	4123159.92	592767.59, 4123159.92	0.05521	0.0892	0.07502	0.41064	0.13413	7.45E-05	1.09E-04	8.26E-05	9.00E-06	7.65E-06	1.15E-06	9.75E-07	4.33E-06	3.68E-06	9.11E-05	1.11E-04	9.06E-05	2.93E-04	3.2E-08	9.5E-08	5.5E-08	6.7E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	2.5E-08	7.0E-09	4.6E-09	2.3E-09	2.0E-09	0.0E+00	4.2E-08
340	UCART1	592807.59	4123159.92	592807.59, 4123159.92	0.05945	0.0997	0.08239	0.47718	0.15444	8.02E-05	1.22E-04	9.08E-05	1.05E-05	8.80E-06	1.33E-06	1.12E-06	5.03E-06	4.23E-06	9.94E-05	1.24E-04	1.00E-04	3.24E-04	3.4E-08	1.0E-07	6.0E-08	7.5E-08	6.1E-08	5.5E-08	2.5E-08	1.1E-09	2.8E-08	7.7E-09	5.1E-09	2.6E-09	2.2E-09	0.0E+00	4.6E-08
341	UCART1	592847.59	4123159.92	592847.59, 4123159.92	0.06428	0.11232	0.09106	0.56319	0.17968	8.67E-05	1.37E-04	1.00E-04	1.23E-05	1.02E-05	1.57E-06	1.31E-06	5.93E-06	4.92E-06	1.09E-04	1.40E-04	1.11E-04	3.61E-04	3.8E-08	1.1E-07	6.6E-08	8.5E-08	6.7E-08	6.1E-08	2.8E-08	1.3E-09	3.1E-08	8.4E-09	5.8E-09	2.9E-09	2.4E-09	0.0E+00	5.1E-08
342	UCART1	592887.59	4123159.92	592887.59, 4123159.92	0.07	0.12793	0.10152	0.69827	0.21191	9.44E-05	1.57E-04	1.12E-04	1.53E-05	1.21E-05	1.95E-06	1.54E-06	7.36E-06	5.81E-06	1.22E-04	1.60E-04	1.25E-04	4.07E-04	4.2E-08	1.3E-07	7.4E-08	9.7E-08	7.6E-08	6.9E-08	3.1E-08	1.4E-09	3.4E-08	9.4E-09	6.6E-09	3.2E-09	2.7E-09	0.0E+00	5.7E-08
343	UCART1	592927.59	4123159.92	592927.59, 4123159.92	0.077	0.14662	0.11426	0.86809	0.25339	1.04E-04	1.79E-04	1.26E-04	1.90E-05	1.44E-05	2.43E-06	1.84E-06	9.15E-06	6.94E-06	1.37E-04	1.84E-04	1.42E-04	4.63E-04	4.8E-08	1.4E-07	8.3E-08	1.1E-07	8.6E-08	7.8E-08	3.6E-08	1.6E-09	3.8E-08	1.1E-08	7.5E-09	3.6E-09	3.1E-09	0.0E+00	6.5E-08
344	UCART1	592967.59	4123159.92	592967.59, 4123159.92	0.08509	0.16973	0.12999	1.01544	0.30822	1.15E-04	2.08E-04	1.43E-04	2.23E-05	1.76E-05	2.84E-06	2.24E-06	1.07E-05	8.45E-06	1.55E-04	2.13E-04	1.62E-04	5.30E-04	5.4E-08	1.6E-07	9.4E-08	1.3E-07	9.8E-08	8.9E-08	4.1E-08	1.8E-09	4.3E-08	1.2E-08	8.7E-09	4.2E-09	3.5E-09	0.0E+00	7.3E-08
345	UCART1	593007.59	4123159.92	593007.59, 4123159.92	0.09486	0.19928	0.14976	1.10361	0.3839	1.28E-04	2.44E-04	1.65E-04	2.42E-05	2.19E-05	3.08E-06	2.79E-06	1.16E-05	1.05E-05	1.74E-04	2.50E-04	1.87E-04	6.11E-04	6.0E-08	1.8E-07	1.1E-07	1.5E-07	1.1E-07	1.0E-07	4.7E-08	2.0E-09	4.9E-08	1.3E-08	1.0E-08	4.8E-09	4.1E-09	0.0E+00	8.3E-08
346	UCART1	593047.59	4123159.92	593047.59, 4123159.92	0.10571	0.23655	0.17355	1.12785	0.48793	1.43E-04	2.89E-04	1.91E-04	2.47E-05	2.78E-05	3.15E-06	3.55E-06	1.19E-05	1.34E-05	1.95E-04	2.96E-04	2.16E-04	7.08E-04	6.8E-08	2.0E-07	1.2E-07	1.8E-07	1.3E-07	1.2E-07	5.4E-08	2.3E-09	5.4E-08	1.5E-08	1.2E-08	5.6E-09	4.7E-09	0.0E+00	9.4E-08
347	UCART1	593087.59	4123159.92	593087.59, 4123159.92	0.11926	0.28567	0.20509	1.10835	0.63824	1.61E-04	3.49E-04	2.26E-04	2.43E-05	3.64E-05	3.10E-06	4.64E-06	1.17E-05	1.75E-05	2.21E-04	3.57E-04	2.55E-04	8.34E-04	7.7E-08	2.3E-07	1.3E-07	2.2E-07	1.5E-07	1.4E-07	6.4E-08	2.6E-09	6.2E-08	1.7E-08	1.5E-08	6.5E-09	5.6E-09	0.0E+00	1.1E-07
348	UCART1	593127.59	4123159.92	593127.59, 4123159.92	0.13691	0.35032	0.24672	1.05909	0.85552	1.85E-04	4.29E-04	2.72E-04	2.32E-05	4.88E-05	2.96E-06	6.22E-06	1.12E-05	2.34E-05	2.57E-04	4.38E-04	3.06E-04	1.00E-03	8.9E-08	2.7E-07	1.6E-07	2.6E-07	1.9E-07	1.7E-07	7.7E-08	3.0E-09	7.2E-08	2.0E-08	1.8E-08	7.9E-09	6.7E-09	0.0E+00	1.3E-07
349	UCART1	593167.59	4123159.92	593167.59, 4123159.92	0.15861	0.43718	0.30474	0.99387	1.20347	2.14E-04	5.35E-04	3.36E-04	2.18E-05	6.86E-05	2.78E-06	8.75E-06	1.05E-05	3.30E-05	3.04E-04	5.46E-04	3.79E-04	1.23E-03	1.1E-07	3.2E-07	1.8E-07	3.3E-07	2.3E-07	2.1E-07	9.5E-08	3.5E-09	8.5E-08	2.3E-08	2.2E-08	9.7E-09	8.3E-09	0.0E+00	1.5E-07
350	UCART1	593207.59	4123159.92	593207.59, 4123159.92	0.18422	0.54985	0.38297	0.91945	1.7771	2.48E-04	6.73E-04	4.22E-04	2.01E-05	1.01E-04	2.57E-06	1.29E-05	9.69E-06	4.87E-05	3.70E-04	6.88E-04	4.80E-04	1.54E-03	1.3E-07	3.9E-07	2.2E-07	4.2E-07	2.9E-07	2.6E-07	1.2E-07	4.3E-09	1.0E-07	2.8E-08	2.8E-08	1.2E-08	1.0E-08	0.0E+00	1.9E-07
351	UCART1	593247.59	4123159.92	593247.59, 4123159.92	0.21635	0.69313	0.49247	0.84194	2.3974	2.92E-04	8.48E-04	5.42E-04	1.85E-05	1.37E-04	2.35E-06	1.74E-05	8.87E-06	6.57E-05	4.47E-04	8.68E-04	6.17E-04	1.93E-03	1.5E-07	4.7E-07	2.7E-07	5.3E-07	3.7E-07	3.4E-07	1.5E-07	5.2E-09	1.2E-07	3.4E-08	3.6E-08	1.6E-08	1.3E-08	0.0E+00	2.3E-07
352	UCART1	593287.59	4123159.92	593287.59, 4123159.92	0.25304	0.84911	0.63492	0.76341	2.78414	3.41E-04	1.04E-03	6.99E-04	1.67E-05	1.59E-04	2.13E-06	2.02E-05	8.04E-06	7.63E-05	5.17E-04	1.06E-03	7.84E-04	2.36E-03	1.8E-07	5.4E-07	3.1E-07	6.4E-07	4.7E-07	4.3E-07	2.0E-07	6.0E-09	1.4E-07	4.0E-08	4.4E-08	2.0E-08	1.7E-08	0.0E+00	2.7E-07
353	UCART1	593327.59	4123159.92	593327.59, 4123159.92	0.29821	1.01052	0.83118	0.68744	2.95706	4.02E-04	1.24E-03	9.16E-04	1.51E-05	1.69E-04	1.92E-06	2.15E-05	7.24E-06	8.10E-05	5.86E-04	1.26E-03	1.00E-03	2.85E-03	2.0E-07	6.1E-07	3.5E-07	7.6E-07	6.1E-07	5.5E-07	2.5E-07	6.8E-09	1.6E-07	4.5E-08	5.2E-08	2.6E-08	2.2E-08	0.0E+00	3.1E-07
354	UCART1	593367.59	4123159.92	593367.59, 4123159.92	0.35071	1.23453	1.07293	0.61496	3.00364	4.73E-04	1.51E-03	1.18E-03	1.35E-05	1.71E-04	1.72E-06	2.18E-05	6.48E-06	8.23E-05	6.58E-04	1.53E-03	1.27E-03	3.46E-03	2.3E-07	6.9E-07	4.0E-07	9.3E-07	7.7E-07	7.0E-07	3.2E-07	7.6E-09	1.8E-07	5.1E-08	6.3E-08	3.3E-08	2.8E-08	0.0E+00	3.7E-07
355	UCART1	593407.59	4123159.92	593407.59, 4123159.92	0.41601	1.64291	1.39452	0.54769	2.99352	5.61E-04	2.01E-03	1.54E-03	1.20E-05	1.71E-04	1.53E-06	2.18E-05	5.77E-06	8.20E-05	7.44E-04	2.03E-03	1.62E-03	4.40E-03	2.6E-07	7.8E-07	4.5E-07	1.2E-06	9.8E-07	8.9E-07	4.1E-07	8.6E-09	2.1E-07	5.7E-08	8.4E-08	4.2E-08	3.5E-08	0.0E+00	4.3E-07
356	UCART1	593447.59	4123159.92	593447.59, 4123159.92	0.49861	2.10214	1.87207	0.48528	2.95321	6.72E-04	2.57E-03	2.06E-03	1.06E-05	1.68E-04	1.36E-06	2.15E-05	5.11E-06	8.09E-05	8.51E-04	2.59E-03	2.15E-03	5.59E-03	2.9E-07	8.9E-07	5.2E-07	1.6E-06	1.3E-06	1.2E-06	5.4E-07	9.8E-09	2.4E-07	6.6E-08	1.1E-07	5.5E-08	4.7E-08	0.0E+00	5.2E-07
357	UCART1	593487.59	4123159.92	593487.59, 4123159.92	0.60722	2.36102	2.50086	0.42868	2.90679	8.19E-04	2.89E-03	2.75E-03	9.39E-06	1.66E-04	1.20E-06	2.11E-05	4.52E-06	7.97E-05	9.94E-04	2.91E-03	2.84E-03	6.74E-03	3.4E-07	1.0E-06	6.0E-07	1.8E-06	1.7E-06	1.6E-06	7.1E-07	1.1E-08	2.8E-07	7.7E-08	1.2E-07	7.3E-08	6.2E-08	0.0E+00	6.2E-07
358	UCART1	593527.59	4123159.92	593527.59, 4123159.92	0.74703	2.35273	3.13603	0.37791	2.84865	1.01E-03	2.88E-03	3.45E-03	8.28E-06	1.62E-04	1.06E-06	2.07E-05	3.98E-06	7.81E-05	1.18E-03	2.90E-03	3.54E-03	7.61E-03	4.1E-07	1.2E-06	7.1E-07	1.8E-06	2.1E-06	1.9E-06	8.9E-07	1.4E-08	3.3E-07	9.1E-08	1.2E-07	9.1E-08	7.7E-08	0.0E+00	7.2E-07
359	UCART1	593567.59	4123159.92	593567.59, 4123159.92	0.91739	2.16313	3.61172	0.33303	2.76816	1.24E-03	2.65E-03	3.98E-03	7.30E-06	1.58E-04	9.31E-07	2.01E-05	3.51E-06	7.59E-05	1.40E-03	2.67E-03	4.06E-03	8.13E-03	4.9E-07	1.5E-06	8.5E-07	1.6E-06	2.5E-06	2.2E-06	1.0E-06	1.6E-08	3.9E-07	1.1E-07	1.1E-07	1.0E-07	8.8E-08	0.0E+00	8.2E-07
360	UCART1	593607.59	4123159.92	593607.59, 4123159.92	1.12318	1.89054	3.75865	0.29298	2.64616	1.51E-03	2.31E-03	4.14E-03	6.42E-06	1.51E-04	8.19E-07	1.92E-05	3.09E-06	7.25E-05	1.67E-03	2.33E-03	4.22E-03	8.22E-03	5.8E-07	1.7E-06	1.0E-06	1.4E-06	2.6E-06	2.3E-06	1.1E-06	1.9E-08	4.7E-07	1.3E-07	9.6E-08	1.1E-07	9.2E-08	0.0E+00	9.1E-07
361	UCART1	593647.59	4123159.92	593647.59, 4123159.92	1.3727	1.60818	3.52715	0.25798	2.47542	1.85E-03	1.97E-03	3.89E-03	5.65E-06	1.41E-04	7.21E-07	1.80E-05	2.72E-06	6.78E-05	2.00E-03	1.99E-03	3.96E-03	7.94E-03	6.9E-07	2.1E-06	1.2E-06	1.2E-06	2.4E-06	2.2E-06	9.9E-07	2.3E-08	5.6E-07	1.5E-07	8.2E-08	1.0E-07	8.6E-08	0.0E+00	1.0E-06
362	UCART1	593687.59	4123159.92	593687.59, 4123159.92	1.59473	1.34706	3.02595	0.22754	2.21541	2.15E-03	1.65E-03	3.33E-03	4.99E-06	1.26E-04	6.36E-07	1.61E-05	2.40E-06	6.07E-05	2.28E-03	1.66E-03	3.40E-03	7.34E-03	7.9E-07	2.4E-06	1.4E-06	1.0E-06	2.1E-06	1.9E-06	8.5E-07	2.6E-08	6.4E-07	1.8E-07	6.8E-08	8.7E-08	7.4E-08	0.0E+00	1.1E-06
363	UCART1	593727.59	4123159.92	593727.59, 4123159.92	1.70904	1.11771	2.44405	0.20114	1.86681	2.30E-03	1.37E-03	2.69E-03	4.41E-06	1.06E-04	5.62E-07	1.36E-05	2.12E-06	5.12E-05	2.42E-03	1.38E-03	2.75E-03	6.54E-03	8.4E-07	2.5E-06	1.5E-06	8.4E-07	1.7E-06	1.5E-06	6.9E-07	2.8E-08	6.7E-07	1.9E-07	5.7E-08	7.0E-08	6.0E-08	0.0E+00	1.1E-06
364	UCART1	593767.59	4123159.92	593767.59, 4123159.92	1.70308	0.92169	1.91025	0.17832	1.52436	2.30E-03	1.13E-03	2.10E-03	3.91E-06	8.69E-05	4.98E-07	1.11E-05	1.88E-06	4.18E-05	2.39E-03	1.14E-03	2.15E-03	5.67E-03	8.3E-07	2.5E-06	1.4E-06	6.9E-07	1.3E-06	1.2E-06	5.4E-07	2.8E-08	6.7E-07	1.8E-07	4.7E-08	5.5E-08	4.7E-08	0.0E+00	1.0E-06
365	UCART1	593807.59	4123159.92	593807.59, 4123159.92	1.61421	0.75722	1.47372	0.15863	1.23961	2.18E-03	9.26E-04	1.62E-03	3.48E-06	7.07E-05	4.43E-07	9.01E-06	1.67E-06	3.40E-05	2.25E-03	9.36E-04	1.66E-03	4.85E-03	7.8E-07	2.4E-06	1.4E-06	5.7E-07	1.0E-06	9.1E-07	4.2E-07	2.6E-08	6.3E-07	1.7E-07	3.8E-08	4.3E-08	3.6E-08	0.0E+00	9.5E-07
366	UCART1	593847.59	4123159.92	593847.59, 4123159.92	1.47821	0.62103	1.13609	0.14166	1.01055	1.99E-03	7.60E-04	1.25E-03	3.10E-06	5.76E-05	3.96E-07	7.35E-06	1.49E-06	2.77E-05	2.05E-03	7.67E-04	1.28E-03	4.10E-03	7.1E-07	2.1E-06	1.2E-06	4.6E-07	7.7E-07	7.0E-07	3.2E-07	2.4E-08	5.7E-07	1.6E-07	3.2E-08	3.3E-08	2.8E-08	0.0E+00	8.5E-07
367	UCART1	593887.59	4123159.92	593887.59, 4123159.92	1.3177	0.50909	0.88091	0.12695	0.82398	1.78E-03	6.23E-04	9.70E-04	2.78E-06	4.70E-05	3.55E-07	5.99E-06	1.34E-06	2.26E-05	1.83E-03	6.29E-04	9.94E-04	3.45E-03	6.3E-07	1.9E-06	1.1E-06	3.8E-07	6.0E-07	5.5E-07	2.5E-07	2.1E-08	5.1E-07	1.4E-07	2.6E-08	2.6E-08	2.2E-08	0.0E+00	7.4E-07
368	UCART1	593927.59	4123159.92	593927.59, 4123159.92	1.15026	0.41835	0.69044	0.11423	0.67046	1.55E-03	5.12E-04	7.61E-04	2.50E-06	3.82E-05	3.19E-07	4.87E-06	1.20E-06	1.84E-05	1.59E-03	5.17E-04	7.80E-04	2.89E-03	5.5E-07	1.7E-06	9.6E-07	3.1E-07	4.7E-07	4.3E-07	2.0E-07	1.8E-08	4.4E-07	1.2E-07	2.1E-08	2.0E-08	1.7E-08	0.0E+00	6.4E-07
369	UCART1	593967.59	4123159.92	593967.59, 4123159.92	0.98799	0.34545	0.54823	0.10321	0.54457	1.33E-03	4.23E-04	6.04E-04	2.26E-06	3.10E-05	2.88E-07	3.96E-06	1.09E-06	1.49E-05	1.37E-03	4.27E-04	6.20E-04	2.41E-03	4.7E-07	1.4E-06	8.3E-07	2.6E-07	3.8E-07	3.4E-07	1.6E-07	1.6E-08	3.8E-07	1.1E-07	1.8E-08	1.6E-08	1.4E-08	0.0E+00	5.5E-07
370	UCART1	594007.59	4123159.92	594007.59, 4123159.92	0.83825	0.28712	0.44118	0.09362	0.44231	1.13E-03	3.51E-04	4.86E-04	2.05E-06	2.52E-05	2.62E-07	3.22E-06	9.86E-07	1.21E-05	1.16E-03	3.55E-04	4.99E-04	2.01E-03	4.0E-07	1.2E-06	7.0E-07	2.1E-07	3.0E-07	2.7E-07	1.2E-07	1.3E-08	3.2E-07	8.9E-08	1.5E-08	1.3E-08	1.1E-08	0.0E+00	4.6E-07
371	UCART1	592567.59	4123199.92	592567.59, 4123199.92	0.04328	0.06177	0.0545	0.21675	0.08331	5.84E-05	7.56E-05	6.00E-05	4.75E-06	4.75E-06	6.06E-07	6.06E-07	2.28E-06	2.28E-06	6.79E-05	7.68E-05	6.46E-05	2.09E-04	2.3E-08	7.1E-08	4.1E-08	4.6E-08	3.9E-08	3.5E-08	1.6E-08	7.8E-10	1.9E-08	5.2E-09	3.2E-09	1.7E-09	1.4E-09	0.0E+00	3.1E-08
372	UCART1	592607.59	4123199.92	592607.59, 4123199.92	0.04601	0.06713	0.0586	0.26254	0.09274	6.20E-05	8.21E-05	6.45E-05	5.75E-06	5.29E-06	7.34E-07	6.74E-07	2.77E-06	2.54E-06	7.31E-05	8.35E-05	6.99E-05	2.26E-04	2.5E-08	7.6E-08	4.4E-08	5.1E-08	4.2E-08	3.8E-08	1.7E-08	8.4E-10	2.0E-08	5.6E-09	3.4E-09	1.8E-09	1.5E-09	0.0E+00	3.4E-08
373	UCART1	592647.59	4123199.92	592647.59, 4123199.92	0.04906	0.07329	0.06328	0.32263	0.10406	6.62E-05	8.97E-05	6.97E-05	7.07E-06	5.93E-06	9.02E-07	7.57E-07	3.40E-06	2.85E-06	7.92E-05	9.13E-05	7.60E-05	2.46E-04	2.7E-08	8.3E-08	4.8E-08	5.5E-08	4.6E-08	4.2E-08	1.9E-08	9.2E-10	2.2E-08	6.1E-09	3.8E-09	1.9E-09	1.7E-09	0.0E+00	3.6E-08
374	UCART1	592687.59	4123199.92	592687.59, 4123199.92	0.052	0.07997	0.06842	0.39746	0.11704	7.01E-05	9.78E-05	7.54E-05	8.71E-06	6.67E-06	1.11E-06	8.51E-07	4.19E-06	3.21E-06	8.55E-05	9.98E-05	8.28E-05	2.68E-04	3.0E-08	8.9E-08	5.2E-08	6.0E-08	5.0E-08	4.5E-08	2.1E-08	9.9E-10	2.4E-08	6.6E-09	4.1E-09	2.1E-09	1.8E-09	0.0E+00	3.9E-08
375	UCART1	592727.59	4123199.92	592727.59, 4123199.92	0.05519	0.08735	0.07413	0.48721	0.13259	7.44E-05	1.07E-04	8.17E-05	1.07E-05	7.56E-06	1.36E-06	9.64E-07	5.13E-06	3.63E-06	9.27E-05	1.09E-04	9.04E-05	2.92E-04	3.2E-08	9.7E-08	5.6E-08	6.6E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	2.6E-08	7.1E-09	4.5E-09	2.3E-09	2.0E-09	0.0E+00	4.3E-08
376	UCART1	592767.59	4123199.92	592767.59, 4123199.92	0.05939	0.09717	0.08123	0.60632	0.15301	8.01E-05	1.19E-04	8.95E-05	1.33E-05	8.72E-06	1.69E-06	1.11E-06	6.39E-06	4.19E-06	1.02E-04	1.22E-04	1.00E-04	3.24E-04	3.5E-08	1.1E-07	6.2E-08	7.4E-08	6.1E-08	5.5E-08	2.5E-08	1.2E-09	2.9E-08	7.9E-09	5.0E-09	2.6E-09	2.2E-09	0.0E+00	4.7E-08
377	UCART1	592807.59	4123199.92	592807.59, 4123199.92	0.06425	0.10925	0.08967	0.74159	0.17883	8.66E-05	1.34E-04	9.88E-05	1.63E-05	1.02E-05	2.07E-06	1.30E-06	7.81E-06	4.90E-06	1.13E-04	1.37E-04	1.11E-04	3.62E-04	3.9E-08	1.2E-07	6.8E-08	8.3E-08	6.7E-08	6.1E-08	2.8E-08	1.3E-09	3.2E-08	8.7E-09	5.6E-09	2.9E-09	2.4E-09	0.0E+00	5.3E-08
378	UCART1	592847.59	4123199.92	592847.59, 4123199.92	0.07023	0.12449	0.09994	0.95513	0.21245	9.47E-05	1.52E-04	1.10E-04	2.09E-05	1.21E-05	2.67E-06	1.54E-06	1.01E-05	5.82E-06	1.28E-04	1.57E-04	1.26E-04	4.10E-04	4.4E-08	1.3E-07	7.7E-08	9.5E-08	7.6E-08	6.9E-08	3.2E-08	1.5E-09	3.6E-08	9.8E-09	6.4E-09	3.2E-09	2.7E-09	0.0E+00	5.9E-08
379	UCART1	592887.59	4123199.92	592887.59, 4123199.92	0.07699	0.14271	0.1121	1.27196	0.2556	1.04E-04	1.75E-04	1.23E-04	2.79E-05	1.46E-05	3.56E-06	1.86E-06	1.34E-05	7.00E-06	1.46E-04	1.80E-04	1.44E-04	4.70E-04	5.1E-08	1.5E-07	8.9E-08	1.1E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	4.1E-08	1.1E-08	7.4E-09	3.7E-09	3.1E-09	0.0E+00	6.8E-08
380	UCART1	592927.59	4123199.92	592927.59, 4123199.92	0.08504	0.16558	0.12713	1.54595	0.31333	1.15E-04	2.03E-04	1.40E-04	3.39E-05	1.79E-05	4.32E-06	2.28E-06	1.63E-05	8.59E-06	1.66E-04	2.09E-04	1.65E-04	5.40E-04	5.8E-08	1.7E-07	1.0E-07	1.3E-07	1.0E-07	9.0E-08	4.1E-08	1.9E-09	4.6E-08	1.3E-08	8.6E-09	4.2E-09	3.6E-09	0.0E+00	7.8E-08
381	UCART1	592967.59	4123199.92	592967.59, 4123199.92	0.09478	0.19484	0.14592	1.66579	0.39457	1.28E-04	2.38E-04	1.61E-04	3.65E-05	2.25E-05	4.66E-06	2.87E-06	1.76E-05	1.08E-05	1.87E-04	2.46E-04	1.89E-04	6.22E-04	6.5E-08	2.0E-07	1.1E-07	1.5E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	5.2E-08	1.4E-08	1.0E-08	4.9E-09	4.1E-09	0.0E+00	8.8E-08
382	UCART1	593007.59	4123199.92	593007.59, 4123199.92	0.10596	0.23226	0.16922	1.65143	0.5133	1.43E-04	2.84E-04	1.86E-04	3.62E-05	2.93E-05	4.62E-06	3.73E-06	1.74E-05	1.41E-05	2.08E-04	2.92E-04	2.18E-04	7.19E-04	7.2E-08	2.2E-07	1.3E-07	1.8E-07	1.3E-07	1.2E-07	5.5E-08	2.4E-09	5.8E-08	1.6E-08	1.2E-08	5.6E-09	4.7E-09	0.0E+00	9.9E-08
383	UCART1	593047.59	4123199.92	593047.59, 4123199.92	0.12	0.28251	0.19991	1.56491	0.70294	1.62E-04	3.46E-04	2.20E-04	3.43E-05	4.01E-05	4.37E-06	5.11E-06	1.65E-05	1.93E-05	2.36E-04	3.55E-04	2.56E-04	8.47E-04	8.2E-08	2.5E-07	1.4E-07	2.1E-07	1.5E-07	1.4E-07	6.4E-08	2.7E-09	6.6E-08	1.8E-08	1.5E-08	6.6E-09	5.6E-09	0.0E+00	1.1E-07
384	UCART1	593087.59	4123199.92	593087.59, 4123199.92	0.13708	0.35089	0.24008	1.44414	1.0225	1.85E-04	4.29E-04	2.64E-04	3.16E-05	5.83E-05	4.04E-06	7.43E-06	1.52E-05	2.80E-05	2.75E-04	4.41E-04	3.08E-04	1.02E-03	9.5E-08	2.9E-07	1.7E-07	2.7E-07	1.9E-07	1.7E-07	7.7E-08	3.2E-09	7.7E-08	2.1E-08	1.8E-08	7.9E-09	6.7E-09	0.0E+00	1.3E-07
385	UCART1	593127.59	4123199.92	593127.59, 4123199.92	0.1573	0.44488	0.29296	1.31229	1.59473	2.12E-04	5.44E-04	3.23E-04	2.88E-05	9.09E-05	3.67E-06	1.16E-05	1.38E-05	4.37E-05	3.32E-04	5.60E-04	3.80E-04	1.27E-03	1.1E-07	3.5E-07	2.0E-07	3.4E-07	2.3E-07	2.1E-07	9.5E-08	3.8E-09	9.3E-08	2.6E-08	2.3E-08	9.8E-09	8.3E-09	0.0E+00	1.6E-07
386	UCART1	593167.59	4123199.92	593167.59, 4123199.92	0.18488	0.58428	0.37122	1.18394	2.87166	2.49E-04	7.15E-04	4.09E-04	2.59E-05	1.64E-04	3.31E-06	2.09E-05	1.25E-05	7.87E-05	4.39E-04	7.39E-04	5.00E-04	1.68E-03	1.5E-07	4.6E-07	2.7E-07	4.5E-07	3.0E-07	2.7E-07	1.3E-07	5.1E-09	1.2E-07	3.4E-08	3.0E-08	1.3E-08	1.1E-08	0.0E+00	2.2E-07
387	UCART1	593207.59	4123199.92	593207.59, 4123199.92	0.21877	0.78845	0.48212	1.05988	4.81444	2.95E-04	9.65E-04	5.31E-04	2.32E-05	2.74E-04	2.96E-06	3.50E-05	1.12E-05	1.32E-04	5.93E-04	1.00E-03	6.74E-04	2.27E-03	2.1E-07	6.2E-07	3.6E-07	6.1E-07	4.1E-07	3.7E-07	1.7E-07	6.9E-09	1.7E-07	4.6E-08	4.1E-08	1.7E-08	1.5E-08	0.0E+00	2.9E-07
388	UCART1	593247.59	4123199.92	593247.59, 4123199.92	0.26269	1.09124	0.64892	0.94283	5.6692	3.54E-04	1.33E-03	7.15E-04	2.07E-05	3.23E-04	2.64E-06	4.12E-05	9.93E-06	1.55E-04	6.98E-04	1.38E-03	8.80E-04	2.96E-03	2.4E-07	7.3E-07	4.2E-07	8.3E-07	5.3E-07	4.8E-07	2.2E-07	8.1E-09	1.9E-07	5.4E-08	5.7E-08	2.3E-08	1.9E-08	0.0E+00	3.6E-07
389	UCART1	593287.59	4123199.92	593287.59, 4123199.92	0.31563	1.48743	0.89885	0.83305	5.81429	4.26E-04	1.82E-03	9.90E-04	1.83E-05	3.31E-04	2.33E-06	4.23E-05	8.78E-06	1.59E-04	7.75E-04	1.86E-03	1.16E-03	3.80E-03	2.7E-07	8.1E-07	4.7E-07	1.1E-06	7.0E-07	6.4E-07	2.9E-07	9.0E-09	2.2E-07	6.0E-08	7.7E-08	3.0E-08	2.5E-08	0.0E+00	4.2E-07
390	UCART1	593327.59	4123199.92	593327.59, 4123199.92	0.3827	1.97997	1.2908	0.7325	5.76142	5.16E-04	2.42E-03	1.42E-03	1.61E-05	3.28E-04	2.05E-06	4.19E-05	7.72E-06	1.58E-04	8.61E-04	2.47E-03	1.59E-03	4.91E-03	3.0E-07	9.0E-07	5.2E-07	1.5E-06	9.6E-07	8.7E-07	4.0E-07	9.9E-09	2.4E-07	6.6E-08	1.0E-07	4.1E-08	3.5E-08	0.0E+00	4.9E-07
391	UCART1	593367.59	4123199.92	593367.59, 4123199.92	0.46485	2.84452	1.84584	0.64124	5.65035	6.27E-04	3.48E-03	2.03E-03	1.41E-05	3.22E-04	1.79E-06	4.11E-05	6.76E-06	1.55E-04	9.63E-04	3.52E-03	2.19E-03	6.68E-03	3.3E-07	1.0E-06	5.8E-07	2.1E-06	1.3E-06	1.2E-06	5.5E-07	1.1E-08	2.7E-07	7.4E-08	1.4E-07	5.6E-08	4.8E-08	0.0E+00	6.0E-07
392	UCART1	593407.59	4123199.92	593407.59, 4123199.92	0.57131	3.83684	2.72873	0.55896	5.52608	7.70E-04	4.69E-03	3.01E-03	1.22E-05	3.15E-04	1.56E-06	4.02E-05	5.89E-06	1.51E-04	1.10E-03	4.74E-03	3.16E-03	9.00E-03	3.8E-07	1.1E-06	6.6E-07	2.9E-06	1.9E-06	1.7E-06	7.9E-07	1.3E-08	3.1E-07	8.5E-08	1.9E-07	8.1E-08	6.9E-08	0.0E+00	7.5E-07
393	UCART1	593447.59	4123199.92	593447.59, 4123199.92	0.71847	4.12554	4.09641	0.48598	5.41728	9.69E-04	5.05E-03	4.51E-03	1.06E-05	3.09E-04	1.36E-06	3.94E-05	5.12E-06	1.48E-04	1.29E-03	5.09E-03	4.67E-03	1.10E-02	4.5E-07	1.3E-06	7.8E-07	3.1E-06	2.8E-06	2.6E-06	1.2E-06	1.5E-08	3.6E-07	9.9E-08	2.1E-07	1.2E-07	1.0E-07	0.0E+00	9.0E-07
394	UCART1	593487.59	4123199.92	593487.59, 4123199.92	0.92625	3.75593	5.45124	0.42177	5.33284	1.25E-03	4.59E-03	6.00E-03	9.24E-06	3.04E-04	1.18E-06	3.88E-05	4.44E-06	1.46E-04	1.56E-03	4.63E-03	6.15E-03	1.24E-02	5.4E-07	1.6E-06	9.5E-07	2.8E-06	3.7E-06	3.4E-06	1.5E-06	1.8E-08	4.4E-07	1.2E-07	1.9E-07	1.6E-07	1.3E-07	0.0E+00	1.1E-06
395	UCART1	593527.59	4123199.92	593527.59, 4123199.92	1.22358	3.16786	6.41818	0.36632	5.23302	1.65E-03	3.88E-03	7.07E-03	8.03E-06	2.98E-04	1.02E-06	3.80E-05	3.86E-06	1.43E-04	1.96E-03	3.91E-03	7.22E-03	1.31E-02	6.8E-07	2.0E-06	1.2E-06	2.4E-06	4.4E-06	4.0E-06	1.8E-06	2.3E-08	5.5E-07	1.5E-07	1.6E-07	1.9E-07	1.6E-07	0.0E+00	1.2E-06
396	UCART1	593567.59	4123199.92	593567.59, 4123199.92	1.59797	2.58229	6.67775	0.31837	5.08632	2.15E-03	3.16E-03	7.36E-03	6.98E-06	2.90E-04	8.90E-07	3.70E-05	3.35E-06	1.39E-04	2.45E-03	3.20E-03	7.50E-03	1.31E-02	8.5E-07	2.6E-06	1.5E-06	1.9E-06	4.5E-06	4.1E-06	1.9E-06	2.8E-08	6.8E-07	1.9E-07	1.3E-07	1.9E-07	1.6E-07	0.0E+00	1.4E-06
397	UCART1	593607.59	4123199.92	593607.59, 4123199.92	2.11206	2.07689	6.05436	0.27688	4.81856	2.85E-03	2.54E-03	6.67E-03	6.07E-06	2.75E-04	7.74E-07	3.50E-05	2.92E-06	1.32E-04	3.13E-03	2.58E-03	6.80E-03	1.25E-02	1.1E-06	3.3E-06	1.9E-06	1.6E-06	4.1E-06	3.7E-06	1.7E-06	3.6E-08	8.7E-07	2.4E-07	1.1E-07	1.7E-07	1.5E-07	0.0E+00	1.6E-06
398	UCART1	593647.59	4123199.92	593647.59, 4123199.92	2.58523	1.66357	4.81257	0.24148	4.24388	3.49E-03	2.04E-03	5.30E-03	5.29E-06	2.42E-04	6.75E-07	3.09E-05	2.54E-06	1.16E-04	3.73E-03	2.07E-03	5.42E-03	1.12E-02	1.3E-06	3.9E-06	2.3E-06	1.3E-06	3.3E-06	3.0E-06	1.4E-06	4.3E-08	1.0E-06	2.9E-07	8.5E-08	1.4E-07	1.2E-07	0.0E+00	1.7E-06
399	UCART1	593687.59	4123199.92	593687.59, 4123199.92	2.76818	1.33098	3.5516	0.21144	3.24255	3.73E-03	1.63E-03	3.91E-03	4.63E-06	1.85E-04	5.91E-07	2.36E-05	2.23E-06	8.89E-05	3.92E-03	1.65E-03	4.00E-03	9.58E-03	1.4E-06	4.1E-06	2.4E-06	1.0E-06	2.4E-06	2.2E-06	1.0E-06	4.5E-08	1.1E-06	3.0E-07	6.8E-08	1.0E-07	8.7E-08	0.0E+00	1.7E-06
400	UCART1	593727.59	4123199.92	593727.59, 4123199.92	2.64126	1.06191	2.54723	0.1858	2.36833	3.56E-03	1.30E-03	2.81E-03	4.07E-06	1.35E-04	5.19E-07	1.72E-05	1.96E-06	6.49E-05	3.70E-03	1.32E-03	2.87E-03	7.89E-03	1.3E-06	3.9E-06	2.2E-06	8.0E-07	1.7E-06	1.6E-06	7.2E-07	4.3E-08	1.0E-06	2.9E-07	5.4E-08	7.4E-08	6.3E-08	0.0E+00	1.6E-06
401	UCART1	593767.59	4123199.92	593767.59, 4123199.92	2.37604	0.84655	1.82601	0.16398	1.77671	3.20E-03	1.04E-03	2.01E-03	3.59E-06	1.01E-04	4.58E-07	1.29E-05	1.73E-06	4.87E-05	3.31E-03	1.05E-03	2.06E-03	6.42E-03	1.1E-06	3.5E-06	2.0E-06	6.3E-07	1.2E-06	1.1E-06	5.2E-07	3.8E-08	9.2E-07	2.5E-07	4.3E-08	5.3E-08	4.5E-08	0.0E+00	1.4E-06
402	UCART1	593807.59	4123199.92	593807.59, 4123199.92	2.08069	0.67579	1.32705	0.14543	1.37175	2.81E-03	8.27E-04	1.46E-03	3.19E-06	7.82E-05	4.07E-07	9.97E-06	1.53E-06	3.76E-05	2.89E-03	8.37E-04	1.50E-03	5.23E-03	1.0E-06	3.0E-06	1.7E-06	5.1E-07	9.1E-07	8.2E-07	3.8E-07	3.3E-08	8.1E-07	2.2E-07	3.4E-08	3.9E-08	3.3E-08	0.0E+00	1.2E-06
403	UCART1	593847.59	4123199.92	593847.59, 4123199.92	1.78492	0.54125	0.98324	0.12959	1.07236	2.41E-03	6.62E-04	1.08E-03	2.84E-06	6.11E-05	3.62E-07	7.80E-06	1.37E-06	2.94E-05	2.47E-03	6.70E-04	1.11E-03	4.26E-03	8.6E-07	2.6E-06	1.5E-06	4.1E-07	6.7E-07	6.1E-07	2.8E-07	2.9E-08	6.9E-07	1.9E-07	2.8E-08	2.9E-08	2.4E-08	0.0E+00	9.9E-07
404	UCART1	593887.59	4123199.92	593887.59, 4123199.92	1.50319	0.43616	0.74445	0.11605	0.83869	2.03E-03	5.34E-04	8.20E-04	2.54E-06	4.78E-05	3.24E-07	6.10E-06	1.22E-06	2.30E-05	2.08E-03	5.40E-04	8.44E-04	3.46E-03	7.2E-07	2.2E-06	1.3E-06	3.3E-07	5.1E-07	4.6E-07	2.1E-07	2.4E-08	5.8E-07	1.6E-07	2.2E-08	2.2E-08	1.8E-08	0.0E+00	8.3E-07
405	UCART1	593927.59	4123199.92	593927.59, 4123199.92	1.24663	0.3545	0.576	0.10442	0.65482	1.68E-03	4.34E-04	6.34E-04	2.29E-06	3.73E-05	2.92E-07	4.76E-06	1.10E-06	1.79E-05	1.72E-03	4.39E-04	6.53E-04	2.81E-03	6.0E-07	1.8E-06	1.0E-06	2.7E-07	4.0E-07	3.6E-07	1.6E-07	2.0E-08	4.8E-07	1.3E-07	1.8E-08	1.7E-08	1.4E-08	0.0E+00	6.8E-07
406	UCART1	593967.59	4123199.92	593967.59, 4123199.92	1.02294	0.29115	0.45489	0.09441	0.51237	1.38E-03	3.56E-04	5.01E-04	2.07E-06	2.92E-05	2.64E-07	3.73E-06	9.95E-07	1.40E-05	1.41E-03	3.60E-04	5.16E-04	2.29E-03	4.9E-07	1.5E-06	8.5E-07	2.2E-07	3.1E-07	2.8E-07	1.3E-07	1.6E-08	3.9E-07	1.1E-07	1.5E-08	1.3E-08	1.1E-08	0.0E+00	5.6E-07
407	UCART1	594007.59	4123199.92	594007.59, 4123199.92	0.83451	0.24188	0.36609	0.08575	0.4038	1.13E-03	2.96E-04	4.03E-04	1.88E-06	2.30E-05	2.40E-07	2.94E-06	9.03E-07	1.11E-05	1.15E-03	2.99E-04	4.15E-04	1.86E-03	4.0E-07	1.2E-06	7.0E-07	1.8E-07	2.5E-07	2.3E-07	1.0E-07	1.3E-08	3.2E-07	8.9E-08	1.2E-08	1.1E-08	9.0E-09	0.0E+00	4.6E-07
408	UCART1	592567.59	4123239.92	592567.59, 4123239.92	0.04552	0.06528	0.05764	0.2576	0.0903	6.14E-05	7.99E-05	6.35E-05	5.65E-06	5.15E-06	7.20E-07	6.57E-07	2.71E-06	2.47E-06	7.22E-05	8.12E-05	6.87E-05	2.22E-04	2.5E-08	7.5E-08	4.4E-08	4.9E-08	4.2E-08	3.8E-08	1.7E-08	8.3E-10	2.0E-08	5.6E-09	3.3E-09	1.8E-09	1.5E-09	0.0E+00	3.3E-08
409	UCART1	592607.59	4123239.92	592607.59, 4123239.92	0.04849	0.07122	0.06207	0.32197	0.10133	6.54E-05	8.71E-05	6.84E-05	7.06E-06	5.78E-06	9.00E-07	7.37E-07	3.39E-06	2.78E-06	7.82E-05	8.88E-05	7.45E-05	2.42E-04	2.7E-08	8.2E-08	4.7E-08	5.4E-08	4.5E-08	4.1E-08	1.9E-08	9.0E-10	2.2E-08	6.0E-09	3.6E-09	1.9E-09	1.6E-09	0.0E+00	3.6E-08
410	UCART1	592647.59	4123239.92	592647.59, 4123239.92	0.0519	0.07829	0.06732	0.41355	0.11518	7.00E-05	9.58E-05	7.42E-05	9.06E-06	6.57E-06	1.16E-06	8.37E-07	4.36E-06	3.16E-06	8.56E-05	9.78E-05	8.17E-05	2.65E-04	3.0E-08	8.9E-08	5.2E-08	5.9E-08	4.9E-08	4.5E-08	2.0E-08	9.9E-10	2.4E-08	6.6E-09	4.0E-09	2.1E-09	1.8E-09	0.0E+00	3.9E-08
411	UCART1	592687.59	4123239.92	592687.59, 4123239.92	0.05565	0.08622	0.07328	0.54812	0.13154	7.50E-05	1.05E-04	8.07E-05	1.20E-05	7.50E-06	1.53E-06	9.56E-07	5.77E-06	3.60E-06	9.46E-05	1.08E-04	9.01E-05	2.93E-04	3.3E-08	9.9E-08	5.7E-08	6.5E-08	5.5E-08	4.9E-08	2.3E-08	1.1E-09	2.6E-08	7.3E-09	4.4E-09	2.3E-09	2.0E-09	0.0E+00	4.3E-08

CONSTRUCTION RISK (UNMITIGATED)

412	UCART1	592727.59	4123239.92	592727.59, 4123239.92	0.05956	0.09509	0.0802	0.74421	0.15101	8.03E-05	1.16E-04	8.83E-05	1.63E-05	8.61E-06	2.08E-06	1.10E-06	7.84E-06	4.14E-06	1.05E-04	1.20E-04	1.00E-04	3.25E-04	3.6E-08	1.1E-07	6.4E-08	7.2E-08	6.1E-08	5.5E-08	2.5E-08	1.2E-09	2.9E-08	8.1E-09	4.9E-09	2.6E-09	2.2E-09	0.0E+00	4.8E-08
413	UCART1	592767.59	4123239.92	592767.59, 4123239.92	0.06386	0.10571	0.08815	1.00732	0.17584	8.61E-05	1.29E-04	9.71E-05	2.21E-05	1.00E-05	2.82E-06	1.28E-06	1.06E-05	4.82E-06	1.18E-04	1.33E-04	1.13E-04	3.64E-04	4.1E-08	1.2E-07	7.2E-08	8.1E-08	6.8E-08	6.2E-08	2.8E-08	1.4E-09	3.3E-08	9.1E-09	5.5E-09	2.9E-09	2.5E-09	0.0E+00	5.4E-08
414	UCART1	592807.59	4123239.92	592807.59, 4123239.92	0.0694	0.1195	0.09776	1.37047	0.20923	9.36E-05	1.46E-04	1.08E-04	3.00E-05	1.19E-05	3.83E-06	1.52E-06	1.44E-05	5.73E-06	1.36E-04	1.52E-04	1.28E-04	4.15E-04	4.7E-08	1.4E-07	8.2E-08	9.2E-08	7.7E-08	7.0E-08	3.2E-08	1.6E-09	3.8E-08	1.0E-08	6.2E-09	3.3E-09	2.8E-09	0.0E+00	6.2E-08
415	UCART1	592847.59	4123239.92	592847.59, 4123239.92	0.07604	0.13665	0.10931	2.0581	0.25327	1.03E-04	1.67E-04	1.20E-04	4.51E-05	1.44E-05	5.75E-06	1.84E-06	2.17E-05	6.94E-06	1.62E-04	1.75E-04	1.49E-04	4.86E-04	5.6E-08	1.7E-07	9.8E-08	1.1E-07	9.0E-08	8.2E-08	3.7E-08	1.9E-09	4.5E-08	1.2E-08	7.2E-09	3.8E-09	3.2E-09	0.0E+00	7.4E-08
416	UCART1	592887.59	4123239.92	592887.59, 4123239.92	0.08328	0.15751	0.12312	2.68537	0.3106	1.12E-04	1.93E-04	1.36E-04	5.88E-05	1.77E-05	7.51E-06	2.26E-06	2.83E-05	8.51E-06	1.89E-04	2.02E-04	1.72E-04	5.64E-04	6.5E-08	2.0E-07	1.1E-07	1.2E-07	1.0E-07	9.5E-08	4.3E-08	2.2E-09	5.3E-08	1.5E-08	8.3E-09	4.4E-09	3.8E-09	0.0E+00	8.6E-08
417	UCART1	592927.59	4123239.92	592927.59, 4123239.92	0.09283	0.18528	0.14045	2.81294	0.39273	1.25E-04	2.27E-04	1.55E-04	6.16E-05	2.24E-05	7.86E-06	2.86E-06	2.96E-05	1.08E-05	2.09E-04	2.37E-04	1.95E-04	6.42E-04	7.2E-08	2.2E-07	1.3E-07	1.4E-07	1.2E-07	1.1E-07	4.9E-08	2.4E-09	5.8E-08	1.6E-08	9.8E-09	5.0E-09	4.2E-09	0.0E+00	9.6E-08
418	UCART1	592967.59	4123239.92	592967.59, 4123239.92	0.10465	0.22222	0.16282	2.6268	0.51721	1.41E-04	2.72E-04	1.79E-04	5.76E-05	2.95E-05	7.34E-06	3.76E-06	2.77E-05	1.42E-05	2.28E-04	2.83E-04	2.21E-04	7.32E-04	7.9E-08	2.4E-07	1.4E-07	1.7E-07	1.3E-07	1.2E-07	5.5E-08	2.6E-09	6.4E-08	1.8E-08	1.2E-08	5.7E-09	4.8E-09	0.0E+00	1.1E-07
419	UCART1	593007.59	4123239.92	593007.59, 4123239.92	0.11815	0.26998	0.19087	2.3367	0.71327	1.59E-04	3.30E-04	2.10E-04	5.12E-05	4.07E-05	6.53E-06	5.19E-06	2.46E-05	1.95E-05	2.51E-04	3.42E-04	2.54E-04	8.48E-04	8.7E-08	2.6E-07	1.5E-07	2.1E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	7.0E-08	1.9E-08	1.4E-08	6.5E-09	5.5E-09	0.0E+00	1.2E-07
420	UCART1	593047.59	4123239.92	593047.59, 4123239.92	0.1353	0.33657	0.2285	2.05115	1.07823	1.82E-04	4.12E-04	2.52E-04	4.49E-05	6.15E-05	5.73E-06	7.84E-06	2.16E-05	2.95E-05	2.89E-04	4.25E-04	3.03E-04	1.02E-03	1.0E-07	3.0E-07	1.7E-07	2.6E-07	1.8E-07	1.7E-07	7.6E-08	3.3E-09	8.1E-08	2.2E-08	1.7E-08	7.8E-09	6.6E-09	0.0E+00	1.4E-07
421	UCART1	593087.59	4123239.92	593087.59, 4123239.92	0.15632	0.43064	0.27852	1.79095	1.87871	2.11E-04	5.27E-04	3.07E-04	3.92E-05	1.07E-04	5.01E-06	1.37E-05	1.89E-05	5.15E-05	3.57E-04	5.45E-04	3.77E-04	1.28E-03	1.2E-07	3.7E-07	2.2E-07	3.3E-07	2.3E-07	2.1E-07	9.4E-08	4.1E-09	1.0E-07	2.8E-08	2.2E-08	9.7E-09	8.2E-09	0.0E+00	1.7E-07
422	UCART1	593127.59	4123239.92	593127.59, 4123239.92	0.18323	0.57224	0.34913	1.56242	4.46634	2.47E-04	7.00E-04	3.85E-04	3.42E-05	2.55E-04	4.37E-06	3.25E-05	1.65E-05	1.22E-04	5.36E-04	7.37E-04	5.23E-04	1.80E-03	1.9E-07	5.6E-07	3.2E-07	4.5E-07	3.2E-07	2.9E-07	1.3E-07	6.2E-09	1.5E-07	4.1E-08	3.0E-08	1.3E-08	1.1E-08	0.0E+00	2.5E-07
423	UCART1	593167.59	4123239.92	593167.59, 4123239.92	0.21794	0.79614	0.45163	1.36115	9.30839	2.94E-04	9.74E-04	4.97E-04	2.98E-05	5.31E-04	3.80E-06	6.77E-05	1.43E-05	2.55E-04	8.54E-04	1.05E-03	7.67E-04	2.67E-03	3.0E-07	8.9E-07	5.2E-07	6.3E-07	4.6E-07	4.2E-07	1.9E-07	9.9E-09	2.4E-07	6.6E-08	4.3E-08	2.0E-08	1.7E-08	0.0E+00	3.9E-07
424	UCART1	593207.59	4123239.92	593207.59, 4123239.92	0.26352	1.17897	0.60874	1.18245	9.58405	3.55E-04	1.44E-03	6.71E-04	2.59E-05	5.46E-04	3.31E-06	6.97E-05	1.25E-05	2.63E-04	9.28E-04	1.52E-03	9.46E-04	3.39E-03	3.2E-07	9.7E-07	5.6E-07	9.2E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	2.6E-07	7.1E-08	6.2E-08	2.4E-08	2.1E-08	0.0E+00	4.5E-07
425	UCART1	593247.59	4123239.92	593247.59, 4123239.92	0.3243	1.92535	0.86507	1.02326	10.20462	4.37E-04	2.36E-03	9.53E-04	2.24E-05	5.82E-04	2.86E-06	7.42E-05	1.08E-05	2.80E-04	1.04E-03	2.43E-03	1.24E-03	4.72E-03	3.6E-07	1.1E-06	6.3E-07	1.5E-06	7.5E-07	6.8E-07	3.1E-07	1.2E-08	2.9E-07	8.0E-08	1.0E-07	3.2E-08	2.7E-08	0.0E+00	5.4E-07
426	UCART1	593287.59	4123239.92	593287.59, 4123239.92	0.40445	3.46705	1.32489	0.88184	8.65963	5.45E-04	4.24E-03	1.46E-03	1.93E-05	4.94E-04	2.46E-06	6.30E-05	9.29E-06	2.37E-04	1.06E-03	4.31E-03	1.71E-03	7.07E-03	3.7E-07	1.1E-06	6.4E-07	2.6E-06	1.0E-06	9.4E-07	4.3E-07	1.2E-08	3.0E-07	8.2E-08	1.8E-07	4.4E-08	3.7E-08	0.0E+00	6.5E-07
427	UCART1	593327.59	4123239.92	593327.59, 4123239.92	0.51007	6.63841	2.23183	0.75733	9.61382	6.88E-04	8.12E-03	2.46E-03	1.66E-05	5.48E-04	2.12E-06	6.99E-05	7.98E-06	2.63E-04	1.25E-03	8.19E-03	2.73E-03	1.22E-02	4.3E-07	1.3E-06	7.6E-07	5.0E-06	1.7E-06	1.5E-06	6.8E-07	1.4E-08	3.5E-07	9.6E-08	3.4E-07	7.0E-08	5.9E-08	0.0E+00	9.3E-07
428	UCART1	593367.59	4123239.92	593367.59, 4123239.92	0.64747	9.72664	4.06781	0.64789	8.26426	8.73E-04	1.19E-02	4.48E-03	1.42E-05	4.71E-04	1.81E-06	6.01E-05	6.83E-06	2.26E-04	1.36E-03	1.20E-02	4.71E-03	1.80E-02	4.7E-07	1.4E-06	8.2E-07	7.2E-06	2.9E-06	2.6E-06	1.2E-06	1.6E-08	3.8E-07	1.0E-07	4.9E-07	1.2E-07	1.0E-07	0.0E+00	1.2E-06
429	UCART1	593407.59	4123239.92	593407.59, 4123239.92	0.83964	8.80687	7.94188	0.55336	9.32927	1.13E-03	1.08E-02	8.75E-03	1.21E-05	5.32E-04	1.55E-06	6.78E-05	5.83E-06	2.56E-04	1.68E-03	1.08E-02	9.01E-03	2.15E-02	5.8E-07	1.8E-06	1.0E-06	6.6E-06	5.5E-06	4.9E-06	2.3E-06	1.9E-08	4.7E-07	1.3E-07	4.5E-07	2.3E-07	2.0E-07	0.0E+00	1.5E-06
430	UCART1	593447.59	4123239.92	593447.59, 4123239.92	1.12905	6.5909	11.69758	0.47209	8.10924	1.52E-03	8.06E-03	1.29E-02	1.03E-05	4.62E-04	1.32E-06	5.90E-05	4.97E-06	2.22E-04	2.00E-03	8.12E-03	1.31E-02	2.32E-02	6.9E-07	2.1E-06	1.2E-06	4.9E-06	7.9E-06	7.2E-06	3.3E-06	2.3E-08	5.6E-07	1.5E-07	3.3E-07	3.4E-07	2.9E-07	0.0E+00	1.7E-06
431	UCART1	593487.59	4123239.92	593487.59, 4123239.92	1.57148	4.81201	13.99378	0.40295	10.85661	2.12E-03	5.89E-03	1.54E-02	8.83E-06	6.19E-04	1.13E-06	7.89E-05	4.25E-06	2.98E-04	2.75E-03	5.97E-03	1.57E-02	2.44E-02	9.5E-07	2.9E-06	1.7E-06	3.6E-06	9.5E-06	8.6E-06	3.9E-06	3.2E-08	7.7E-07	2.1E-07	2.5E-07	4.0E-07	3.4E-07	0.0E+00	2.0E-06
432	UCART1	593527.59	4123239.92	593527.59, 4123239.92	2.31682	3.57675	14.42193	0.34489	7.83249	3.12E-03	4.38E-03	1.59E-02	7.56E-06	4.46E-04	9.64E-07	5.69E-05	3.63E-06	2.15E-04	3.58E-03	4.43E-03	1.61E-02	2.41E-02	1.2E-06	3.7E-06	2.2E-06	2.7E-06	9.7E-06	8.8E-06	4.0E-06	4.1E-08	1.0E-06	2.8E-07	1.8E-07	4.1E-07	3.5E-07	0.0E+00	2.3E-06
433	UCART1	593567.59	4123239.92	593567.59, 4123239.92	3.77465	2.70145	12.5478	0.29626	10.46617	5.09E-03	3.30E-03	1.38E-02	6.49E-06	5.97E-04	8.28E-07	7.61E-05	3.12E-06	2.87E-04	5.69E-03	3.38E-03	1.41E-02	2.32E-02	2.0E-06	6.0E-06	3.4E-06	2.0E-06	8.5E-06	7.7E-06	3.5E-06	6.6E-08	1.6E-06	4.4E-07	1.4E-07	3.6E-07	3.1E-07	0.0E+00	2.9E-06
434	UCART1	593607.59	4123239.92	593607.59, 4123239.92	5.33332	2.06166	8.62001	0.25535	10.78129	7.19E-03	2.52E-03	9.49E-03	5.60E-06	6.15E-04	7.14E-07	7.84E-05	2.69E-06	2.95E-04	7.81E-03	2.60E-03	9.79E-03	2.02E-02	2.7E-06	8.2E-06	4.7E-06	1.6E-06	5.9E-06	5.4E-06	2.5E-06	9.0E-08	2.2E-06	6.0E-07	1.1E-07	2.5E-07	2.1E-07	0.0E+00	3.4E-06
435	UCART1	593647.59	4123239.92	593647.59, 4123239.92	5.53294	1.58249	5.40847	0.22119	7.65559	7.46E-03	1.94E-03	5.96E-03	4.85E-06	4.36E-04	6.18E-07	5.57E-05	2.33E-06	2.10E-04	7.90E-03	1.99E-03	6.17E-03	1.61E-02	2.7E-06	8.3E-06	4.8E-06	1.2E-06	3.7E-06	3.4E-06	1.5E-06	9.1E-08	2.2E-06	6.1E-07	8.2E-08	1.6E-07	1.3E-07	0.0E+00	3.3E-06
436	UCART1	593687.59	4123239.92	593687.59, 4123239.92	4.71438	1.21748	3.40313	0.1926	4.37059	6.36E-03	1.49E-03	3.75E-03	4.22E-06	2.49E-04	5.38E-07	3.18E-05	2.03E-06	1.20E-04	6.61E-03	1.52E-03	3.87E-03	1.20E-02	2.3E-06	6.9E-06	4.0E-06	9.2E-07	2.3E-06	2.1E-06	9.7E-07	7.6E-08	1.8E-06	5.1E-07	6.3E-08	9.9E-08	8.4E-08	0.0E+00	2.7E-06
437	UCART1	593727.59	4123239.92	593727.59, 4123239.92	3.79083	0.93914	2.21354	0.16865	2.8607	5.11E-03	1.15E-03	2.44E-03	3.70E-06	1.63E-04	4.71E-07	2.08E-05	1.78E-06	7.84E-05	5.28E-03	1.17E-03	2.52E-03	8.97E-03	1.8E-06	5.5E-06	3.2E-06	7.1E-07	1.5E-06	1.4E-06	6.3E-07	6.1E-08	1.5E-06	4.1E-07	4.8E-08	6.5E-08	5.5E-08	0.0E+00	2.1E-06
438	UCART1	593767.59	4123239.92	593767.59, 4123239.92	3.09477	0.72808	1.50056	0.14857	2.03784	4.17E-03	8.91E-04	1.65E-03	3.26E-06	1.16E-04	4.15E-07	1.48E-05	1.57E-06	5.58E-05	4.29E-03	9.06E-04	1.71E-03	6.91E-03	1.5E-06	4.5E-06	2.6E-06	5.5E-07	1.0E-06	9.4E-07	4.3E-07	5.0E-08	1.2E-06	3.3E-07	3.7E-08	4.4E-08	3.7E-08	0.0E+00	1.7E-06
439	UCART1	593807.59	4123239.92	593807.59, 4123239.92	2.52107	0.56896	1.05946	0.13166	1.50184	3.40E-03	6.96E-04	1.17E-03	2.89E-06	8.56E-05	3.68E-07	1.09E-05	1.39E-06	4.12E-05	3.49E-03	7.07E-04	1.21E-03	5.41E-03	1.2E-06	3.6E-06	2.1E-06	4.3E-07	7.3E-07	6.6E-07	3.0E-07	4.0E-08	9.7E-07	2.7E-07	2.9E-08	3.1E-08	2.6E-08	0.0E+00	1.4E-06
440	UCART1	593847.59	4123239.92	593847.59, 4123239.92	2.02443	0.44935	0.77575	0.11734	1.10822	2.73E-03	5.50E-04	8.54E-04	2.57E-06	6.32E-05	3.28E-07	8.06E-06	1.24E-06	3.04E-05	2.80E-03	5.58E-04	8.86E-04	4.24E-03	9.7E-07	2.9E-06	1.7E-06	3.4E-07	5.4E-07	4.9E-07	2.2E-07	3.2E-08	7.8E-07	2.2E-07	2.3E-08	2.3E-08	1.9E-08	0.0E+00	1.1E-06
441	UCART1	593887.59	4123239.92	593887.59, 4123239.92	1.60473	0.35985	0.58696	0.1052	0.81592	2.16E-03	4.40E-04	6.47E-04	2.31E-06	4.65E-05	2.94E-07	5.93E-06	1.11E-06	2.24E-05	2.21E-03	4.46E-04	6.70E-04	3.33E-03	7.7E-07	2.3E-06	1.3E-06	2.7E-07	4.1E-07	3.7E-07	1.7E-07	2.6E-08	6.2E-07	1.7E-07	1.8E-08	1.7E-08	1.5E-08	0.0E+00	8.6E-07
442	UCART1	593927.59	4123239.92	593927.59, 4123239.92	1.26108	0.29247	0.45679	0.09483	0.60445	1.70E-03	3.58E-04	5.03E-04	2.08E-06	3.45E-05	2.65E-07	4.39E-06	9.99E-07	1.66E-05	1.74E-03	3.62E-04	5.21E-04	2.62E-03	6.0E-07	1.8E-06	1.1E-06	2.2E-07	3.2E-07	2.9E-07	1.3E-07	2.0E-08	4.9E-07	1.3E-07	1.5E-08	1.3E-08	1.1E-08	0.0E+00	6.8E-07
443	UCART1	593967.59	4123239.92	593967.59, 4123239.92	0.9889	0.24132	0.36421	0.08594	0.45475	1.33E-03	2.95E-04	4.01E-04	1.88E-06	2.59E-05	2.40E-07	3.31E-06	9.05E-07	1.25E-05	1.36E-03	2.99E-04	4.15E-04	2.07E-03	4.7E-07	1.4E-06	8.2E-07	1.8E-07	2.5E-07	2.3E-07	1.0E-07	1.6E-08	3.8E-07	1.0E-07	1.2E-08	1.1E-08	9.0E-09	0.0E+00	5.3E-07
444	UCART1	594007.59	4123239.92	594007.59, 4123239.92	0.77796	0.20201	0.29651	0.07827	0.34936	1.05E-03	2.47E-04	3.27E-04	1.72E-06	1.99E-05	2.19E-07	2.54E-06	8.25E-07	9.57E-06	1.07E-03	2.50E-04	3.37E-04	1.66E-03	3.7E-07	1.1E-06	6.5E-07	1.5E-07	2.0E-07	1.8E-07	8.4E-08	1.2E-08	3.0E-07	8.2E-08	1.0E-08	8.7E-09	7.3E-09	0.0E+00	4.2E-07
445	UCART1	592567.59	4123279.92	592567.59, 4123279.92	0.04786	0.06933	0.06086	0.30684	0.09829	6.45E-05	8.48E-05	6.70E-05	6.72E-06	5.60E-06	8.58E-07	7.15E-07	3.23E-06	2.69E-06	7.69E-05	8.64E-05	7.30E-05	2.36E-04	2.7E-08	8.0E-08	4.7E-08	5.2E-08	4.4E-08	4.0E-08	1.8E-08	8.9E-10	2.1E-08	5.9E-09	3.5E-09	1.9E-09	1.6E-09	0.0E+00	3.5E-08
446	UCART1	592607.59	4123279.92	592607.59, 4123279.92	0.05108	0.07598	0.06582	0.39534	0.11146	6.89E-05	9.30E-05	7.25E-05	8.66E-06	6.35E-06	1.11E-06	8.10E-07	4.17E-06	3.05E-06	8.39E-05	9.49E-05	7.97E-05	2.58E-04	2.9E-08	8.8E-08	5.1E-08	5.7E-08	4.8E-08	4.4E-08	2.0E-08	9.7E-10	2.3E-08	6.5E-09	3.9E-09	2.0E-09	1.7E-09	0.0E+00	3.9E-08
447	UCART1	592647.59	4123279.92	592647.59, 4123279.92	0.05481	0.08384	0.07141	0.53175	0.12793	7.39E-05	1.03E-04	7.87E-05	1.17E-05	7.29E-06	1.49E-06	9.30E-07	5.60E-06	3.51E-06	9.29E-05	1.05E-04	8.78E-05	2.86E-04	3.2E-08	9.7E-08	5.6E-08	6.4E-08	5.3E-08	4.8E-08	2.2E-08	1.1E-09	2.6E-08	7.2E-09	4.3E-09	2.3E-09	1.9E-09	0.0E+00	4.3E-08
448	UCART1	592687.59	4123279.92	592687.59, 4123279.92	0.05902	0.09292	0.07807	0.76006	0.14841	7.96E-05	1.14E-04	8.60E-05	1.67E-05	8.46E-06	2.12E-06	1.08E-06	8.01E-06	4.07E-06	1.05E-04	1.17E-04	9.81E-05	3.20E-04	3.6E-08	1.1E-07	6.3E-08	7.1E-08	5.9E-08	5.4E-08	2.5E-08	1.2E-09	2.9E-08	8.1E-09	4.8E-09	2.5E-09	2.1E-09	0.0E+00	4.8E-08
449	UCART1	592727.59	4123279.92	592727.59, 4123279.92	0.06374	0.10346	0.08599	1.19265	0.17407	8.60E-05	1.27E-04	9.47E-05	2.61E-05	9.92E-06	3.33E-06	1.27E-06	1.26E-05	4.77E-06	1.22E-04	1.31E-04	1.12E-04	3.65E-04	4.2E-08	1.3E-07	7.4E-08	7.9E-08	6.8E-08	6.1E-08	2.8E-08	1.4E-09	3.4E-08	9.4E-09	5.4E-09	2.9E-09	2.4E-09	0.0E+00	5.6E-08
450	UCART1	592767.59	4123279.92	592767.59, 4123279.92	0.06902	0.11556	0.09534	2.1251	0.20561	9.31E-05	1.41E-04	1.05E-04	4.66E-05	1.17E-05	5.94E-06	1.49E-06	2.24E-05	5.63E-06	1.51E-04	1.49E-04	1.33E-04	4.33E-04	5.2E-08	1.6E-07	9.2E-08	9.0E-08	8.0E-08	7.3E-08	3.3E-08	1.7E-09	4.2E-08	1.2E-08	6.1E-09	3.4E-09	2.9E-09	0.0E+00	6.8E-08
451	UCART1	592807.59	4123279.92	592807.59, 4123279.92	0.07504	0.13092	0.10658	3.93501	0.24908	1.01E-04	1.60E-04	1.17E-04	8.62E-05	1.42E-05	1.10E-05	1.81E-06	4.15E-05	6.83E-06	2.02E-04	1.73E-04	1.66E-04	5.40E-04	7.0E-08	2.1E-07	1.2E-07	1.0E-07	1.0E-07	9.1E-08	4.1E-08	2.3E-09	5.6E-08	1.6E-08	7.1E-09	4.3E-09	3.6E-09	0.0E+00	8.9E-08
452	UCART1	592847.59	4123279.92	592847.59, 4123279.92	0.08243	0.15061	0.11965	6.47466	0.30953	1.11E-04	1.84E-04	1.32E-04	1.42E-04	1.76E-05	1.81E-05	2.25E-06	6.82E-05	8.48E-06	2.71E-04	2.05E-04	2.08E-04	6.84E-04	9.4E-08	2.8E-07	1.6E-07	1.2E-07	1.3E-07	1.1E-07	5.2E-08	3.1E-09	7.6E-08	2.1E-08	8.4E-09	5.4E-09	4.5E-09	0.0E+00	1.2E-07
453	UCART1	592887.59	4123279.92	592887.59, 4123279.92	0.09067	0.17478	0.13582	5.78858	0.3905	1.22E-04	2.14E-04	1.50E-04	1.27E-04	2.23E-05	1.62E-05	2.84E-06	6.10E-05	1.07E-05	2.71E-04	2.33E-04	2.21E-04	7.26E-04	9.4E-08	2.8E-07	1.6E-07	1.4E-07	1.3E-07	1.2E-07	5.5E-08	3.1E-09	7.6E-08	2.1E-08	9.6E-09	5.7E-09	4.8E-09	0.0E+00	1.2E-07
454	UCART1	592927.59	4123279.92	592927.59, 4123279.92	0.10178	0.20806	0.1558	4.66897	0.51397	1.37E-04	2.55E-04	1.72E-04	1.02E-04	2.93E-05	1.31E-05	3.74E-06	4.92E-05	1.41E-05	2.69E-04	2.71E-04	2.35E-04	7.75E-04	9.3E-08	2.8E-07	1.6E-07	1.6E-07	1.4E-07	1.3E-07	5.9E-08	3.1E-09	7.5E-08	2.1E-08	1.1E-08	6.0E-09	5.1E-09	0.0E+00	1.2E-07
455	UCART1	592967.59	4123279.92	592967.59, 4123279.92	0.11522	0.25279	0.18171	3.75359	0.71183	1.55E-04	3.09E-04	2.00E-04	8.23E-05	4.06E-05	1.05E-05	5.18E-06	3.95E-05	1.95E-05	2.78E-04	3.25E-04	2.59E-04	8.62E-04	9.6E-08	2.9E-07	1.7E-07	2.0E-07	1.6E-07	1.4E-07	6.5E-08	3.2E-09	7.8E-08	2.1E-08	1.3E-08	6.7E-09	5.6E-09	0.0E+00	1.3E-07
456	UCART1	593007.59	4123279.92	593007.59, 4123279.92	0.13125	0.31275	0.21523	3.05553	1.06208	1.77E-04	3.83E-04	2.37E-04	6.70E-05	6.05E-05	8.54E-06	7.72E-06	3.22E-05	2.91E-05	3.04E-04	3.99E-04	2.98E-04	1.00E-03	1.1E-07	3.2E-07	1.8E-07	2.4E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.5E-08	2.3E-08	1.6E-08	7.7E-09	6.5E-09	0.0E+00	1.4E-07
457	UCART1	593047.59	4123279.92	593047.59, 4123279.92	0.15143	0.39839	0.26057	2.52992	1.82624	2.04E-04	4.87E-04	2.87E-04	5.54E-05	1.04E-04	7.07E-06	1.33E-05	2.67E-05	5.00E-05	3.64E-04	5.08E-04	3.64E-04	1.24E-03	1.3E-07	3.8E-07	2.2E-07	3.1E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	2.8E-08	2.1E-08	9.3E-09	7.9E-09	0.0E+00	1.7E-07
458	UCART1	593087.59	4123279.92	593087.59, 4123279.92	0.17734	0.52548	0.32279	2.11893	4.21718	2.39E-04	6.43E-04	3.56E-04	4.64E-05	2.40E-04	5.92E-06	3.07E-05	2.23E-05	1.16E-04	5.26E-04	6.79E-04	4.93E-04	1.70E-03	1.8E-07	5.5E-07	3.2E-07	4.1E-07	3.0E-07	2.7E-07	1.2E-07	6.1E-09	1.5E-07	4.1E-08	2.8E-08	1.3E-08	1.1E-08	0.0E+00	2.4E-07
459	UCART1	593127.59	4123279.92	593127.59, 4123279.92	0.21225	0.73203	0.41389	1.78972	9.41377	2.86E-04	8.96E-04	4.56E-04	3.92E-05	5.37E-04	5.00E-06	6.84E-05	1.89E-05	2.58E-04	8.62E-04	9.69E-04	7.33E-04	2.56E-03	3.0E-07	9.0E-07	5.2E-07	5.9E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	2.4E-07	6.6E-08	4.0E-08	1.9E-08	1.6E-08	0.0E+00	3.9E-07
460	UCART1	593167.59	4123279.92	593167.59, 4123279.92	0.25836	1.08569	0.55046	1.51337	11.56452	3.48E-04	1.33E-03	6.06E-04	3.32E-05	6.59E-04	4.23E-06	8.41E-05	1.59E-05	3.17E-04	1.04E-03	1.42E-03	9.39E-04	3.40E-03	3.6E-07	1.1E-06	6.3E-07	8.6E-07	5.7E-07	5.2E-07	2.4E-07	1.2E-08	2.9E-07	8.0E-08	5.8E-08	2.4E-08	2.0E-08	0.0E+00	4.9E-07
461	UCART1	593207.59	4123279.92	593207.59, 4123279.92	0.31872	1.77864	0.76596	1.27656	8.6958	4.30E-04	2.18E-03	8.44E-04	2.80E-05	4.96E-04	3.57E-06	6.32E-05	1.34E-05	2.38E-04	9.53E-04	2.24E-03	1.10E-03	4.29E-03	3.3E-07	1.0E-06	5.8E-07	1.4E-06	6.6E-07	6.0E-07	2.7E-07	1.1E-08	2.7E-07	7.3E-08	9.2E-08	2.8E-08	2.4E-08	0.0E+00	4.9E-07
462	UCART1	593247.59	4123279.92	593247.59, 4123279.92	0.40457	3.72642	1.15135	1.07425	7.76204	5.46E-04	4.56E-03	1.27E-03	2.35E-05	4.42E-04	3.00E-06	5.64E-05	1.13E-05	2.13E-04	1.01E-03	4.62E-03	1.49E-03	7.12E-03	3.5E-07	1.1E-06	6.1E-07	2.8E-06	9.0E-07	8.2E-07	3.7E-07	1.2E-08	2.8E-07	7.8E-08	1.9E-07	3.8E-08	3.3E-08	0.0E+00	6.3E-07
463	UCART1	593287.59	4123279.92	593287.59, 4123279.92	0.53034	11.53091	1.97338	0.90186	7.31659	7.15E-04	1.41E-02	2.17E-03	1.98E-05	4.17E-04	2.52E-06	5.32E-05	9.50E-06	2.00E-04	1.15E-03	1.42E-02	2.38E-03	1.77E-02	4.0E-07	1.2E-06	7.0E-07	8.6E-06	1.4E-06	1.3E-06	6.0E-07	1.3E-08	3.2E-07	8.9E-08	5.8E-07	6.1E-08	5.2E-08	0.0E+00	1.1E-06
464	UCART1	593327.59	4123279.92	593327.59, 4123279.92	0.71079	21.19426	4.3192	0.75536	7.07242	9.59E-04	2.59E-02	4.76E-03	1.66E-05	4.03E-04	2.11E-06	5.14E-05	7.96E-06	1.94E-04	1.38E-03	2.60E-02	4.96E-03	3.23E-02	4.8E-07	1.4E-06	8.3E-07	1.6E-05	3.0E-06	2.7E-06	1.2E-06	1.6E-08	3.8E-07	1.1E-07	1.1E-06	1.3E-07	1.1E-07	0.0E+00	1.8E-06
465	UCART1	593367.59	4123279.92	593367.59, 4123279.92	0.97129	28.38618	8.69025	0.63181	6.92007	1.31E-03	3.47E-02	9.57E-03	1.38E-05	3.94E-04	1.77E-06	5.03E-05	6.66E-06	1.90E-04	1.72E-03	3.48E-02	9.77E-03	4.63E-02	5.9E-07	1.8E-06	1.0E-06	2.1E-05	5.9E-06	5.4E-06	2.4E-06	2.0E-08	4.8E-07	1.3E-07	1.4E-06	2.5E-07	2.1E-07	0.0E+00	2.5E-06
466	UCART1	593407.59	4123279.92	593407.59, 4123279.92	1.40193	13.1526	25.107	0.53021	6.59859	1.89E-03	1.61E-02	2.77E-02	1.16E-05	3.76E-04	1.48E-06	4.80E-05	5.59E-06	1.81E-04	2.28E-03	1.61E-02	2.78E-02	4.63E-02	7.9E-07	2.4E-06	1.4E-06	9.8E-06	1.7E-05	1.5E-05	7.0E-06	2.6E-08	6.4E-07	1.8E-07	6.6E-07	7.1E-07	6.1E-07	0.0E+00	2.8E-06
467	UCART1	593447.59	4123279.92	593447.59, 4123279.92	2.05244	7.67838	30.54429	0.44396	6.65173	2.77E-03	9.39E-03	3.36E-02	9.73E-06	3.79E-04	1.24E-06	4.84E-05	4.68E-06	1.82E-04	3.16E-03	9.44E-03	3.38E-02	4.64E-02	1.1E-06	3.3E-06	1.9E-06	5.7E-06	2.0E-05	1.9E-05	8.5E-06	3.6E-08	8.8E-07	2.4E-07	3.9E-07	8.7E-07	7.4E-07	0.0E+00	3.2E-06
468	UCART1	593487.59	4123279.92	593487.59, 4123279.92	2.96584	5.04594	31.35296	0.37231	6.79182	4.00E-03	6.17E-03	3.45E-02	8.16E-06	3.87E-04	1.04E-06	4.94E-05	3.92E-06	1.86E-04	4.39E-03	6.22E-03	3.47E-02	4.53E-02	1.5E-06	4.6E-06	2.7E-06	3.8E-06	2.1E-05	1.9E-05	8.7E-06	5.1E-08	1.2E-06	3.4E-07	2.6E-07	8.9E-07	7.6E-07	0.0E+00	3.5E-06
469	UCART1	593527.59	4123279.92	593527.59, 4123279.92	5.50125	3.55702	31.65548	0.31511	6.77041	7.42E-03	4.35E-03	3.49E-02	6.91E-06	3.86E-04	8.81E-07	4.92E-05	3.32E-06	1.86E-04	7.81E-03	4.40E-03	3.51E-02	4.73E-02	2.7E-06	8.2E-06	4.7E-06	2.7E-06	2.1E-05	1.9E-05	8.8E-06	9.0E-08	2.2E-06	6.0E-07	1.8E-07	9.0E-07	7.6E-07	0.0E+00	4.7E-06
470	UCART1	593567.59	4123279.92	593567.59, 4123279.92	8.08563	2.57402	18.5462	0.2684	6.77025	1.09E-02	3.15E-03	2.04E-02	5.88E-06	3.86E-04	7.50E-07	4.92E-05	2.83E-06	1.86E-04	1.13E-02	3.20E-03	2.06E-02	3.51E-02	3.9E-06	1.2E-05	6.8E-06	1.9E-06	1.2E-05	1.1E-05	5.2E-06	1.3E-07	3.2E-06	8.7E-07	1.3E-07	5.3E-07	4.5E-07	0.0E+00	5.3E-06
471	UCART1	593607.59	4123279.92	593607.59, 4123279.92	10.69896	1.88672	8.49929	0.22997	8.51477	1.44E-02	2.31E-03	9.36E-03	5.04E-06	4.85E-04	6.43E-07	6.19E-05	2.42E-06	2.33E-04	1.49E-02	2.37E-03	9.60E-03	2.69E-02	5.2E-06	1.6E-05	9.0E-06	1.4E-06	5.8E-06	5.3E-06	2.4E-06	1.7E-07	4.2E-06	1.1E-06	9.7E-08	2.5E-07	2.1E-07	0.0E+00	6.0E-06
472	UCART1	593647.59	4123279.92	593647.59, 4123279.92	11.12289	1.39378	4.38731	0.19853	4.24813	1.50E-02	1.71E-03	4.83E-03	4.35E-06	2.42E-04	5.55E-07	3.09E-05	2.09E-06	1.16E-04	1.52E-02	1.74E-03	4.95E-03	2.19E-02	5.3E-06	1.6E-05	9.2E-06	1.1E-06	3.0E-06	2.7E-06	1.2E-06	1.8E-07	4.3E-06	1.2E-06	7.1E-08	1.3E-07	1.1E-07	0.0E+00	5.9E-06
473	UCART1	593687.59	4123279.92	593687.59, 4123279.92	6.74291	1.0352	2.53258	0.17251	6.04727	9.09E-03	1.27E-03	2.79E-03	3.78E-06	3.45E-04	4.82E-07	4.40E-05	1.82E-06	1.66E-04	9.44E-03	1.31E-03	2.96E-03	1.37E-02	3.3E-06	9.9E-06	5.7E-06	7.9E-07	1.8E-06	1.6E-06	7.4E-07	1.1E-07	2.6E-06	7.3E-07	5.4E-08	7.6E-08	6.4E-08	0.0E+00	3.7E-06
474	UCART1	593727.59	4123279.92	593727.59, 4123279.92	5.01808	0.77675	1.59927	0.15097	3.68174	6.77E-03	9.50E-04	1.76E-03	3.31E-06	2.10E-04	4.22E-07	2.68E-05	1.59E-06	1.01E-04	6.98E-03	9.77E-04	1.86E-03	9.82E-03	2.4E-06	7.3E-06	4.2E-06	5.9E-07	1.1E-06	1.0E-06	4.7E-07	8.1E-08	1.9E-06	5.4E-07	4.0E-08	4.8E-08	4.1E-08	0.0E+00	2.7E-06
475	UCART1	593767.59	4123279.92	593767.59, 4123279.92	3.80742	0.59165	1.0839	0.13311	2.4377	5.13E-03	7.24E-04	1.19E-03	2.92E-06	1.39E-04	3.72E-07	1.77E-05	1.40E-06	6.68E-05	5.28E-03	7.42E-04	1.26E-03	7.28E-03	1.8E-06	5.5E-06	3.2E-06	4.5E-07	7.6E-07	6.9E-07	3.2E-07	6.1E-08	1.5E-06	4.1E-07	3.0E-08	3.2E-08	2.7E-08	0.0E+00	2.0E-06
476	UCART1	593807.59	4123279.92	593807.59, 4123279.92	2.8643	0.45861	0.77551	0.11817	1.62407	3.86E-03	5.61E-04	8.54E-04	2.59E-06	9.26E-05	3.30E-07	1.18E-05	1.24E-06	4.45E-05	3.96E-03	5.73E-04	9.00E-04	5.43E-03	1.4E-06	4.1E-06	2.4E-06	3.5E-07	5.4E-07	4.9E-07	2.3E-07	4.6E-08	1.1E-06	3.0E-07	2.4E-08	2.3E-08	2.0E-08	0.0E+00	1.5E-06
477	UCART1	593847.59	4123279.92	593847.59, 4123279.92	2.13132	0.36236	0.57911	0.10558	1.07896	2.87E-03	4.43E-04	6.38E-04	2.31E-06	6.15E-05	2.95E-07	7.84E-06	1.11E-06	2.96E-05	2.94E-03	4.51E-04	6.69E-04	4.06E-03	1.0E-06	3.1E-06	1.8E-06	2.7E-07	4.0E-07	3.7E-07	1.7E-07	3.4E-08	8.2E-07	2.3E-07	1.9E-08	1.7E-08	1.5E-08	0.0E+00	1.1E-06
478	UCART1	593887.59	4123279.92	593887.59, 4123279.92	1.57789	0.29201	0.44764	0.09493	0.7316	2.13E-03	3.57E-04	4.93E-04	2.08E-06	4.17E-05	2.65E-07	5.32E-06	1.00E-06	2.00E-05	2.17E-03	3.63E-04	5.14E-04	3.05E-03	7.5E-07	2.3E-06	1.3E-06	2.2E-07	3.1E-07	2.8E-07	1.3E-07	2.5E-08	6.1E-07	1.7E-07	1.5E-08	1.3E-08	1.1E-08	0.0E+00	8.4E-07
479	UCART1	593927.59	4123279.92	593927.59, 4123279.92	1.17291	0.23968	0.35584	0.08585	0.51421	1.58E-03	2.93E-04	3.92E-04	1.88E-06	2.93E-05	2.40E-07	3.74E-06	9.04E-07	1.41E-05	1.61E-03	2.97E-04	4.07E-04	2.32E-03	5.6E-07	1.7E-06	9.8E-07	1.8E-07	2.5E-07	2.2E-07	1.0E-07	1.9E-08	4.5E-07	1.2E-07	1.2E-08	1.0E-08	8.9E-09	0.0E+00	6.2E-07
480	UCART1	593967.59	4123279.92	593967.59, 4123279.92	0.88278	0.2001	0.28951	0.07808	0.37654	1.19E-03	2.45E-04	3.19E-04	1.71E-06	2.15E-05	2.18E-07	2.74E-06	8.23E-07	1.03E-05	1.21E-03	2.48E-04	3.30E-04	1.79E-03	4.2E-07	1.3E-06	7.3E-07	1.5E-07	2.0E-07	1.8E-07	8.3E-08	1.4E-08	3.4E-07	9.3E-08	1.0E-08	8.5E-09	7.2E-09	0.0E+00	4.7E-07
481	UCART1	594007.59	4123279.92	594007.59, 4123279.92	0.67522	0.16963	0.24021	0.07137	0.28671	9.11E-04	2.08E-04	2.65E-04	1.56E-06	1.63E-05	1.99E-07	2.08E-06	7.52E-07	7.86E-06	9.28E-04	2.10E-04	2.73E-04	1.41E-03	3.2E-07	9.7E-07	5.6E-07	1.3E-07	1.7E-07	1.5E-07	6.8E-08	1.1E-08	2.6E-07	7.2E-08	8.6E-09	7.0E-09	6.0E-09	0.0E+00	3.6E-07
482	UCART1	592567.59	4123319.92	592567.59, 4123319.92	0.0502	0.07388	0.06425	0.36584	0.10782	6.77E-05	9.04E-05	7.08E-05	8.02E-06	6.15E-06	1.02E-06	7.84E-07	3.85E-06	2.95E-06	8.19E-05	9.22E-05	7.76E-05	2.52E-04	2.8E-08	8.6E-08	5.0E-08	5.6E-08	4.7E-08	4.3E-08	1.9E-08	9.5E-10	2.3E-08	6.3E-09	3.8E-09	2.0E-09	1.7E-09	0.0E+00	3.8E-08
483	UCART1	592607.59	4123319.92	592607.59, 4123319.92	0.05376	0.08118	0.06956	0.48649	0.12333	7.25E-05	9.93E-05	7.66E-05	1.07E-05	7.03E-06	1.36E-06	8.97E-07	5.13E-06	3.38E-06	9.02E-05	1.02E-04	8.51E-05	2.77E-04	3.1E-08	9.4E-08	5.5E-08	6.1E-08	5.2E-08	4.7E-08	2.1E-08	1.0E-09	2.5E-08	6.9E-09	4.2E-09	2.2E-09	1.9E-09	0.0E+00	4.1E-08
484	UCART1	592647.59	4123319.92	592647.59, 4123319.92	0.05782	0.08982	0.0759	0.68625	0.14305	7.80E-05	1.10E-04	8.36E-05	1.50E-05	8.15E-06	1.92E-06	1.04E-06	7.23E-06	3.92E-06	1.01E-04	1.13E-04	9.48E-05	3.09E-04	3.5E-08	1.1E-07	6.1E-08	6.8E-08	5.7E-08	5.2E-08	2.4E-08	1.2E-09	2.8E-08	7.8E-09	4.6E-09	2.4E-09	2.1E-09	0.0E+00	4.6E-08
485	UCART1	592687.59	4123319.92	592687.59, 4123319.92	0.06246	0.10002	0.08327	1.06195	0.16845	8.42E-05	1.22E-04	9.17E-05	2.33E-05	9.60E-06	2.97E-06	1.22E-06	1.12E-05	4.62E-06	1.17E-04	1.27E-04	1.08E-04	3.51E-04	4.1E-08	1.2E-07	7.1E-08	7.7E-08	6.5E-08	5.9E-08	2.7E-08	1.4E-09	3.3E-08	9.0E-09	5.2E-09	2.8E-09	2.3E-09	0.0E+00	5.3E-08
486	UCART1	592727.59	4123319.92	592727.59, 4123319.92	0.0678	0.11226	0.09209	1.95074	0.20215	9.14E-05	1.37E-04	1.01E-04	4.27E-05	1.15E-05	5.45E-06	1.47E-06	2.06E-05	5.54E-06	1.46E-04	1.44E-04	1.28E-04	4.17E-04	5.0E-08	1.5E-07	8.8E-08	8.7E-08	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.1E-08	1.1E-08	5.9E-09	3.3E-09	2.8E-09	0.0E+00	6.6E-08
487	UCART1	592767.59	4123319.92	592767.59, 4123319.92	0.07389	0.12666	0.10268	5.58016	0.24675	9.96E-05	1.55E-04	1.13E-04	1.22E-04	1.41E-05	1.56E-05	1.79E-06	5.88E-05	6.76E-06	2.36E-04	1.72E-04	1.79E-04	5.87E-04	8.2E-08	2.5E-07	1.4E-07	1.0E-07	1.1E-07	9.8E-08	4.5E-08	2.7E-09	6.6E-08	1.8E-08	7.1E-09	4.6E-09	3.9E-09	0.0E+00	1.0E-07
488	UCART1	592807.59	4123319.92	592807.59, 4123319.92	0.0811	0.14372	0.1157	4.64946	0.30471	1.09E-04	1.76E-04	1.27E-04	1.02E-04	1.74E-05	1.30E-05	2.22E-06	4.90E-05	8.35E-06	2.29E-04	1.91E-04	1.85E-04	6.04E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	1.1E-07	1.0E-07	4.6E-08	2.6E-09	6.4E-08	1.8E-08	7.8E-09	4.7E-09	4.0E-09	0.0E+00	1.0E-07
489	UCART1	592847.59	4123319.92	592847.59, 4123319.92	0.08943	0.1664	0.13122	16.50842	0.39201	1.21E-04	2.04E-04	1.45E-04	3.62E-04	2.23E-05	4.61E-05	2.85E-06	1.74E-04	1.07E-05	5.05E-04	2.53E-04	3.29E-04	1.09E-03	1.7E-07	5.3E-07	3.1E-07	1.5E-07	2.0E-07	1.8E-07	8.2E-08	5.8E-09	1.4E-07	3.9E-08	1.0E-08	8.5E-09	7.2E-09	0.0E+00	2.1E-07
490	UCART1	592887.59	4123319.92	592887.59, 4123319.92	0.0992	0.19521	0.1504	9.79192	0.51747	1.34E-04	2.39E-04	1.66E-04	2.15E-04	2.95E-05	2.74E-05	3.76E-06	1.03E-04	1.42E-05	3.78E-04	2.70E-04	2.83E-04	9.31E-04	1.3E-07	3.9E-07	2.3E-07	1.6E-07	1.7E-07	1.6E-07	7.1E-08	4.4E-09	1.1E-07	2.9E-08	1.1E-08	7.3E-09	6.2E-09	0.0E+00	1.6E-07
491	UCART1	592927.59	4123319.92	592927.59, 4123319.92	0.11194	0.23542	0.17371	6.68216	0.71877	1.51E-04	2.88E-04	1.91E-04	1.46E-04	4.10E-05	1.87E-05	5.23E-06	7.04E-05	1.97E-05	3.38E-04	3.12E-04	2.81E-04	9.32E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	1.7E-07	1.5E-07	7.0E-08	3.9E-09	9.4E-08	2.6E-08	1.3E-08	7.2E-09	6.1E-09	0.0E+00	1.5E-07
492	UCART1	592967.59	4123319.92	592967.59, 4123319.92	0.12696	0.28889	0.20455	4.8891	1.0495	1.71E-04	3.53E-04	2.25E-04	1.07E-04	5.98E-05	1.37E-05	7.63E-06	5.15E-05	2.88E-05	3.38E-04	3.75E-04	3.06E-04	1.02E-03	1.2E-07	3.5E-07	2.0E-07	2.3E-07	1.8E-07	1.7E-07	7.6E-08	3.9E-09	9.4E-08	2.6E-08	1.5E-08	7.8E-09	6.7E-09	0.0E+00	1.5E-07
493	UCART1	593007.59	4123319.92	593007.59, 4123319.92	0.14571	0.36402	0.24553	3.76171	1.68656	1.97E-04	4.45E-04	2.70E-04	8.24E-05	9.61E-05	1.05E-05	1.23E-05	3.96E-05	4.62E-05	3.75E-04	4.68E-04	3.56E-04	1.20E-03	1.3E-07	3.9E-07	2.3E-07	2.8E-07	2.2E-07	2.0E-07	8.9E-08	4.3E-09	1.0E-07	2.9E-08	1.9E-08	9.1E-09	7.8E-09	0.0E+00	1.7E-07
494	UCART1	593047.59	4123319.92	593047.59, 4123319.92	0.17033	0.47699	0.30227	2.99476	3.1428	2.30E-04	5.84E-04	3.33E-04	6.56E-05	1.79E-04	8.37E-06	2.28E-05	3.16E-05	8.61E-05	4.74E-04	6.15E-04	4.51E-04	1.54E-03	1.6E-07	5.0E-07	2.9E-07	3.7E-07	2.7E-07	2.5E-07	1.1E-07	5.5E-09	1.3E-07	3.7E-08	2.5E-08	1.2E-08	9.8E-09	0.0E+00	2.2E-07
495	UCART1	593087.59	4123319.92	593087.59, 4123319.92	0.20246	0.65391	0.38256	2.42897	7.93055	2.73E-04	8.00E-04	4.21E-04	5.32E-05	4.52E-04	6.79E-06	5.77E-05	2.56E-05	2.17E-04	7.78E-04	8.64E-04	6.64E-04	2.31E-03	2.7E-07	8.1E-07	4.7E-07	5.2E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	2.2E-07	6.0E-08	3.6E-08	1.7E-08	1.4E-08	0.0E+00	3.5E-07
496	UCART1	593127.59	4123319.92	593127.59, 4123319.92	0.24604	0.95633	0.50287	1.98899	9.42149	3.32E-04	1.17E-03	5.54E-04	4.36E-05	5.37E-04	5.56E-06	6.85E-05	2.10E-05	2.58E-04	9.12E-04	1.24E-03	8.33E-04	2.99E-03	3.2E-07	9.5E-07	5.5E-07	7.5E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	2.5E-07	7.0E-08	5.1E-08	2.1E-08	1.8E-08	0.0E+00	4.3E-07
497	UCART1	593167.59	4123319.92	593167.59, 4123319.92	0.30568	1.5393	0.69267	1.63173	7.30441	4.12E-04	1.88E-03	7.63E-04	3.58E-05	4.16E-04	4.56E-06	5.31E-05	1.72E-05	2.00E-04	8.64E-04	1.94E-03	9.80E-04	3.79E-03	3.0E-07	9.0E-07	5.2E-07	1.2E-06	5.9E-07	5.4E-07	2.5E-07	1.0E-08	2.4E-07	6.7E-08	8.0E-08	2.5E-08	2.1E-08	0.0E+00	4.4E-07
498	UCART1	593207.59	4123319.92	593207.59, 4123319.92	0.38834	2.88928	1.01186	1.33401	5.07159	5.24E-04	3.53E-03	1.11E-03	2.92E-05	2.89E-04	3.73E-06	3.69E-05	1.41E-05	1.39E-04	8.42E-04	3.58E-03	1.27E-03	5.68E-03	2.9E-07	8.8E-07	5.1E-07	2.2E-06	7.7E-07	7.0E-07	3.2E-07	9.7E-09	2.4E-07	6.5E-08	1.5E-07	3.3E-08	2.8E-08	0.0E+00	5.2E-07
499	UCART1	593247.59	4123319.92	593247.59, 4123319.92	0.51487	7.26539	1.63959	1.08867	4.12745	6.94E-04	8.89E-03	1.81E-03	2.39E-05	2.35E-04	3.04E-06	3.00E-05	1.15E-05	1.13E-04	9.53E-04	8.92E-03	1.93E-03	1.18E-02	3.3E-07	1.0E-06	5.8E-07	5.4E-06	1.2E-06	1.1E-06	4.8E-07	1.1E-08	2.7E-07	7.3E-08	3.7E-07	5.0E-08	4.2E-08	0.0E+00	8.1E-07
500	UCART1	593287.59	4123319.92	593287.59, 4123319.92	0.72449	18.68669	3.15494	0.88863	3.63938	9.77E-04	2.29E-02	3.48E-03	1.95E-05	2.07E-04	2.48E-06	2.65E-05	9.36E-06	9.97E-05	1.20E-03	2.29E-02	3.58E-03	2.77E-02	4.2E-07	1.3E-06	7.3E-07	1.4E-05	2.2E-06	2.0E-06	9.0E-07	1.4E-08	3.4E-07	9.3E-08	9.4E-07	9.2E-08	7.8E-08	0.0E+00	1.6E-06
501	UCART1	593327.59	4123319.92	593327.59, 4123319.92	1.08629	33.35569	7.96121	0.72443	3.35679	1.46E-03	4.08E-02	8.77E-03	1.59E-05	1.91E-04	2.02E-06	2.44E-05	7.63E-06	9.20E-05	1.67E-03	4.08E-02	8.87E-03	5.14E-02	5.8E-07	1.7E-06	1.0E-06	2.5E-05	5.4E-06	4.9E-06	2.2E-06	1.9E-08	4.7E-07	1.3E-07	1.7E-06	2.3E-07	1.9E-07	0.0E+00	2.7E-06
502	UCART1	593367.59	4123319.92	593367.59, 4123319.92	1.75457	29.09369	18.58332	0.59268	3.17995	2.37E-03	3.56E-02	2.05E-02	1.30E-05	1.81E-04	1.66E-06	2.31E-05	6.24E-06	8.71E-05	2.56E-03	3.56E-02	2.06E-02	5.87E-02	8.9E-07	2.7E-06	1.5E-06	2.2E-05	1.2E-05	1.1E-05	5.1E-06	3.0E-08	7.1E-07	2.0E-07	1.5E-06	5.3E-07	4.5E-07	0.0E+00	3.4E-06
503	UCART1	593407.59	4123319.92	593407.59, 4123319.92	3.05723	13.24403	32.59667	0.48819	2.97758	4.12E-03	1.62E-02	3.59E-02	1.07E-05	1.70E-04	1.36E-06	2.16E-05	5.14E-06	8.16E-05	4.30E-03	1.62E-02	3.60E-02	5.65E-02	1.5E-06	4.5E-06	2.6E-06	9.8E-06	2.2E-05	2.0E-05	9.0E-06	5.0E-08	1.2E-06	3.3E-07	6.7E-07	9.2E-07	7.8E-07	0.0E+00	4.0E-06
504	UCART1	593447.59	4123319.92	593447.59, 4123319.92	4.6458	7.64065	36.99783	0.40218	2.96897	6.27E-03	9.35E-03	4.08E-02	8.81E-06	1.69E-04	1.12E-06	2.16E-05	4.24E-06	8.14E-05	6.44E-03	9.37E-03	4.08E-02	5.67E-02	2.2E-06	6.7E-06	3.9E-06	5.7E-06	2.5E-05	2.2E-05	1.0E-05	7.4E-08	1.8E-06	5.0E-07	3.8E-07	1.0E-06	8.9E-07	0.0E+00	4.7E-06
505	UCART1	593487.59	4123319.92	593487.59, 4123319.92	6.33537	4.8706	34.63047	0.33342	2.92984	8.54E-03	5.96E-03	3.81E-02	7.31E-06	1.67E-04	9.32E-07	2.13E-05	3.51E-06	8.03E-05	8.72E-03	5.98E-03	3.82E-02	5.29E-02	3.0E-06	9.1E-06	5.3E-06	3.6E-06	2.3E-05	2.1E-05	9.6E-06	1.0E-07	2.4E-06	6.7E-07	2.5E-07	9.8E-07	8.3E-07	0.0E+00	5.3E-06
506	UCART1	593527.59	4123319.92	593527.59, 4123319.92	9.57675	3.29655	23.88254	0.28005	2.92782	1.29E-02	4.03E-03	2.63E-02	6.14E-06	1.67E-04	7.83E-07	2.13E-05	2.95E-06	8.02E-05	1.31E-02	4.05E-03	2.64E-02	4.35E-02	4.5E-06	1.4E-05	7.9E-06	2.5E-06	1.6E-05	1.4E-05	6.6E-06	1.5E-07	3.7E-06	1.0E-06	1.7E-07	6.8E-07	5.7E-07	0.0E+00	6.2E-06
507	UCART1	593567.59	4123319.92	593567.59, 4123319.92	13.08127	2.2781	13.2811	0.2375	3.17924	1.76E-02	2.79E-03	1.46E-02	5.20E-06	1.81E-04	6.64E-07	2.31E-05	2.50E-06	8.71E-05	1.78E-02	2.81E-03	1.47E-02	3.54E-02	6.2E-06	1.9E-05	1.1E-05	1.7E-06	8.9E-06	8.1E-06	3.7E-06	2.1E-07	5.0E-06	1.4E-06	1.2E-07	3.8E-07	3.2E-07	0.0E+00	7.4E-06
508	UCART1	593607.59	4123319.92	593607.59, 4123319.92	13.38704	1.59439	5.10793	0.20306	4.41384	1.81E-02	1.95E-03	5.63E-03	4.45E-06	2.52E-04	5.68E-07	3.21E-05	2.14E-06	1.21E-04	1.83E-02	1.98E-03	5.75E-03	2.60E-02	6.3E-06	1.9E-05	1.1E-05	1.2E-06	3.5E-06	3.2E-06	1.4E-06	2.1E-07	5.1E-06	1.4E-06	8.1E-08	1.5E-07	1.3E-07	0.0E+00	7.1E-06
509	UCART1	593647.59	4123319.92	593647.59, 4123319.92	10.84689	1.13305	2.61664	0.17528	3.94603	1.46E-02	1.39E-03	2.88E-03	3.84E-06	2.25E-04	4.90E-07	2.87E-05	1.85E-06	1.08E-04	1.49E-02	1.42E-03	2.99E-03	1.93E-02	5.1E-06	1.6E-05	9.0E-06	8.6E-07	1.8E-06	1.6E-06	7.5E-07	1.7E-07	4.1E-06	1.1E-06	5.8E-08	7.7E-08	6.5E-08	0.0E+00	5.7E-06
510	UCART1	593687.59	4123319.92	593687.59, 4123319.92	10.32519	0.82057	1.57991	0.15258	10.16433	1.39E-02	1.00E-03	1.74E-03	3.34E-06	5.79E-04	4.26E-07	7.39E-05	1.61E-06	2.79E-04	1.45E-02	1.08E-03	2.02E-03	1.76E-02	5.0E-06	1.5E-05	8.8E-06	6.5E-07	1.2E-06	1.1E-06	5.1E-07	1.7E-07	4.1E-06	1.1E-06	4.4E-08	5.2E-08	4.4E-08	0.0E+00	5.5E-06
511	UCART1	593727.59	4123319.92	593727.59, 4123319.92	6.61506	0.60856	1.05314	0.13387	5.35598	8.92E-03	7.44E-04	1.16E-03	2.93E-06	3.05E-04	3.74E-07	3.89E-05	1.41E-06	1.47E-04	9.23E-03	7.84E-04	1.31E-03	1.13E-02	3.2E-06	9.6E-06	5.6E-06	4.7E-07	7.9E-07	7.2E-07	3.3E-07	1.1E-07	2.6E-06	7.1E-07	3.2E-08	3.4E-08	2.8E-08	0.0E+00	3.5E-06
512	UCART1	593767.59	4123319.92	593767.59, 4123319.92	4.40906	0.46368	0.75002	0.11844	2.87068	5.95E-03	5.67E-04	8.26E-04	2.60E-06	1.64E-04	3.31E-07	2.09E-05	1.25E-06	7.87E-05	6.11E-03	5.88E-04	9.06E-04	7.61E-03	2.1E-06	6.4E-06	3.7E-06	3.6E-07	5.5E-07	5.0E-07	2.3E-07	7.1E-08	1.7E-06	4.7E-07	2.4E-08	2.3E-08	2.0E-08	0.0E+00	2.3E-06
513	UCART1	593807.59	4123319.92	593807.59, 4123319.92	2.97859	0.36262	0.5603	0.10555	1.55308	4.02E-03	4.44E-04	6.17E-04	2.31E-06	8.85E-05	2.95E-07	1.13E-05	1.11E-06	4.26E-05	4.11E-03	4.55E-04	6.61E-04	5.22E-03	1.4E-06	4.3E-06	2.5E-06	2.8E-07	4.0E-07	3.6E-07	1.7E-07	4.7E-08	1.1E-06	3.2E-07	1.9E-08	1.7E-08	1.4E-08	0.0E+00	1.6E-06
514	UCART1	593847.59	4123319.92	593847.59, 4123319.92	2.01371	0.2905	0.43415	0.09472	0.90454	2.72E-03	3.55E-04	4.78E-04	2.08E-06	5.16E-05	2.65E-07	6.58E-06	9.98E-07	2.48E-05	2.77E-03	3.62E-04	5.04E-04	3.64E-03	9.6E-07	2.9E-06	1.7E-06	2.2E-07	3.0E-07	2.8E-07	1.3E-07	3.2E-08	7.7E-07	2.1E-07	1.5E-08	1.3E-08	1.1E-08	0.0E+00	1.1E-06
515	UCART1	593887.59	4123319.92	593887.59, 4123319.92	1.3887	0.2378	0.34623	0.08554	0.57697	1.87E-03	2.91E-04	3.81E-04	1.87E-06	3.29E-05	2.39E-07	4.19E-06	9.01E-07	1.58E-05	1.91E-03	2.95E-04	3.98E-04	2.60E-03	6.6E-07	2.0E-06	1.2E-06	1.8E-07	2.4E-07	2.2E-07	1.0E-07	2.2E-08	5.3E-07	1.5E-07	1.2E-08	1.0E-08	8.7E-09	0.0E+00	7.3E-07
516	UCART1	593927.59	4123319.92	593927.59, 4123319.92	0.98703	0.19835	0.28268	0.07772	0.39911	1.33E-03	2.43E-04	3.11E-04	1.70E-06	2.27E-05	2.17E-07	2.90E-06	8.19E-07	1.09E-05	1.36E-03	2.46E-04	3.23E-04	1.92E-03	4.7E-07	1.4E-06	8.2E-07	1.5E-07	2.0E-07	1.8E-07	8.1E-08	1.6E-08	3.8E-07	1.0E-07	1.0E-08	8.3E-09	7.0E-09	0.0E+00	5.2E-07
517	UCART1	593967.59	4123319.92	593967.59, 4123319.92	0.72492	0.16821	0.23531	0.071	0.29442	9.78E-04	2.06E-04	2.59E-04	1.56E-06	1.68E-05	1.98E-07	2.14E-06	7.48E-07	8.07E-06	9.96E-04	2.08E-04	2.68E-04	1.47E-03	3.4E-07	1.0E-06	6.0E-07	1.3E-07	1.6E-07	1.5E-07	6.7E-08	1.2E-08	2.8E-07	7.7E-08	8.5E-09	6.9E-09	5.8E-09	0.0E+00	3.9E-07
518	UCART1	594007.59	4123319.92	594007.59, 4123319.92	0.54874	0.14475	0.19921	0.0652	0.22824	7.40E-04	1.77E-04	2.19E-04	1.43E-06	1.30E-05	1.82E-07	1.66E-06	6.87E-07	6.25E-06	7.54E-04	1.79E-04	2.26E-04	1.16E-03	2.6E-07	7.9E-07	4.6E-07	1.1E-07	1.4E-07	1.2E-07	5.7E-08	8.7E-09	2.1E-07	5.8E-08	7.3E-09	5.8E-09	4.9E-09	0.0E+00	3.0E-07
519	UCART1	592567.59	4123359.92	592567.59, 4123359.92	0.0527	0.07849	0.06786	0.44496	0.1189	7.11E-05	9.60E-05	7.47E-05	9.75E-06	6.78E-06	1.24E-06	8.64E-07	4.69E-06	3.26E-06	8.76E-05	9.81E-05	8.27E-05	2.68E-04	3.0E-08	9.2E-08	5.3E-08	5.9E-08	5.0E-08	4.5E-08	2.1E-08	1.0E-09	2.4E-08	6.7E-09	4.0E-09	2.1E-09	1.8E-09	0.0E+00	4.0E-08
520	UCART1	592607.59	4123359.92	592607.59, 4123359.92	0.05659	0.08655	0.07387	0.61618	0.13751	7.63E-05	1.06E-04	8.14E-05	1.35E-05	7.84E-06	1.72E-06	1.00E-06	6.49E-06	3.77E-06	9.77E-05	1.09E-04	9.16E-05	2.98E-04	3.4E-08	1.0E-07	5.9E-08	6.6E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	2.7E-08	7.5E-09	4.5E-09	2.4E-09	2.0E-09	0.0E+00	4.5E-08
521	UCART1	592647.59	4123359.92	592647.59, 4123359.92	0.06099	0.09609	0.08102	0.92171	0.16153	8.22E-05	1.18E-04	8.92E-05	2.02E-05	9.21E-06	2.58E-06	1.17E-06	9.71E-06	4.43E-06	1.12E-04	1.21E-04	1.03E-04	3.36E-04	3.9E-08	1.2E-07	6.8E-08	7.3E-08	6.3E-08	5.7E-08	2.6E-08	1.3E-09	3.1E-08	8.6E-09	5.0E-09	2.7E-09	2.3E-09	0.0E+00	5.1E-08
522	UCART1	592687.59	4123359.92	592687.59, 4123359.92	0.0661	0.10751	0.08943	1.55375	0.19336	8.91E-05	1.32E-04	9.85E-05	3.40E-05	1.10E-05	4.34E-06	1.41E-06	1.64E-05	5.30E-06	1.34E-04	1.37E-04	1.20E-04	3.92E-04	4.6E-08	1.4E-07	8.1E-08	8.3E-08	7.3E-08	6.6E-08	3.0E-08	1.6E-09	3.7E-08	1.0E-08	5.6E-09	3.1E-09	2.6E-09	0.0E+00	6.1E-08
523	UCART1	592727.59	4123359.92	592727.59, 4123359.92	0.07202	0.12143	0.09924	3.14763	0.23698	9.71E-05	1.49E-04	1.09E-04	6.90E-05	1.35E-05	8.80E-06	1.72E-06	3.32E-05	6.49E-06	1.80E-04	1.59E-04	1.49E-04	4.88E-04	6.2E-08	1.9E-07	1.1E-07	9.6E-08	9.0E-08	8.2E-08	3.7E-08	2.1E-09	5.0E-08	1.4E-08	6.5E-09	3.8E-09	3.2E-09	0.0E+00	8.0E-08
524	UCART1	592767.59	4123359.92	592767.59, 4123359.92	0.0789	0.13837	0.11142	7.94169	0.29873	1.06E-04	1.69E-04	1.23E-04	1.74E-04	1.70E-05	2.22E-05	2.17E-06	8.37E-05	8.19E-06	2.97E-04	1.94E-04	2.15E-04	7.06E-04	1.0E-07	3.1E-07	1.8E-07	1.2E-07	1.3E-07	1.2E-07	5.4E-08	3.4E-09	8.3E-08	2.3E-08	8.0E-09	5.5E-09	4.7E-09	0.0E+00	1.3E-07
525	UCART1	592807.59	4123359.92	592807.59, 4123359.92	0.08706	0.15849	0.12629	16.18075	0.38604	1.17E-04	1.94E-04	1.39E-04	3.55E-04	2.20E-05	4.52E-05	2.81E-06	1.70E-04	1.06E-05	4.94E-04	2.42E-04	3.20E-04	1.06E-03	1.7E-07	5.2E-07	3.0E-07	1.5E-07	1.9E-07	1.8E-07	8.0E-08	5.7E-09	1.4E-07	3.8E-08	9.9E-09	8.2E-09	7.0E-09	0.0E+00	2.1E-07
526	UCART1	592847.59	4123359.92	592847.59, 4123359.92	0.09701	0.18452	0.1446	28.40075	0.51613	1.31E-04	2.26E-04	1.59E-04	6.22E-04	2.94E-05	7.94E-05	3.75E-06	2.99E-04	1.41E-05	7.83E-04	3.09E-04	4.73E-04	1.56E-03	2.7E-07	8.2E-07	4.7E-07	1.9E-07	2.9E-07	2.6E-07	1.2E-07	9.0E-09	2.2E-07	6.0E-08	1.3E-08	1.2E-08	1.0E-08	0.0E+00	3.2E-07
527	UCART1	592887.59	4123359.92	592887.59, 4123359.92	0.10854	0.2196	0.16737	14.58819	0.72487	1.46E-04	2.69E-04	1.84E-04	3.20E-04	4.13E-05	4.08E-05	5.27E-06	1.54E-04	1.99E-05	5.07E-04	3.15E-04	3.58E-04	1.18E-03	1.8E-07	5.3E-07	3.1E-07	1.9E-07	2.2E-07	2.0E-07	9.0E-08	5.9E-09	1.4E-07	3.9E-08	1.3E-08	9.2E-09	7.8E-09	0.0E+00	2.2E-07
528	UCART1	592927.59	4123359.92	592927.59, 4123359.92	0.12241	0.26901	0.19639	8.96755	1.07149	1.65E-04	3.29E-04	2.16E-04	1.97E-04	6.11E-05	2.51E-05	7.79E-06	9.45E-05	2.94E-05	4.23E-04	3.62E-04	3.40E-04	1.12E-03	1.5E-07	4.4E-07	2.6E-07	2.2E-07	2.1E-07	1.9E-07	8.5E-08	4.9E-09	1.2E-07	3.3E-08	1.5E-08	8.7E-09	7.4E-09	0.0E+00	1.9E-07
529	UCART1	592967.59	4123359.92	592967.59, 4123359.92	0.13999	0.33626	0.23512	6.15556	1.65085	1.89E-04	4.11E-04	2.59E-04	1.35E-04	9.41E-05	1.72E-05	1.20E-05	6.49E-05	4.52E-05	4.18E-04	4.41E-04	3.69E-04	1.23E-03	1.4E-07	4.4E-07	2.5E-07	2.7E-07	2.2E-07	2.0E-07	9.2E-08	4.8E-09	1.2E-07	3.2E-08	1.8E-08	9.5E-09	8.0E-09	0.0E+00	1.9E-07
530	UCART1	593007.59	4123359.92	593007.59, 4123359.92	0.16254	0.43608	0.28749	4.52876	2.72277	2.19E-04	5.33E-04	3.17E-04	9.92E-05	1.55E-04	1.27E-05	1.98E-05	4.77E-05	7.46E-05	4.74E-04	5.66E-04	4.39E-04	1.48E-03	1.6E-07	5.0E-07	2.9E-07	3.4E-07	2.7E-07	2.4E-07	1.1E-07	5.5E-09	1.3E-07	3.6E-08	2.3E-08	1.1E-08	9.6E-09	0.0E+00	2.2E-07
531	UCART1	593047.59	4123359.92	593047.59, 4123359.92	0.19177	0.59048	0.36153	3.471	4.80774	2.59E-04	7.22E-04	3.98E-04	7.61E-05	2.74E-04	9.70E-06	3.50E-05	3.66E-05	1.32E-04	6.09E-04	7.67E-04	5.67E-04	1.94E-03	2.1E-07	6.4E-07	3.7E-07	4.6E-07	3.4E-07	3.1E-07	1.4E-07	7.0E-09	1.7E-07	4.7E-08	3.2E-08	1.5E-08	1.2E-08	0.0E+00	2.8E-07
532	UCART1	593087.59	4123359.92	593087.59, 4123359.92	0.2311	0.84954	0.46999	2.72271	7.48575	3.12E-04	1.04E-03	5.18E-04	5.97E-05	4.27E-04	7.61E-06	5.44E-05	2.87E-05	2.05E-04	7.98E-04	1.10E-03	7.52E-04	2.65E-03	2.8E-07	8.3E-07	4.8E-07	6.7E-07	4.5E-07	4.1E-07	1.9E-07	9.2E-09	2.2E-07	6.1E-08	4.5E-08	1.9E-08	1.6E-08	0.0E+00	3.7E-07
533	UCART1	593127.59	4123359.92	593127.59, 4123359.92	0.28574	1.31678	0.63828	2.15351	10.94041	3.85E-04	1.61E-03	7.03E-04	4.72E-05	6.24E-04	6.02E-06	7.95E-05	2.27E-05	3.00E-04	1.06E-03	1.70E-03	1.03E-03	3.78E-03	3.7E-07	1.1E-06	6.4E-07	1.0E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	2.9E-07	8.1E-08	7.0E-08	2.6E-08	2.2E-08	0.0E+00	5.1E-07
534	UCART1	593167.59	4123359.92	593167.59, 4123359.92	0.36344	2.22905	0.91224	1.70246	5.48868	4.90E-04	2.73E-03	1.00E-03	3.73E-05	3.13E-04	4.76E-06	3.99E-05	1.79E-05	1.50E-04	8.40E-04	2.77E-03	1.17E-03	4.79E-03	2.9E-07	8.8E-07	5.1E-07	1.7E-06	7.1E-07	6.4E-07	2.9E-07	9.7E-09	2.3E-07	6.5E-08	1.1E-07	3.0E-08	2.6E-08	0.0E+00	4.8E-07
535	UCART1	593207.59	4123359.92	593207.59, 4123359.92	0.47891	4.17817	1.38919	1.34102	3.60741	6.46E-04	5.11E-03	1.53E-03	2.94E-05	2.06E-04	3.75E-06	2.62E-05	1.41E-05	9.89E-05	8.81E-04	5.14E-03	1.64E-03	7.67E-03	3.0E-07	9.2E-07	5.3E-07	3.1E-06	9.9E-07	9.0E-07	4.1E-07	1.0E-08	2.5E-07	6.8E-08	2.1E-07	4.2E-08	3.6E-08	0.0E+00	6.1E-07
536	UCART1	593247.59	4123359.92	593247.59, 4123359.92	0.66812	9.02956	2.3032	1.05571	2.7639	9.01E-04	1.10E-02	2.54E-03	2.31E-05	1.58E-04	2.95E-06	2.01E-05	1.11E-05	7.57E-05	1.08E-03	1.11E-02	2.62E-03	1.48E-02	3.7E-07	1.1E-06	6.5E-07	6.7E-06	1.6E-06	1.4E-06	6.6E-07	1.3E-08	3.0E-07	8.3E-08	4.5E-07	6.7E-08	5.7E-08	0.0E+00	9.8E-07
537	UCART1	593287.59	4123359.92	593287.59, 4123359.92	1.02958	19.07429	4.22628	0.83488	2.33737	1.39E-03	2.33E-02	4.66E-03	1.83E-05	1.33E-04	2.33E-06	1.70E-05	8.80E-06	6.41E-05	1.54E-03	2.34E-02	4.73E-03	2.96E-02	5.3E-07	1.6E-06	9.3E-07	1.4E-05	2.9E-06	2.6E-06	1.2E-06	1.8E-08	4.3E-07	1.2E-07	9.6E-07	1.2E-07	1.0E-07	0.0E+00	1.8E-06
538	UCART1	593327.59	4123359.92	593327.59, 4123359.92	1.89804	28.93634	8.45025	0.66288	2.09976	2.56E-03	3.54E-02	9.31E-03	1.45E-05	1.20E-04	1.85E-06	1.53E-05	6.98E-06	5.75E-05	2.69E-03	3.54E-02	9.37E-03	4.75E-02	9.3E-07	2.8E-06	1.6E-06	2.1E-05	5.7E-06	5.1E-06	2.3E-06	3.1E-08	7.5E-07	2.1E-07	1.5E-06	2.4E-07	2.0E-07	0.0E+00	2.9E-06
539	UCART1	593367.59	4123359.92	593367.59, 4123359.92	3.27363	31.64174	14.59452	0.53137	1.95622	4.41E-03	3.87E-02	1.61E-02	1.16E-05	1.12E-04	1.49E-06	1.42E-05	5.60E-06	5.36E-05	4.54E-03	3.87E-02	1.61E-02	5.94E-02	1.6E-06	4.7E-06	2.7E-06	2.3E-05	9.8E-06	8.8E-06	4.0E-06	5.2E-08	1.3E-06	3.5E-07	1.6E-06	4.1E-07	3.5E-07	0.0E+00	4.0E-06
540	UCART1	593407.59	4123359.92	593407.59, 4123359.92	6.67865	12.80025	17.75382	0.4313	1.83435	9.01E-03	1.57E-02	1.96E-02	9.45E-06	1.05E-04	1.21E-06	1.33E-05	4.54E-06	5.03E-05	9.12E-03	1.57E-02	1.96E-02	4.44E-02	3.2E-06	9.5E-06	5.5E-06	9.5E-06	1.2E-05	1.1E-05	4.9E-06	1.1E-07	2.5E-06	7.0E-07	6.4E-07	5.0E-07	4.3E-07	0.0E+00	4.9E-06
541	UCART1	593447.59	4123359.92	593447.59, 4123359.92	9.07825	7.18214	20.38633	0.35253	1.77859	1.22E-02	8.79E-03	2.25E-02	7.73E-06	1.01E-04	9.85E-07	1.29E-05	3.71E-06	4.87E-05	1.24E-02	8.80E-03	2.25E-02	4.37E-02	4.3E-06	1.3E-05	7.5E-06	5.3E-06	1.4E-05	1.2E-05	5.6E-06	1.4E-07	3.4E-06	9.5E-07	3.6E-07	5.8E-07	4.9E-07	0.0E+00	6.0E-06
542	UCART1	593487.59	4123359.92	593487.59, 4123359.92	12.76126	4.43566	18.5727	0.29118	1.78235	1.72E-02	5.43E-03	2.05E-02	6.38E-06	1.02E-04	8.14E-07	1.30E-05	3.07E-06	4.88E-05	1.73E-02	5.44E-03	2.05E-02	4.33E-02	6.0E-06	1.8E-05	1.0E-05	3.3E-06	1.2E-05	1.1E-05	5.1E-06	2.0E-07	4.8E-06	1.3E-06	2.2E-07	5.3E-07	4.5E-07	0.0E+00	7.6E-06
543	UCART1	593527.59	4123359.92	593527.59, 4123359.92	15.8287	2.81186	10.16358	0.24347	1.85092	2.13E-02	3.44E-03	1.12E-02	5.34E-06	1.06E-04	6.81E-07	1.35E-05	2.57E-06	5.07E-05	2.15E-02	3.45E-03	1.12E-02	3.62E-02	7.4E-06	2.2E-05	1.3E-05	2.1E-06	6.8E-06	6.2E-06	2.8E-06	2.5E-07	6.0E-06	1.7E-06	1.4E-07	2.9E-07	2.5E-07	0.0E+00	8.6E-06
544	UCART1	593567.59	4123359.92	593567.59, 4123359.92	15.58421	1.8292	4.93171	0.20627	2.10018	2.10E-02	2.24E-03	5.43E-03	4.52E-06	1.20E-04	5.77E-07	1.53E-05	2.17E-06	5.76E-05	2.11E-02	2.25E-03	5.49E-03	2.89E-02	7.3E-06	2.2E-05	1.3E-05	1.4E-06	3.3E-06	3.0E-06	1.4E-06	2.4E-07	5.9E-06	1.6E-06	9.3E-08	1.4E-07	1.2E-07	0.0E+00	8.1E-06
545	UCART1	593607.59	4123359.92	593607.59, 4123359.92	15.02963	1.22737	2.51428	0.1768	2.77425	2.03E-02	1.50E-03	2.77E-03	3.87E-06	1.58E-04	4.94E-07	2.02E-05	1.86E-06	7.60E-05	2.04E-02	1.52E-03	2.85E-03	2.48E-02	7.1E-06	2.1E-05	1.2E-05	9.2E-07	1.7E-06	1.6E-06	7.1E-07	2.4E-07	5.7E-06	1.6E-06	6.3E-08	7.3E-08	6.2E-08	0.0E+00	7.7E-06
546	UCART1	593647.59	4123359.92	593647.59, 4123359.92	13.81759	0.85491	1.53051	0.15317	4.58124	1.86E-02	1.05E-03	1.69E-03	3.36E-06	2.61E-04	4.28E-07	3.33E-05	1.61E-06	1.26E-04	1.89E-02	1.08E-03	1.81E-03	2.18E-02	6.5E-06	2.0E-05	1.1E-05	6.5E-07	1.1E-06	9.9E-07	4.5E-07	2.2E-07	5.3E-06	1.5E-06	4.4E-08	4.7E-08	3.9E-08	0.0E+00	7.1E-06
547	UCART1	593687.59	4123359.92	593687.59, 4123359.92	10.72993	0.61927	1.02796	0.13398	4.21663	1.45E-02	7.58E-04	1.13E-03	2.94E-06	2.40E-04	3.74E-07	3.07E-05	1.41E-06	1.16E-04	1.47E-02	7.89E-04	1.25E-03	1.68E-02	5.1E-06	1.5E-05	8.9E-06	4.8E-07	7.6E-07	6.9E-07	3.1E-07	1.7E-07	4.1E-06	1.1E-06	3.2E-08	3.2E-08	2.7E-08	0.0E+00	5.5E-06
548	UCART1	593727.59	4123359.92	593727.59, 4123359.92	8.08979	0.46539	0.73652	0.1182	6.93838	1.09E-02	5.69E-04	8.11E-04	2.59E-06	3.95E-04	3.30E-07	5.04E-05	1.25E-06	1.90E-04	1.13E-02	6.20E-04	1.00E-03	1.29E-02	3.9E-06	1.2E-05	6.8E-06	3.8E-07	6.1E-07	5.5E-07	2.5E-07	1.3E-07	3.2E-06	8.7E-07	2.5E-08	2.6E-08	2.2E-08	0.0E+00	4.2E-06
549	UCART1	593767.59	4123359.92	593767.59, 4123359.92	4.61282	0.36154	0.55266	0.10516	2.43535	6.22E-03	4.42E-04	6.09E-04	2.30E-06	1.39E-04	2.94E-07	1.77E-05	1.11E-06	6.67E-05	6.36E-03	4.60E-04	6.77E-04	7.50E-03	2.2E-06	6.6E-06	3.8E-06	2.8E-07	4.1E-07	3.7E-07	1.7E-07	7.4E-08	1.8E-06	4.9E-07	1.9E-08	1.7E-08	1.5E-08	0.0E+00	2.4E-06
550	UCART1	593807.59	4123359.92	593807.59, 4123359.92	2.63702	0.28894	0.42963	0.09426	1.09407	3.56E-03	3.53E-04	4.73E-04	2.07E-06	6.24E-05	2.63E-07	7.95E-06	9.93E-07	3.00E-05	3.62E-03	3.62E-04	5.04E-04	4.49E-03	1.3E-06	3.8E-06	2.2E-06	2.2E-07	3.1E-07	2.8E-07	1.3E-07	4.2E-08	1.0E-06	2.8E-07	1.5E-08	1.3E-08	1.1E-08	0.0E+00	1.4E-06
551	UCART1	593847.59	4123359.92	593847.59, 4123359.92	1.62032	0.23646	0.34359	0.08507	0.62154	2.19E-03	2.89E-04	3.78E-04	1.86E-06	3.54E-05	2.38E-07	4.52E-06	8.96E-07	1.70E-05	2.22E-03	2.94E-04	3.96E-04	2.91E-03	7.7E-07	2.3E-06	1.3E-06	1.8E-07	2.4E-07	2.2E-07	9.9E-08	2.6E-08	6.2E-07	1.7E-07	1.2E-08	1.0E-08	8.6E-09	0.0E+00	8.5E-07
552	UCART1	593887.59	4123359.92	593887.59, 4123359.92	1.0723	0.19747	0.28118	0.07726	0.40993	1.45E-03	2.42E-04	3.10E-04	1.69E-06	2.34E-05	2.16E-07	2.98E-06	8.14E-07	1.12E-05	1.47E-03	2.45E-04	3.22E-04	2.04E-03	5.1E-07	1.5E-06	8.9E-07	1.5E-07	1.9E-07	1.8E-07	8.1E-08	1.7E-08	4.1E-07	1.1E-07	1.0E-08	8.3E-09	7.0E-09	0.0E+00	5.7E-07
553	UCART1	593927.59	4123359.92	593927.59, 4123359.92	0.75447	0.16775	0.23453	0.07058	0.2968	1.02E-03	2.05E-04	2.58E-04	1.55E-06	1.69E-05	1.97E-07	2.16E-06	7.44E-07	8.13E-06	1.04E-03	2.08E-04	2.67E-04	1.51E-03	3.6E-07	1.1E-06	6.3E-07	1.3E-07	1.6E-07	1.5E-07	6.7E-08	1.2E-08	2.9E-07	8.0E-08	8.5E-09	6.9E-09	5.8E-09	0.0E+00	4.0E-07
554	UCART1	593967.59	4123359.92	593967.59, 4123359.92	0.5572	0.1446	0.19875	0.06481	0.22841	7.51E-04	1.77E-04	2.19E-04	1.42E-06	1.30E-05	1.81E-07	1.66E-06	6.83E-07	6.26E-06	7.66E-04	1.79E-04	2.26E-04	1.17E-03	2.7E-07	8.0E-07	4.6E-07	1.1E-07	1.4E-07	1.2E-07	5.7E-08	8.9E-09	2.1E-07	5.9E-08	7.3E-09	5.8E-09	4.9E-09	0.0E+00	3.0E-07
555	UCART1	594007.59	4123359.92	594007.59, 4123359.92	0.42755	0.12621	0.17074	0.05977	0.18342	5.77E-04	1.54E-04	1.88E-04	1.31E-06	1.05E-05	1.67E-07	1.33E-06	6.30E-07	5.03E-06	5.88E-04	1.56E-04	1.94E-04	9.38E-04	2.0E-07	6.1E-07	3.6E-07	9.4E-08	1.2E-07	1.1E-07	4.8E-08	6.8E-09	1.6E-07	4.5E-08	6.4E-09	5.0E-09	4.2E-09	0.0E+00	2.3E-07

CONSTRUCTION RISK (UNMITIGATED)

556	UCART1	592567.59	4123399.92	592567.59, 4123399.92	0.05539	0.08342	0.07225	0.55554	0.13239	7.47E-05	1.02E-04	7.96E-05	1.22E-05	7.55E-06	1.55E-06	9.63E-07	5.85E-06	3.63E-06	9.44E-05	1.05E-04	8.91E-05	2.88E-04	3.3E-08	9.9E-08	5.7E-08	6.3E-08	5.4E-08	4.9E-08	2.2E-08	1.1E-09	2.6E-08	7.3E-09	4.3E-09	2.3E-09	1.9E-09	0.0E+00	4.3E-08
557	UCART1	592607.59	4123399.92	592607.59, 4123399.92	0.05958	0.09234	0.07914	0.79432	0.15479	8.03E-05	1.13E-04	8.72E-05	1.74E-05	8.82E-06	2.22E-06	1.13E-06	8.37E-06	4.24E-06	1.07E-04	1.16E-04	9.98E-05	3.23E-04	3.7E-08	1.1E-07	6.4E-08	7.0E-08	6.0E-08	5.5E-08	2.5E-08	1.2E-09	3.0E-08	8.2E-09	4.8E-09	2.6E-09	2.2E-09	0.0E+00	4.9E-08
558	UCART1	592647.59	4123399.92	592647.59, 4123399.92	0.06443	0.10299	0.08712	1.21555	0.18421	8.69E-05	1.26E-04	9.60E-05	2.66E-05	1.05E-05	3.40E-06	1.34E-06	1.28E-05	5.05E-06	1.24E-04	1.31E-04	1.14E-04	3.69E-04	4.3E-08	1.3E-07	7.5E-08	7.9E-08	6.9E-08	6.2E-08	2.8E-08	1.4E-09	3.5E-08	9.6E-09	5.4E-09	2.9E-09	2.5E-09	0.0E+00	5.6E-08
559	UCART1	592687.59	4123399.92	592687.59, 4123399.92	0.07009	0.11583	0.09678	2.00688	0.22409	9.45E-05	1.42E-04	1.07E-04	4.40E-05	1.28E-05	5.61E-06	1.63E-06	2.11E-05	6.14E-06	1.51E-04	1.49E-04	1.34E-04	4.34E-04	5.2E-08	1.6E-07	9.2E-08	9.0E-08	8.1E-08	7.3E-08	3.4E-08	1.7E-09	4.2E-08	1.2E-08	6.1E-09	3.4E-09	2.9E-09	0.0E+00	6.8E-08
560	UCART1	592727.59	4123399.92	592727.59, 4123399.92	0.07665	0.13194	0.10837	3.51917	0.27997	1.03E-04	1.61E-04	1.19E-04	7.71E-05	1.60E-05	9.84E-06	2.04E-06	3.71E-05	7.67E-06	1.96E-04	1.73E-04	1.64E-04	5.34E-04	6.8E-08	2.1E-07	1.2E-07	1.0E-07	9.9E-08	9.0E-08	4.1E-08	2.3E-09	5.5E-08	1.5E-08	7.1E-09	4.2E-09	3.6E-09	0.0E+00	8.7E-08
561	UCART1	592767.59	4123399.92	592767.59, 4123399.92	0.08441	0.15186	0.1226	6.53841	0.36172	1.14E-04	1.86E-04	1.35E-04	1.43E-04	2.06E-05	1.83E-05	2.63E-06	6.89E-05	9.91E-06	2.78E-04	2.07E-04	2.14E-04	6.98E-04	9.6E-08	2.9E-07	1.7E-07	1.3E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-09	7.8E-08	2.1E-08	8.5E-09	5.5E-09	4.7E-09	0.0E+00	1.2E-07
562	UCART1	592807.59	4123399.92	592807.59, 4123399.92	0.0936	0.17656	0.14028	13.95174	0.48858	1.26E-04	2.16E-04	1.55E-04	3.06E-04	2.78E-05	3.90E-05	3.55E-06	1.47E-04	1.34E-05	4.60E-04	2.59E-04	3.15E-04	1.03E-03	1.6E-07	4.8E-07	2.8E-07	1.6E-07	1.9E-07	1.7E-07	7.9E-08	5.3E-09	1.3E-07	3.5E-08	1.1E-08	8.1E-09	6.9E-09	0.0E+00	1.9E-07
563	UCART1	592847.59	4123399.92	592847.59, 4123399.92	0.10489	0.2078	0.16234	12.47591	0.6936	1.41E-04	2.54E-04	1.79E-04	2.73E-04	3.95E-05	3.49E-05	5.04E-06	1.31E-04	1.90E-05	4.54E-04	2.94E-04	3.29E-04	1.08E-03	1.6E-07	4.7E-07	2.7E-07	1.8E-07	2.0E-07	1.8E-07	8.2E-08	5.3E-09	1.3E-07	3.5E-08	1.2E-08	8.5E-09	7.2E-09	0.0E+00	1.9E-07
564	UCART1	592887.59	4123399.92	592887.59, 4123399.92	0.11834	0.25178	0.1905	22.04341	1.07505	1.60E-04	3.08E-04	2.10E-04	4.83E-04	6.13E-05	6.16E-05	7.82E-06	2.32E-04	2.95E-05	7.04E-04	3.77E-04	4.72E-04	1.55E-03	2.4E-07	7.4E-07	4.3E-07	2.3E-07	2.9E-07	2.6E-07	1.2E-07	8.1E-09	2.0E-07	5.4E-08	1.6E-08	1.2E-08	1.0E-08	0.0E+00	3.0E-07
565	UCART1	592927.59	4123399.92	592927.59, 4123399.92	0.13454	0.31429	0.22756	12.18516	1.81156	1.81E-04	3.84E-04	2.51E-04	2.67E-04	1.03E-04	3.41E-05	1.32E-05	1.28E-04	4.96E-05	5.52E-04	4.32E-04	4.29E-04	1.41E-03	1.9E-07	5.8E-07	3.3E-07	2.6E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-09	1.5E-07	4.2E-08	1.8E-08	1.1E-08	9.3E-09	0.0E+00	2.4E-07
566	UCART1	592967.59	4123399.92	592967.59, 4123399.92	0.15541	0.40564	0.27728	7.77733	3.29131	2.10E-04	4.96E-04	3.05E-04	1.70E-04	1.88E-04	2.17E-05	2.39E-05	8.19E-05	9.02E-05	5.68E-04	5.42E-04	4.78E-04	1.59E-03	2.0E-07	5.9E-07	3.4E-07	3.3E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	1.6E-07	4.4E-08	2.2E-08	1.2E-08	1.0E-08	0.0E+00	2.5E-07
567	UCART1	593007.59	4123399.92	593007.59, 4123399.92	0.18235	0.54219	0.34618	5.43095	5.04159	2.46E-04	6.63E-04	3.81E-04	1.19E-04	2.87E-04	1.52E-05	3.67E-05	5.72E-05	1.38E-04	6.52E-04	7.15E-04	5.77E-04	1.94E-03	2.3E-07	6.8E-07	3.9E-07	4.3E-07	3.5E-07	3.2E-07	1.4E-07	7.5E-09	1.8E-07	5.0E-08	2.9E-08	1.5E-08	1.3E-08	0.0E+00	3.0E-07
568	UCART1	593047.59	4123399.92	593047.59, 4123399.92	0.21782	0.75613	0.44385	3.9812	7.60802	2.94E-04	9.25E-04	4.89E-04	8.72E-05	4.34E-04	1.11E-05	5.53E-05	4.19E-05	2.08E-04	8.15E-04	9.91E-04	7.39E-04	2.55E-03	2.8E-07	8.5E-07	4.9E-07	6.0E-07	4.5E-07	4.1E-07	1.9E-07	9.4E-09	2.3E-07	6.3E-08	4.1E-08	1.9E-08	1.6E-08	0.0E+00	3.8E-07
569	UCART1	593087.59	4123399.92	593087.59, 4123399.92	0.26699	1.11229	0.58905	2.99071	7.73482	3.60E-04	1.36E-03	6.49E-04	6.55E-05	4.41E-04	8.36E-06	5.62E-05	3.15E-05	2.12E-04	8.66E-04	1.43E-03	8.92E-04	3.18E-03	3.0E-07	9.1E-07	5.2E-07	8.6E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.4E-07	6.7E-08	5.9E-08	2.3E-08	1.9E-08	0.0E+00	4.2E-07
570	UCART1	593127.59	4123399.92	593127.59, 4123399.92	0.33624	1.7131	0.81022	2.2535	7.91892	4.53E-04	2.10E-03	8.92E-04	4.94E-05	4.51E-04	6.30E-06	5.76E-05	2.37E-05	2.17E-04	9.54E-04	2.16E-03	1.13E-03	4.25E-03	3.3E-07	1.0E-06	5.8E-07	1.3E-06	6.9E-07	6.2E-07	2.8E-07	1.1E-08	2.7E-07	7.3E-08	8.9E-08	2.9E-08	2.5E-08	0.0E+00	4.9E-07
571	UCART1	593167.59	4123399.92	593167.59, 4123399.92	0.44166	2.78766	1.16142	1.69777	3.88313	5.96E-04	3.41E-03	1.28E-03	3.72E-05	2.21E-04	4.75E-06	2.82E-05	1.79E-05	1.06E-04	8.54E-04	3.44E-03	1.40E-03	5.70E-03	3.0E-07	8.9E-07	5.2E-07	2.1E-06	8.5E-07	7.7E-07	3.5E-07	9.9E-09	2.4E-07	6.6E-08	1.4E-07	3.6E-08	3.1E-08	0.0E+00	5.2E-07
572	UCART1	593207.59	4123399.92	593207.59, 4123399.92	0.60858	4.80234	1.72609	1.27731	2.49148	8.21E-04	5.88E-03	1.90E-03	2.80E-05	1.42E-04	3.57E-06	1.81E-05	1.35E-05	6.83E-05	9.91E-04	5.90E-03	1.98E-03	8.87E-03	3.4E-07	1.0E-06	6.0E-07	3.6E-06	1.2E-06	1.1E-06	5.0E-07	1.1E-08	2.8E-07	7.6E-08	2.4E-07	5.1E-08	4.3E-08	0.0E+00	7.0E-07
573	UCART1	593247.59	4123399.92	593247.59, 4123399.92	0.90821	9.51724	2.64103	0.96756	1.89668	1.22E-03	1.16E-02	2.91E-03	2.12E-05	1.08E-04	2.70E-06	1.38E-05	1.02E-05	5.20E-05	1.35E-03	1.17E-02	2.97E-03	1.60E-02	4.7E-07	1.4E-06	8.2E-07	7.1E-06	1.8E-06	1.6E-06	7.4E-07	1.6E-08	3.8E-07	1.0E-07	4.8E-07	7.6E-08	6.5E-08	0.0E+00	1.1E-06
574	UCART1	593287.59	4123399.92	593287.59, 4123399.92	1.55202	18.79717	4.05891	0.74061	1.60351	2.09E-03	2.30E-02	4.47E-03	1.62E-05	9.14E-05	2.07E-06	1.17E-05	7.80E-06	4.39E-05	2.20E-03	2.30E-02	4.52E-03	2.97E-02	7.6E-07	2.3E-06	1.3E-06	1.4E-05	2.7E-06	2.5E-06	1.1E-06	2.5E-08	6.1E-07	1.7E-07	9.5E-07	1.2E-07	9.9E-08	0.0E+00	2.0E-06
575	UCART1	593327.59	4123399.92	593327.59, 4123399.92	3.41216	31.547	5.98274	0.57532	1.44254	4.60E-03	3.86E-02	6.59E-03	1.26E-05	8.22E-05	1.61E-06	1.05E-05	6.06E-06	3.95E-05	4.70E-03	3.86E-02	6.64E-03	4.99E-02	1.6E-06	4.9E-06	2.8E-06	2.3E-05	4.0E-06	3.6E-06	1.7E-06	5.4E-08	1.3E-06	3.6E-07	1.6E-06	1.7E-07	1.4E-07	0.0E+00	3.6E-06
576	UCART1	593367.59	4123399.92	593367.59, 4123399.92	6.70328	21.15385	7.79628	0.454	1.34565	9.04E-03	2.59E-02	8.59E-03	9.95E-06	7.67E-05	1.27E-06	9.78E-06	4.78E-06	3.69E-05	9.13E-03	2.59E-02	8.63E-03	4.36E-02	3.2E-06	9.5E-06	5.5E-06	1.6E-05	5.2E-06	4.7E-06	2.2E-06	1.1E-07	2.5E-06	7.0E-07	1.1E-06	2.2E-07	1.9E-07	0.0E+00	4.8E-06
577	UCART1	593407.59	4123399.92	593407.59, 4123399.92	11.22477	12.14982	8.58191	0.36497	1.28794	1.51E-02	1.49E-02	9.45E-03	8.00E-06	7.34E-05	1.02E-06	9.36E-06	3.85E-06	3.53E-05	1.52E-02	1.49E-02	9.49E-03	3.96E-02	5.3E-06	1.6E-05	9.2E-06	9.0E-06	5.7E-06	5.2E-06	2.4E-06	1.8E-07	4.2E-06	1.2E-06	6.1E-07	2.4E-07	2.1E-07	0.0E+00	6.7E-06
578	UCART1	593447.59	4123399.92	593447.59, 4123399.92	14.23556	6.3327	8.07663	0.29823	1.26013	1.92E-02	7.75E-03	8.90E-03	6.54E-06	7.18E-05	8.34E-07	9.16E-06	3.14E-06	3.45E-05	1.93E-02	7.76E-03	8.93E-03	3.60E-02	6.7E-06	2.0E-05	1.2E-05	4.7E-06	5.4E-06	4.9E-06	2.2E-06	2.2E-07	5.4E-06	1.5E-06	3.2E-07	2.3E-07	1.9E-07	0.0E+00	7.8E-06
579	UCART1	593487.59	4123399.92	593487.59, 4123399.92	17.34374	3.53583	6.42123	0.24665	1.27015	2.34E-02	4.33E-03	7.07E-03	5.41E-06	7.24E-05	6.89E-07	9.23E-06	2.60E-06	3.48E-05	2.35E-02	4.34E-03	7.11E-03	3.49E-02	8.1E-06	2.5E-05	1.4E-05	2.6E-06	4.3E-06	3.9E-06	1.8E-06	2.7E-07	6.6E-06	1.8E-06	1.8E-07	1.8E-07	1.5E-07	0.0E+00	9.1E-06
580	UCART1	593527.59	4123399.92	593527.59, 4123399.92	18.56227	2.08867	4.17582	0.20782	1.3442	2.50E-02	2.56E-03	4.60E-03	4.55E-06	7.66E-05	5.81E-07	9.77E-06	2.19E-06	3.68E-05	2.51E-02	2.57E-03	4.64E-03	3.23E-02	8.7E-06	2.6E-05	1.5E-05	1.6E-06	2.8E-06	2.5E-06	1.2E-06	2.9E-07	7.0E-06	1.9E-06	1.1E-07	1.2E-07	1.0E-07	0.0E+00	9.6E-06
581	UCART1	593567.59	4123399.92	593567.59, 4123399.92	16.30195	1.31355	2.48128	0.17711	1.52147	2.20E-02	1.61E-03	2.73E-03	3.88E-06	8.67E-05	4.95E-07	1.11E-05	1.87E-06	4.17E-05	2.21E-02	1.62E-03	2.78E-03	2.65E-02	7.6E-06	2.3E-05	1.3E-05	9.8E-07	1.7E-06	1.5E-06	6.9E-07	2.6E-07	6.2E-06	1.7E-06	6.6E-08	7.1E-08	6.0E-08	0.0E+00	8.3E-06
582	UCART1	593607.59	4123399.92	593607.59, 4123399.92	15.32311	0.88209	1.57346	0.15286	1.90897	2.07E-02	1.08E-03	1.73E-03	3.35E-06	1.09E-04	4.27E-07	1.39E-05	1.61E-06	5.23E-05	2.08E-02	1.09E-03	1.79E-03	2.37E-02	7.2E-06	2.2E-05	1.3E-05	6.6E-07	1.1E-06	9.8E-07	4.5E-07	2.4E-07	5.8E-06	1.6E-06	4.5E-08	4.6E-08	3.9E-08	0.0E+00	7.8E-06
583	UCART1	593647.59	4123399.92	593647.59, 4123399.92	16.36691	0.62739	1.06923	0.1334	2.87141	2.21E-02	7.68E-04	1.18E-03	2.92E-06	1.64E-04	3.73E-07	2.09E-05	1.41E-06	7.87E-05	2.22E-02	7.89E-04	1.26E-03	2.43E-02	7.7E-06	2.3E-05	1.3E-05	4.8E-07	7.6E-07	6.9E-07	3.1E-07	2.6E-07	6.2E-06	1.7E-06	3.2E-08	3.2E-08	2.7E-08	0.0E+00	8.3E-06
584	UCART1	593687.59	4123399.92	593687.59, 4123399.92	12.95152	0.4678	0.76738	0.11755	4.02776	1.75E-02	5.72E-04	8.45E-04	2.58E-06	2.30E-04	3.29E-07	2.93E-05	1.24E-06	1.10E-04	1.77E-02	6.02E-04	9.57E-04	1.93E-02	6.1E-06	1.8E-05	1.1E-05	3.6E-07	5.8E-07	5.2E-07	2.4E-07	2.0E-07	4.9E-06	1.4E-06	2.5E-08	2.5E-08	2.1E-08	0.0E+00	6.6E-06
585	UCART1	593727.59	4123399.92	593727.59, 4123399.92	8.69426	0.3625	0.5744	0.10453	3.35237	1.17E-02	4.43E-04	6.33E-04	2.29E-06	1.91E-04	2.92E-07	2.44E-05	1.10E-06	9.19E-05	1.19E-02	4.68E-04	7.26E-04	1.31E-02	4.1E-06	1.2E-05	7.2E-06	2.8E-07	4.4E-07	4.0E-07	1.8E-07	1.4E-07	3.3E-06	9.2E-07	1.9E-08	1.9E-08	1.6E-08	0.0E+00	4.4E-06
586	UCART1	593767.59	4123399.92	593767.59, 4123399.92	3.4201	0.28965	0.44474	0.09366	1.13375	4.61E-03	3.54E-04	4.90E-04	2.05E-06	6.46E-05	2.62E-07	8.24E-06	9.87E-07	3.11E-05	4.68E-03	3.63E-04	5.22E-04	5.56E-03	1.6E-06	4.9E-06	2.8E-06	2.2E-07	3.2E-07	2.9E-07	1.3E-07	5.4E-08	1.3E-06	3.6E-07	1.5E-08	1.3E-08	1.1E-08	0.0E+00	1.8E-06
587	UCART1	593807.59	4123399.92	593807.59, 4123399.92	1.78167	0.23729	0.35405	0.08452	0.61893	2.40E-03	2.90E-04	3.90E-04	1.85E-06	3.53E-05	2.36E-07	4.50E-06	8.90E-07	1.70E-05	2.44E-03	2.95E-04	4.08E-04	3.14E-03	8.4E-07	2.6E-06	1.5E-06	1.8E-07	2.5E-07	2.2E-07	1.0E-07	2.8E-08	6.8E-07	1.9E-07	1.2E-08	1.0E-08	8.9E-09	0.0E+00	9.3E-07
588	UCART1	593847.59	4123399.92	593847.59, 4123399.92	1.1014	0.19843	0.28853	0.07676	0.40873	1.49E-03	2.43E-04	3.18E-04	1.68E-06	2.33E-05	2.15E-07	2.97E-06	8.09E-07	1.12E-05	1.51E-03	2.46E-04	3.30E-04	2.09E-03	5.2E-07	1.6E-06	9.1E-07	1.5E-07	2.0E-07	1.8E-07	8.3E-08	1.7E-08	4.2E-07	1.2E-07	1.0E-08	8.5E-09	7.2E-09	0.0E+00	5.8E-07
589	UCART1	593887.59	4123399.92	593887.59, 4123399.92	0.75237	0.16878	0.23971	0.0701	0.29737	1.01E-03	2.06E-04	2.64E-04	1.54E-06	1.70E-05	1.96E-07	2.16E-06	7.39E-07	8.15E-06	1.03E-03	2.09E-04	2.73E-04	1.51E-03	3.6E-07	1.1E-06	6.3E-07	1.3E-07	1.7E-07	1.5E-07	6.8E-08	1.2E-08	2.9E-07	8.0E-08	8.6E-09	7.0E-09	5.9E-09	0.0E+00	4.0E-07
590	UCART1	593927.59	4123399.92	593927.59, 4123399.92	0.5484	0.14563	0.20246	0.06434	0.22963	7.40E-04	1.78E-04	2.23E-04	1.41E-06	1.31E-05	1.80E-07	1.67E-06	6.78E-07	6.29E-06	7.54E-04	1.80E-04	2.30E-04	1.16E-03	2.6E-07	7.9E-07	4.6E-07	1.1E-07	1.4E-07	1.3E-07	5.8E-08	8.7E-09	2.1E-07	5.8E-08	7.4E-09	5.9E-09	5.0E-09	0.0E+00	3.0E-07
591	UCART1	593967.59	4123399.92	593967.59, 4123399.92	0.41867	0.12725	0.17352	0.05936	0.18482	5.65E-04	1.56E-04	1.91E-04	1.30E-06	1.05E-05	1.66E-07	1.34E-06	6.25E-07	5.06E-06	5.76E-04	1.57E-04	1.97E-04	9.30E-04	2.0E-07	6.0E-07	3.5E-07	9.5E-08	1.2E-07	1.1E-07	4.9E-08	6.7E-09	1.6E-07	4.4E-08	6.5E-09	5.1E-09	4.3E-09	0.0E+00	2.3E-07
592	UCART1	594007.59	4123399.92	594007.59, 4123399.92	0.33098	0.11244	0.15064	0.05503	0.15338	4.46E-04	1.38E-04	1.66E-04	1.21E-06	8.74E-06	1.54E-07	1.12E-06	5.80E-07	4.20E-06	4.56E-04	1.39E-04	1.71E-04	7.66E-04	1.6E-07	4.8E-07	2.8E-07	8.4E-08	1.0E-07	9.4E-08	4.3E-08	5.3E-09	1.3E-07	3.5E-08	5.7E-09	4.4E-09	3.7E-09	0.0E+00	1.8E-07
593	UCART1	592567.59	4123439.92	592567.59, 4123439.92	0.05828	0.08905	0.07769	0.67969	0.14879	7.86E-05	1.09E-04	8.56E-05	1.49E-05	8.48E-06	1.90E-06	1.08E-06	7.16E-06	4.08E-06	1.02E-04	1.12E-04	9.68E-05	3.11E-04	3.5E-08	1.1E-07	6.2E-08	6.8E-08	5.9E-08	5.3E-08	2.4E-08	1.2E-09	2.8E-08	7.9E-09	4.6E-09	2.5E-09	2.1E-09	0.0E+00	4.7E-08
594	UCART1	592607.59	4123439.92	592607.59, 4123439.92	0.06293	0.0991	0.08552	0.96299	0.17577	8.49E-05	1.21E-04	9.42E-05	2.11E-05	1.00E-05	2.69E-06	1.28E-06	1.01E-05	4.82E-06	1.16E-04	1.25E-04	1.09E-04	3.50E-04	4.0E-08	1.2E-07	7.0E-08	7.6E-08	6.6E-08	6.0E-08	2.7E-08	1.3E-09	3.2E-08	8.9E-09	5.1E-09	2.8E-09	2.4E-09	0.0E+00	5.3E-08
595	UCART1	592647.59	4123439.92	592647.59, 4123439.92	0.0683	0.11138	0.095	1.41266	0.21165	9.21E-05	1.36E-04	1.05E-04	3.10E-05	1.21E-05	3.95E-06	1.54E-06	1.49E-05	5.80E-06	1.35E-04	1.42E-04	1.25E-04	4.02E-04	4.7E-08	1.4E-07	8.2E-08	8.6E-08	7.6E-08	6.9E-08	3.1E-08	1.6E-09	3.8E-08	1.0E-08	5.8E-09	3.2E-09	2.7E-09	0.0E+00	6.1E-08
596	UCART1	592687.59	4123439.92	592687.59, 4123439.92	0.07461	0.12649	0.10633	2.12881	0.26078	1.01E-04	1.55E-04	1.17E-04	4.67E-05	1.49E-05	5.95E-06	1.90E-06	2.24E-05	7.15E-06	1.62E-04	1.63E-04	1.47E-04	4.71E-04	5.6E-08	1.7E-07	9.8E-08	9.8E-08	8.9E-08	8.0E-08	3.7E-08	1.9E-09	4.5E-08	1.2E-08	6.7E-09	3.8E-09	3.2E-09	0.0E+00	7.3E-08
597	UCART1	592727.59	4123439.92	592727.59, 4123439.92	0.08214	0.14569	0.12037	3.26756	0.33056	1.11E-04	1.78E-04	1.33E-04	7.16E-05	1.88E-05	9.13E-06	2.40E-06	3.44E-05	9.06E-06	2.01E-04	1.90E-04	1.76E-04	5.67E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	1.1E-07	9.7E-08	4.4E-08	2.3E-09	5.6E-08	1.5E-08	7.8E-09	4.5E-09	3.8E-09	0.0E+00	9.0E-08
598	UCART1	592767.59	4123439.92	592767.59, 4123439.92	0.09096	0.17001	0.13757	5.22711	0.43502	1.23E-04	2.08E-04	1.52E-04	1.15E-04	2.48E-05	1.46E-05	3.16E-06	5.51E-05	1.19E-05	2.62E-04	2.26E-04	2.19E-04	7.06E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.3E-08	2.0E-08	9.3E-09	5.6E-09	4.8E-09	0.0E+00	1.2E-07
599	UCART1	592807.59	4123439.92	592807.59, 4123439.92	0.10144	0.20163	0.15893	9.15591	0.60519	1.37E-04	2.47E-04	1.75E-04	2.01E-04	3.45E-05	2.56E-05	4.40E-06	9.65E-05	1.66E-05	3.72E-04	2.77E-04	2.88E-04	9.37E-04	1.3E-07	3.9E-07	2.3E-07	1.7E-07	1.7E-07	1.6E-07	7.2E-08	4.3E-09	1.0E-07	2.9E-08	1.1E-08	7.4E-09	6.3E-09	0.0E+00	1.6E-07
600	UCART1	592847.59	4123439.92	592847.59, 4123439.92	0.11415	0.24194	0.18608	21.12505	0.93057	1.54E-04	2.96E-04	2.05E-04	4.63E-04	5.30E-05	5.90E-05	6.77E-06	2.23E-04	2.55E-05	6.70E-04	3.62E-04	4.53E-04	1.48E-03	2.3E-07	7.0E-07	4.1E-07	2.2E-07	2.7E-07	2.5E-07	1.1E-07	7.7E-09	1.9E-07	5.2E-08	1.5E-08	1.2E-08	9.9E-09	0.0E+00	2.8E-07
601	UCART1	592887.59	4123439.92	592887.59, 4123439.92	0.12993	0.29839	0.22181	20.67042	1.81141	1.75E-04	3.65E-04	2.44E-04	4.53E-04	1.03E-04	5.78E-05	1.32E-05	2.18E-04	4.96E-05	7.31E-04	4.36E-04	5.12E-04	1.68E-03	2.5E-07	7.6E-07	4.4E-07	2.6E-07	3.1E-07	2.8E-07	1.3E-07	8.5E-09	2.0E-07	5.6E-08	1.8E-08	1.3E-08	1.1E-08	0.0E+00	3.1E-07
602	UCART1	592927.59	4123439.92	592927.59, 4123439.92	0.14951	0.38071	0.26858	17.22196	6.38405	2.02E-04	4.66E-04	2.96E-04	3.77E-04	3.64E-04	4.81E-05	4.64E-05	1.81E-04	1.75E-04	9.43E-04	5.60E-04	6.52E-04	2.16E-03	3.3E-07	9.9E-07	5.7E-07	3.4E-07	3.9E-07	3.6E-07	1.6E-07	1.1E-08	2.6E-07	7.3E-08	2.3E-08	1.7E-08	1.4E-08	0.0E+00	4.0E-07
603	UCART1	592967.59	4123439.92	592967.59, 4123439.92	0.17475	0.49958	0.33125	10.04332	10.02744	2.36E-04	6.11E-04	3.65E-04	2.20E-04	5.72E-04	2.81E-05	7.29E-05	1.06E-04	2.75E-04	1.03E-03	7.12E-04	7.45E-04	2.48E-03	3.6E-07	1.1E-06	6.2E-07	4.3E-07	4.5E-07	4.1E-07	1.9E-07	1.2E-08	2.9E-07	7.9E-08	2.9E-08	1.9E-08	1.6E-08	0.0E+00	4.4E-07
604	UCART1	593007.59	4123439.92	593007.59, 4123439.92	0.20786	0.67444	0.41707	6.54518	11.20655	2.80E-04	8.25E-04	4.59E-04	1.43E-04	6.39E-04	1.83E-05	8.15E-05	6.90E-05	3.07E-04	1.06E-03	9.25E-04	8.35E-04	2.82E-03	3.7E-07	1.1E-06	6.4E-07	5.6E-07	5.1E-07	4.6E-07	2.1E-07	1.2E-08	3.0E-07	8.2E-08	3.8E-08	2.1E-08	1.8E-08	0.0E+00	4.7E-07
605	UCART1	593047.59	4123439.92	593047.59, 4123439.92	0.2526	0.93919	0.5372	4.51393	15.09071	3.41E-04	1.15E-03	5.92E-04	9.89E-05	8.60E-04	1.26E-05	1.10E-04	4.76E-05	4.14E-04	1.30E-03	1.27E-03	1.05E-03	3.62E-03	4.5E-07	1.4E-06	7.9E-07	7.7E-07	6.4E-07	5.8E-07	2.6E-07	1.5E-08	3.6E-07	1.0E-07	5.2E-08	2.7E-08	2.3E-08	0.0E+00	5.8E-07
606	UCART1	593087.59	4123439.92	593087.59, 4123439.92	0.31494	1.34452	0.70829	3.16603	13.6012	4.25E-04	1.64E-03	7.80E-04	6.94E-05	7.75E-04	8.85E-06	9.89E-05	3.34E-05	3.73E-04	1.27E-03	1.75E-03	1.19E-03	4.21E-03	4.4E-07	1.3E-06	7.7E-07	1.1E-06	7.2E-07	6.5E-07	3.0E-07	1.5E-08	3.5E-07	9.8E-08	7.2E-08	3.0E-08	2.6E-08	0.0E+00	6.0E-07
607	UCART1	593127.59	4123439.92	593127.59, 4123439.92	0.40514	1.97264	0.95388	2.21822	4.3117	5.46E-04	2.41E-03	1.05E-03	4.86E-05	2.46E-04	6.20E-06	3.13E-05	2.34E-05	1.18E-04	8.41E-04	2.45E-03	1.19E-03	4.48E-03	2.9E-07	8.8E-07	5.1E-07	1.5E-06	7.2E-07	6.5E-07	3.0E-07	9.7E-09	2.3E-07	6.5E-08	1.0E-07	3.1E-08	2.6E-08	0.0E+00	4.7E-07
608	UCART1	593167.59	4123439.92	593167.59, 4123439.92	0.5499	3.02559	1.30274	1.57062	2.29852	7.42E-04	3.70E-03	1.43E-03	3.44E-05	1.31E-04	4.39E-06	1.67E-05	1.65E-05	6.30E-05	9.07E-04	3.72E-03	1.51E-03	6.14E-03	3.1E-07	9.5E-07	5.5E-07	2.3E-06	9.2E-07	8.3E-07	3.8E-07	1.0E-08	2.5E-07	7.0E-08	1.5E-07	3.9E-08	3.3E-08	0.0E+00	5.6E-07
609	UCART1	593207.59	4123439.92	593207.59, 4123439.92	0.78744	4.8782	1.78566	1.12468	1.6122	1.06E-03	5.97E-03	1.97E-03	2.46E-05	9.19E-05	3.14E-06	1.17E-05	1.18E-05	4.42E-05	1.18E-03	5.98E-03	2.02E-03	9.18E-03	4.1E-07	1.2E-06	7.1E-07	3.6E-06	1.2E-06	1.1E-06	5.1E-07	1.4E-08	3.3E-07	9.1E-08	2.5E-07	5.2E-08	4.4E-08	0.0E+00	7.8E-07
610	UCART1	593247.59	4123439.92	593247.59, 4123439.92	1.22031	9.17991	2.40384	0.8221	1.30428	1.65E-03	1.12E-02	2.65E-03	1.80E-05	7.43E-05	2.30E-06	9.48E-06	8.66E-06	3.57E-05	1.74E-03	1.12E-02	2.69E-03	1.57E-02	6.0E-07	1.8E-06	1.1E-06	6.8E-06	1.6E-06	1.5E-06	6.7E-07	2.0E-08	4.9E-07	1.3E-07	4.6E-07	6.9E-08	5.9E-08	0.0E+00	1.2E-06
611	UCART1	593287.59	4123439.92	593287.59, 4123439.92	2.11251	22.05899	3.09461	0.61626	1.14203	2.85E-03	2.70E-02	3.41E-03	1.35E-05	6.51E-05	1.72E-06	8.30E-06	6.49E-06	3.13E-05	2.93E-03	2.70E-02	3.45E-03	3.34E-02	1.0E-06	3.1E-06	1.8E-06	1.6E-05	2.1E-06	1.9E-06	8.6E-07	3.4E-08	8.2E-07	2.3E-07	1.1E-06	8.8E-08	7.5E-08	0.0E+00	2.3E-06
612	UCART1	593327.59	4123439.92	593327.59, 4123439.92	4.43099	28.60641	3.72849	0.47434	1.04811	5.98E-03	3.50E-02	4.11E-03	1.04E-05	5.97E-05	1.33E-06	7.62E-06	5.00E-06	2.87E-05	6.05E-03	3.50E-02	4.14E-03	4.52E-02	2.1E-06	6.3E-06	3.7E-06	2.1E-05	2.5E-06	2.3E-06	1.0E-06	7.0E-08	1.7E-06	4.7E-07	1.4E-06	1.1E-07	9.0E-08	0.0E+00	3.9E-06
613	UCART1	593367.59	4123439.92	593367.59, 4123439.92	8.03434	19.10576	4.09585	0.37364	0.98973	1.08E-02	2.34E-02	4.51E-03	8.19E-06	5.64E-05	1.04E-06	7.20E-06	3.94E-06	2.71E-05	1.09E-02	2.34E-02	4.54E-03	3.88E-02	3.8E-06	1.1E-05	6.6E-06	1.4E-05	2.7E-06	2.5E-06	1.1E-06	1.3E-07	3.0E-06	8.4E-07	9.6E-07	1.2E-07	9.9E-08	0.0E+00	5.2E-06
614	UCART1	593407.59	4123439.92	593407.59, 4123439.92	13.24931	10.18896	4.02606	0.30097	0.95643	1.79E-02	1.25E-02	4.43E-03	6.60E-06	5.45E-05	8.41E-07	6.95E-06	3.17E-06	2.62E-05	1.79E-02	1.25E-02	4.46E-03	3.49E-02	6.2E-06	1.9E-05	1.1E-05	7.5E-06	2.7E-06	2.4E-06	1.1E-06	2.1E-07	5.0E-06	1.4E-06	5.1E-07	1.1E-07	9.7E-08	0.0E+00	7.3E-06
615	UCART1	593447.59	4123439.92	593447.59, 4123439.92	15.56575	4.44364	3.56924	0.24749	0.94782	2.10E-02	5.44E-03	3.93E-03	5.42E-06	5.40E-05	6.92E-07	6.89E-06	2.61E-06	2.60E-05	2.11E-02	5.44E-03	3.96E-03	3.05E-02	7.3E-06	2.2E-05	1.3E-05	3.3E-06	2.4E-06	2.2E-06	9.9E-07	2.4E-07	5.9E-06	1.6E-06	2.2E-07	1.0E-07	8.6E-08	0.0E+00	8.2E-06
616	UCART1	593487.59	4123439.92	593487.59, 4123439.92	16.10751	2.29006	2.88582	0.2073	0.96902	2.17E-02	2.80E-03	3.18E-03	4.54E-06	5.52E-05	5.79E-07	7.05E-06	2.18E-06	2.66E-05	2.18E-02	2.81E-03	3.21E-03	2.78E-02	7.5E-06	2.3E-05	1.3E-05	1.7E-06	1.9E-06	1.8E-06	8.0E-07	2.5E-07	6.1E-06	1.7E-06	1.2E-07	8.2E-08	7.0E-08	0.0E+00	8.3E-06
617	UCART1	593527.59	4123439.92	593527.59, 4123439.92	15.41321	1.36825	2.1259	0.17662	1.02911	2.08E-02	1.67E-03	2.34E-03	3.87E-06	5.87E-05	4.94E-07	7.48E-06	1.86E-06	2.82E-05	2.08E-02	1.68E-03	2.37E-03	2.49E-02	7.2E-06	2.2E-05	1.3E-05	1.0E-06	1.4E-06	1.3E-06	5.9E-07	2.4E-07	5.8E-06	1.6E-06	6.9E-08	6.1E-08	5.2E-08	0.0E+00	7.8E-06
618	UCART1	593567.59	4123439.92	593567.59, 4123439.92	14.70095	0.90593	1.50254	0.15214	1.14409	1.98E-02	1.11E-03	1.66E-03	3.33E-06	6.52E-05	4.25E-07	8.32E-06	1.60E-06	3.14E-05	1.99E-02	1.12E-03	1.69E-03	2.27E-02	6.9E-06	2.1E-05	1.2E-05	6.8E-07	1.0E-06	9.3E-07	4.2E-07	2.3E-07	5.6E-06	1.5E-06	4.6E-08	4.3E-08	3.7E-08	0.0E+00	7.4E-06
619	UCART1	593607.59	4123439.92	593607.59, 4123439.92	12.50675	0.64326	1.07998	0.13269	1.3424	1.69E-02	7.87E-04	1.19E-03	2.91E-06	7.65E-05	3.71E-07	9.76E-06	1.40E-06	3.68E-05	1.69E-02	7.97E-04	1.23E-03	1.90E-02	5.9E-06	1.8E-05	1.0E-05	4.8E-07	7.4E-07	6.7E-07	3.1E-07	2.0E-07	4.7E-06	1.3E-06	3.3E-08	3.2E-08	2.7E-08	0.0E+00	6.3E-06
620	UCART1	593647.59	4123439.92	593647.59, 4123439.92	11.0327	0.47985	0.79529	0.11686	1.60477	1.49E-02	5.87E-04	8.76E-04	2.56E-06	9.15E-05	3.27E-07	1.17E-05	1.23E-06	4.40E-05	1.50E-02	5.99E-04	9.21E-04	1.65E-02	5.2E-06	1.6E-05	9.1E-06	3.6E-07	5.6E-07	5.1E-07	2.3E-07	1.7E-07	4.2E-06	1.2E-06	2.5E-08	2.4E-08	2.0E-08	0.0E+00	5.6E-06
621	UCART1	593687.59	4123439.92	593687.59, 4123439.92	7.11668	0.37188	0.60316	0.10385	1.57868	9.60E-03	4.55E-04	6.64E-04	2.28E-06	9.00E-05	2.90E-07	1.15E-05	1.09E-06	4.33E-05	9.69E-03	4.67E-04	7.09E-04	1.09E-02	3.4E-06	1.0E-05	5.9E-06	2.8E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-07	2.7E-06	7.5E-07	1.9E-08	1.8E-08	1.5E-08	0.0E+00	3.6E-06
622	UCART1	593727.59	4123439.92	593727.59, 4123439.92	3.37705	0.29698	0.46917	0.09304	0.98389	4.55E-03	3.63E-04	5.17E-04	2.04E-06	5.61E-05	2.60E-07	7.15E-06	9.80E-07	2.70E-05	4.61E-03	3.71E-04	5.45E-04	5.53E-03	1.6E-06	4.8E-06	2.8E-06	2.2E-07	3.3E-07	3.0E-07	1.4E-07	5.3E-08	1.3E-06	3.6E-07	1.5E-08	1.4E-08	1.2E-08	0.0E+00	1.7E-06
623	UCART1	593767.59	4123439.92	593767.59, 4123439.92	1.70007	0.24308	0.37342	0.08395	0.60146	2.29E-03	2.97E-04	4.11E-04	1.84E-06	3.43E-05	2.35E-07	4.37E-06	8.84E-07	1.65E-05	2.33E-03	3.02E-04	4.29E-04	3.06E-03	8.1E-07	2.4E-06	1.4E-06	1.8E-07	2.6E-07	2.4E-07	1.1E-07	2.7E-08	6.5E-07	1.8E-07	1.2E-08	1.1E-08	9.3E-09	0.0E+00	8.9E-07
624	UCART1	593807.59	4123439.92	593807.59, 4123439.92	1.05793	0.20315	0.30355	0.07626	0.4113	1.43E-03	2.49E-04	3.34E-04	1.67E-06	2.34E-05	2.13E-07	2.99E-06	8.03E-07	1.13E-05	1.45E-03	2.52E-04	3.46E-04	2.05E-03	5.0E-07	1.5E-06	8.8E-07	1.5E-07	2.1E-07	1.9E-07	8.7E-08	1.7E-08	4.1E-07	1.1E-07	1.0E-08	8.9E-09	7.5E-09	0.0E+00	5.6E-07
625	UCART1	593847.59	4123439.92	593847.59, 4123439.92	0.73109	0.1728	0.25154	0.06973	0.3049	9.86E-04	2.11E-04	2.77E-04	1.53E-06	1.74E-05	1.95E-07	2.22E-06	7.35E-07	8.36E-06	1.00E-03	2.14E-04	2.86E-04	1.50E-03	3.5E-07	1.1E-06	6.1E-07	1.3E-07	1.7E-07	1.6E-07	7.2E-08	1.2E-08	2.8E-07	7.7E-08	8.8E-09	7.3E-09	6.2E-09	0.0E+00	3.9E-07
626	UCART1	593887.59	4123439.92	593887.59, 4123439.92	0.5382	0.1492	0.21196	0.06412	0.23797	7.26E-04	1.83E-04	2.33E-04	1.41E-06	1.36E-05	1.79E-07	1.73E-06	6.76E-07	6.52E-06	7.41E-04	1.84E-04	2.41E-04	1.17E-03	2.6E-07	7.7E-07	4.5E-07	1.1E-07	1.5E-07	1.3E-07	6.0E-08	8.6E-09	2.1E-07	5.7E-08	7.6E-09	6.2E-09	5.2E-09	0.0E+00	2.9E-07
627	UCART1	593927.59	4123439.92	593927.59, 4123439.92	0.41387	0.13046	0.18123	0.05927	0.19247	5.58E-04	1.60E-04	2.00E-04	1.30E-06	1.10E-05	1.66E-07	1.40E-06	6.24E-07	5.27E-06	5.70E-04	1.61E-04	2.06E-04	9.37E-04	2.0E-07	6.0E-07	3.5E-07	9.8E-08	1.2E-07	1.1E-07	5.1E-08	6.6E-09	1.6E-07	4.4E-08	6.6E-09	5.3E-09	4.5E-09	0.0E+00	2.3E-07
628	UCART1	593967.59	4123439.92	593967.59, 4123439.92	0.3287	0.11529	0.15687	0.05502	0.15983	4.43E-04	1.41E-04	1.73E-04	1.21E-06	9.11E-06	1.54E-07	1.16E-06	5.80E-07	4.38E-06	4.54E-04	1.42E-04	1.78E-04	7.74E-04	1.6E-07	4.7E-07	2.7E-07	8.6E-08	1.1E-07	9.7E-08	4.4E-08	5.2E-09	1.3E-07	3.5E-08	5.8E-09	4.6E-09	3.9E-09	0.0E+00	1.8E-07
629	UCART1	594007.59	4123439.92	594007.59, 4123439.92	0.26786	0.10285	0.13729	0.05129	0.13557	3.61E-04	1.26E-04	1.51E-04	1.12E-06	7.73E-06	1.43E-07	9.86E-07	5.40E-07	3.72E-06	3.70E-04	1.27E-04	1.55E-04	6.53E-04	1.3E-07	3.9E-07	2.2E-07	7.7E-08	9.4E-08	8.5E-08	3.9E-08	4.3E-09	1.0E-07	2.9E-08	5.2E-09	4.0E-09	3.4E-09	0.0E+00	1.5E-07
630	UCART1	592567.59	4123479.92	592567.59, 4123479.92	0.0616	0.09627	0.08442	0.77841	0.16848	8.31E-05	1.18E-04	9.30E-05	1.71E-05	9.60E-06	2.18E-06	1.22E-06	8.20E-06	4.62E-06	1.10E-04	1.21E-04	1.06E-04	3.37E-04	3.8E-08	1.1E-07	6.6E-08	7.3E-08	6.4E-08	5.8E-08	2.6E-08	1.3E-09	3.1E-08	8.5E-09	5.0E-09	2.7E-09	2.3E-09	0.0E+00	5.0E-08
631	UCART1	592607.59	4123479.92	592607.59, 4123479.92	0.06678	0.10791	0.09372	1.06252	0.20093	9.01E-05	1.32E-04	1.03E-04	2.33E-05	1.15E-05	2.97E-06	1.46E-06	1.12E-05	5.51E-06	1.25E-04	1.36E-04	1.20E-04	3.81E-04	4.3E-08	1.3E-07	7.6E-08	8.3E-08	7.3E-08	6.6E-08	3.0E-08	1.4E-09	3.5E-08	9.6E-09	5.6E-09	3.1E-09	2.6E-09	0.0E+00	5.7E-08
632	UCART1	592647.59	4123479.92	592647.59, 4123479.92	0.07295	0.12265	0.10496	1.46687	0.24446	9.84E-05	1.50E-04	1.16E-04	3.21E-05	1.39E-05	4.10E-06	1.78E-06	1.55E-05	6.70E-06	1.44E-04	1.56E-04	1.38E-04	4.38E-04	5.0E-08	1.5E-07	8.7E-08	9.4E-08	8.3E-08	7.6E-08	3.4E-08	1.7E-09	4.0E-08	1.1E-08	6.4E-09	3.5E-09	3.0E-09	0.0E+00	6.6E-08
633	UCART1	592687.59	4123479.92	592687.59, 4123479.92	0.08016	0.14117	0.11859	2.0453	0.30471	1.08E-04	1.73E-04	1.31E-04	4.48E-05	1.74E-05	5.72E-06	2.22E-06	2.15E-05	8.35E-06	1.70E-04	1.81E-04	1.61E-04	5.11E-04	5.9E-08	1.8E-07	1.0E-07	1.1E-07	9.7E-08	8.8E-08	4.0E-08	2.0E-09	4.8E-08	1.3E-08	7.4E-09	4.1E-09	3.5E-09	0.0E+00	7.8E-08
634	UCART1	592727.59	4123479.92	592727.59, 4123479.92	0.08871	0.16477	0.13537	2.89833	0.39209	1.20E-04	2.02E-04	1.49E-04	6.35E-05	2.23E-05	8.10E-06	2.85E-06	3.05E-05	1.07E-05	2.05E-04	2.13E-04	1.90E-04	6.08E-04	7.1E-08	2.1E-07	1.2E-07	1.3E-07	1.2E-07	1.0E-07	4.8E-08	2.4E-09	5.7E-08	1.6E-08	8.7E-09	4.9E-09	4.1E-09	0.0E+00	9.3E-08
635	UCART1	592767.59	4123479.92	592767.59, 4123479.92	0.09889	0.1953	0.15612	4.25186	0.5284	1.33E-04	2.39E-04	1.72E-04	9.32E-05	3.01E-05	1.19E-05	3.84E-06	4.48E-05	1.45E-05	2.57E-04	2.55E-04	2.31E-04	7.43E-04	8.9E-08	2.7E-07	1.6E-07	1.5E-07	1.4E-07	1.3E-07	5.8E-08	3.0E-09	7.2E-08	2.0E-08	1.0E-08	5.9E-09	5.0E-09	0.0E+00	1.2E-07
636	UCART1	592807.59	4123479.92	592807.59, 4123479.92	0.11126	0.2356	0.18224	6.64557	0.76872	1.50E-04	2.88E-04	2.01E-04	1.46E-04	4.38E-05	1.86E-05	5.59E-06	7.00E-05	2.11E-05	3.39E-04	3.12E-04	2.92E-04	9.44E-04	1.2E-07	3.5E-07	2.1E-07	1.9E-07	1.8E-07	1.6E-07	7.3E-08	3.9E-09	9.5E-08	2.6E-08	1.3E-08	7.5E-09	6.4E-09	0.0E+00	1.5E-07
637	UCART1	592847.59	4123479.92	592847.59, 4123479.92	0.12599	0.28792	0.21496	12.31849	1.31054	1.70E-04	3.52E-04	2.37E-04	2.70E-04	7.47E-05	3.44E-05	9.53E-06	1.30E-04	3.59E-05	5.15E-04	3.96E-04	4.02E-04	1.31E-03	1.8E-07	5.4E-07	3.1E-07	2.4E-07	2.4E-07	2.2E-07	1.0E-07	5.9E-09	1.4E-07	4.0E-08	1.6E-08	1.0E-08	8.8E-09	0.0E+00	2.2E-07
638	UCART1	592887.59	4123479.92	592887.59, 4123479.92	0.14492	0.35855	0.25862	12.3435	3.09075	1.95E-04	4.39E-04	2.85E-04	2.71E-04	1.76E-04	3.45E-05	2.25E-05	1.30E-04	8.47E-05	6.42E-04	4.96E-04	5.00E-04	1.64E-03	2.2E-07	6.7E-07	3.9E-07	3.0E-07	3.0E-07	2.7E-07	1.3E-07	7.4E-09	1.8E-07	4.9E-08	2.0E-08	1.3E-08	1.1E-08	0.0E+00	2.8E-07
639	UCART1	592927.59	4123479.92	592927.59, 4123479.92	0.16879	0.45848	0.31401	26.01658	6.43465	2.28E-04	5.61E-04	3.46E-04	5.70E-04	3.67E-04	7.27E-05	4.68E-05	2.74E-04	1.76E-04	1.16E-03	6.80E-04	7.96E-04	2.64E-03	4.0E-07	1.2E-06	7.0E-07	4.1E-07	4.8E-07	4.4E-07	2.0E-07	1.3E-08	3.3E-07	9.0E-08	2.8E-08	2.0E-08	1.7E-08	0.0E+00	4.9E-07
640	UCART1	592967.59	4123479.92	592967.59, 4123479.92	0.19982	0.59811	0.38773	13.39854	7.74048	2.69E-04	7.32E-04	4.27E-04	2.94E-04	4.41E-04	3.75E-05	5.63E-05	1.41E-04	2.12E-04	1.00E-03	8.25E-04	7.80E-04	2.61E-03	3.5E-07	1.0E-06	6.1E-07	5.0E-07	4.7E-07	4.3E-07	2.0E-07	1.2E-08	2.8E-07	7.7E-08	3.4E-08	2.0E-08	1.7E-08	0.0E+00	4.4E-07
641	UCART1	593007.59	4123479.92	593007.59, 4123479.92	0.24137	0.79699	0.48473	7.85847	7.85872	3.26E-04	9.75E-04	5.34E-04	1.72E-04	4.48E-04	2.20E-05	5.71E-05	8.28E-05	2.15E-04	9.46E-04	1.05E-03	8.32E-04	2.83E-03	3.3E-07	9.9E-07	5.7E-07	6.4E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	2.6E-07	7.3E-08	4.3E-08	2.1E-08	1.8E-08	0.0E+00	4.3E-07
642	UCART1	593047.59	4123479.92	593047.59, 4123479.92	0.2983	1.08163	0.61441	4.89896	7.92763	4.02E-04	1.32E-03	6.77E-04	1.07E-04	4.52E-04	1.37E-05	5.76E-05	5.16E-05	2.17E-04	9.62E-04	1.39E-03	9.46E-04	3.30E-03	3.3E-07	1.0E-06	5.8E-07	8.4E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	2.7E-07	7.4E-08	5.7E-08	2.4E-08	2.1E-08	0.0E+00	4.6E-07
643	UCART1	593087.59	4123479.92	593087.59, 4123479.92	0.37908	1.49207	0.7844	3.07922	3.53819	5.11E-04	1.83E-03	8.64E-04	6.75E-05	2.02E-04	8.61E-06	2.57E-05	3.24E-05	9.70E-05	7.80E-04	1.86E-03	9.93E-04	3.63E-03	2.7E-07	8.2E-07	4.7E-07	1.1E-06	6.0E-07	5.4E-07	2.5E-07	9.0E-09	2.2E-07	6.0E-08	7.6E-08	2.6E-08	2.2E-08	0.0E+00	4.1E-07
644	UCART1	593127.59	4123479.92	593127.59, 4123479.92	0.49923	2.09348	1.00212	1.96468	1.95514	6.73E-04	2.56E-03	1.10E-03	4.31E-05	1.11E-04	5.49E-06	1.42E-05	2.07E-05	5.36E-05	8.28E-04	2.58E-03	1.18E-03	4.59E-03	2.9E-07	8.7E-07	5.0E-07	1.6E-06	7.1E-07	6.5E-07	2.9E-07	9.6E-09	2.3E-07	6.4E-08	1.1E-07	3.0E-08	2.6E-08	0.0E+00	4.7E-07
645	UCART1	593167.59	4123479.92	593167.59, 4123479.92	0.6833	3.00908	1.27531	1.29719	1.37066	9.21E-04	3.68E-03	1.40E-03	2.84E-05	7.81E-05	3.63E-06	9.97E-06	1.37E-05	3.76E-05	1.03E-03	3.69E-03	1.46E-03	6.18E-03	3.6E-07	1.1E-06	6.2E-07	2.2E-06	8.8E-07	8.0E-07	3.6E-07	1.2E-08	2.9E-07	7.9E-08	1.5E-07	3.7E-08	3.2E-08	0.0E+00	6.0E-07
646	UCART1	593207.59	4123479.92	593207.59, 4123479.92	0.98293	4.5964	1.59062	0.89776	1.09661	1.33E-03	5.62E-03	1.75E-03	1.97E-05	6.25E-05	2.51E-06	7.97E-06	9.46E-06	3.01E-05	1.41E-03	5.63E-03	1.79E-03	8.83E-03	4.9E-07	1.5E-06	8.5E-07	3.4E-06	1.1E-06	9.8E-07	4.5E-07	1.6E-08	3.9E-07	1.1E-07	2.3E-07	4.6E-08	3.9E-08	0.0E+00	8.3E-07
647	UCART1	593247.59	4123479.92	593247.59, 4123479.92	1.49908	8.24447	1.91129	0.64829	0.94775	2.02E-03	1.01E-02	2.11E-03	1.42E-05	5.40E-05	1.81E-06	6.89E-06	6.83E-06	2.60E-05	2.09E-03	1.01E-02	2.14E-03	1.43E-02	7.2E-07	2.2E-06	1.3E-06	6.1E-06	1.3E-06	1.2E-06	5.4E-07	2.4E-08	5.8E-07	1.6E-07	4.1E-07	5.5E-08	4.7E-08	0.0E+00	1.3E-06
648	UCART1	593287.59	4123479.92	593287.59, 4123479.92	2.48531	16.77926	2.18253	0.48659	0.85866	3.35E-03	2.05E-02	2.40E-03	1.07E-05	4.89E-05	1.36E-06	6.24E-06	5.13E-06	2.35E-05	3.41E-03	2.05E-02	2.43E-03	2.64E-02	1.2E-06	3.6E-06	2.1E-06	1.2E-05	1.5E-06	1.3E-06	6.1E-07	3.9E-08	9.5E-07	2.6E-07	8.4E-07	6.2E-08	5.3E-08	0.0E+00	2.2E-06
649	UCART1	593327.59	4123479.92	593327.59, 4123479.92	4.92433	18.31545	2.36047	0.37786	0.80291	6.64E-03	2.24E-02	2.60E-03	8.28E-06	4.58E-05	1.06E-06	5.84E-06	3.98E-06	2.20E-05	6.69E-03	2.24E-02	2.63E-03	3.17E-02	2.3E-06	7.0E-06	4.1E-06	1.4E-05	1.6E-06	1.4E-06	6.6E-07	7.7E-08	1.9E-06	5.2E-07	9.2E-07	6.7E-08	5.7E-08	0.0E+00	3.5E-06
650	UCART1	593367.59	4123479.92	593367.59, 4123479.92	7.92316	12.44256	2.41173	0.30262	0.76981	1.07E-02	1.52E-02	2.66E-03	6.63E-06	4.39E-05	8.46E-07	5.60E-06	3.19E-06	2.11E-05	1.07E-02	1.52E-02	2.68E-03	2.86E-02	3.7E-06	1.1E-05	6.5E-06	9.2E-06	1.6E-06	1.5E-06	6.7E-07	1.2E-07	3.0E-06	8.3E-07	6.3E-07	6.9E-08	5.8E-08	0.0E+00	4.7E-06
651	UCART1	593407.59	4123479.92	593407.59, 4123479.92	11.32292	5.23671	2.28326	0.24843	0.75244	1.53E-02	6.41E-03	2.51E-03	5.44E-06	4.29E-05	6.94E-07	5.47E-06	2.62E-06	2.06E-05	1.53E-02	6.41E-03	2.54E-03	2.43E-02	5.3E-06	1.6E-05	9.3E-06	3.9E-06	1.5E-06	1.4E-06	6.4E-07	1.8E-07	4.3E-06	1.2E-06	2.6E-07	6.5E-08	5.5E-08	0.0E+00	6.0E-06
652	UCART1	593447.59	4123479.92	593447.59, 4123479.92	10.14866	2.33696	2.00254	0.20756	0.74853	1.37E-02	2.86E-03	2.21E-03	4.55E-06	4.27E-05	5.80E-07	5.44E-06	2.19E-06	2.05E-05	1.37E-02	2.87E-03	2.23E-03	1.88E-02	4.8E-06	1.4E-05	8.3E-06	1.7E-06	1.3E-06	1.2E-06	5.6E-07	1.6E-07	3.8E-06	1.1E-06	1.2E-07	5.7E-08	4.9E-08	0.0E+00	5.3E-06
653	UCART1	593487.59	4123479.92	593487.59, 4123479.92	8.89533	1.37534	1.64604	0.17606	0.75898	1.20E-02	1.68E-03	1.81E-03	3.86E-06	4.33E-05	4.92E-07	5.52E-06	1.85E-06	2.08E-05	1.20E-02	1.69E-03	1.84E-03	1.56E-02	4.2E-06	1.3E-05	7.3E-06	1.0E-06	1.1E-06	1.0E-06	4.6E-07	1.4E-07	3.4E-06	9.3E-07	6.9E-08	4.7E-08	4.0E-08	0.0E+00	4.6E-06
654	UCART1	593527.59	4123479.92	593527.59, 4123479.92	8.2804	0.92191	1.28682	0.15146	0.78447	1.12E-02	1.13E-03	1.42E-03	3.32E-06	4.47E-05	4.23E-07	5.70E-06	1.60E-06	2.15E-05	1.12E-02	1.13E-03	1.44E-03	1.38E-02	3.9E-06	1.2E-05	6.8E-06	6.9E-07	8.7E-07	7.9E-07	3.6E-07	1.3E-07	3.1E-06	8.6E-07	4.7E-08	3.7E-08	3.1E-08	0.0E+00	4.2E-06
655	UCART1	593567.59	4123479.92	593567.59, 4123479.92	7.28014	0.66496	0.98863	0.13194	0.81979	9.82E-03	8.13E-04	1.09E-03	2.89E-06	4.67E-05	3.69E-07	5.96E-06	1.39E-06	2.25E-05	9.87E-03	8.20E-04	1.11E-03	1.18E-02	3.4E-06	1.0E-05	6.0E-06	5.0E-07	6.7E-07	6.1E-07	2.8E-07	1.1E-07	2.8E-06	7.6E-07	3.4E-08	2.9E-08	2.4E-08	0.0E+00	3.7E-06
656	UCART1	593607.59	4123479.92	593607.59, 4123479.92	5.77717	0.50235	0.76659	0.11616	0.84266	7.79E-03	6.15E-04	8.44E-04	2.55E-06	4.80E-05	3.25E-07	6.13E-06	1.22E-06	2.31E-05	7.84E-03	6.21E-04	8.69E-04	9.33E-03	2.7E-06	8.2E-06	4.7E-06	3.8E-07	5.3E-07	4.8E-07	2.2E-07	9.1E-08	2.2E-06	6.0E-07	2.6E-08	2.2E-08	1.9E-08	0.0E+00	3.0E-06
657	UCART1	593647.59	4123479.92	593647.59, 4123479.92	4.24097	0.39226	0.60191	0.10328	0.81054	5.72E-03	4.80E-04	6.63E-04	2.26E-06	4.62E-05	2.89E-07	5.89E-06	1.09E-06	2.22E-05	5.77E-03	4.86E-04	6.86E-04	6.94E-03	2.0E-06	6.0E-06	3.5E-06	2.9E-07	4.2E-07	3.8E-07	1.7E-07	6.7E-08	1.6E-06	4.4E-07	2.0E-08	1.8E-08	1.5E-08	0.0E+00	2.2E-06
658	UCART1	593687.59	4123479.92	593687.59, 4123479.92	2.72288	0.31436	0.48015	0.09263	0.70254	3.67E-03	3.85E-04	5.29E-04	2.03E-06	4.00E-05	2.59E-07	5.11E-06	9.76E-07	1.93E-05	3.71E-03	3.90E-04	5.49E-04	4.65E-03	1.3E-06	3.9E-06	2.2E-06	2.4E-07	3.3E-07	3.0E-07	1.4E-07	4.3E-08	1.0E-06	2.9E-07	1.6E-08	1.4E-08	1.2E-08	0.0E+00	1.4E-06
659	UCART1	593727.59	4123479.92	593727.59, 4123479.92	1.63852	0.25735	0.38924	0.08372	0.53495	2.21E-03	3.15E-04	4.29E-04	1.83E-06	3.05E-05	2.34E-07	3.89E-06	8.82E-07	1.47E-05	2.24E-03	3.19E-04	4.44E-04	3.01E-03	7.8E-07	2.3E-06	1.4E-06	1.9E-07	2.7E-07	2.4E-07	1.1E-07	2.6E-08	6.3E-07	1.7E-07	1.3E-08	1.1E-08	9.7E-09	0.0E+00	8.6E-07
660	UCART1	593767.59	4123479.92	593767.59, 4123479.92	1.06334	0.21469	0.32043	0.07621	0.40269	1.43E-03	2.63E-04	3.53E-04	1.67E-06	2.30E-05	2.13E-07	2.93E-06	8.03E-07	1.10E-05	1.46E-03	2.66E-04	3.65E-04	2.09E-03	5.0E-07	1.5E-06	8.8E-07	1.6E-07	2.2E-07	2.0E-07	9.1E-08	1.7E-08	4.1E-07	1.1E-07	1.1E-08	9.4E-09	7.9E-09	0.0E+00	5.6E-07
661	UCART1	593807.59	4123479.92	593807.59, 4123479.92	0.74363	0.18203	0.26723	0.06978	0.31033	1.00E-03	2.23E-04	2.94E-04	1.53E-06	1.77E-05	1.95E-07	2.26E-06	7.35E-07	8.50E-06	1.02E-03	2.25E-04	3.04E-04	1.55E-03	3.5E-07	1.1E-06	6.2E-07	1.4E-07	1.8E-07	1.7E-07	7.6E-08	1.2E-08	2.9E-07	7.9E-08	9.2E-09	7.8E-09	6.6E-09	0.0E+00	4.0E-07
662	UCART1	593847.59	4123479.92	593847.59, 4123479.92	0.54897	0.15644	0.22526	0.06422	0.24594	7.40E-04	1.91E-04	2.48E-04	1.41E-06	1.40E-05	1.80E-07	1.79E-06	6.77E-07	6.74E-06	7.56E-04	1.93E-04	2.56E-04	1.20E-03	2.6E-07	7.9E-07	4.6E-07	1.2E-07	1.5E-07	1.4E-07	6.4E-08	8.7E-09	2.1E-07	5.8E-08	7.9E-09	6.6E-09	5.6E-09	0.0E+00	3.0E-07
663	UCART1	593887.59	4123479.92	593887.59, 4123479.92	0.42233	0.13611	0.19203	0.05938	0.20046	5.70E-04	1.67E-04	2.12E-04	1.30E-06	1.14E-05	1.66E-07	1.46E-06	6.26E-07	5.49E-06	5.82E-04	1.68E-04	2.18E-04	9.68E-04	2.0E-07	6.1E-07	3.5E-07	1.0E-07	1.3E-07	1.2E-07	5.4E-08	6.7E-09	1.6E-07	4.5E-08	6.9E-09	5.6E-09	4.7E-09	0.0E+00	2.3E-07
664	UCART1	593927.59	4123479.92	593927.59, 4123479.92	0.33538	0.11974	0.16556	0.05515	0.16713	4.52E-04	1.46E-04	1.82E-04	1.21E-06	9.53E-06	1.54E-07	1.22E-06	5.81E-07	4.58E-06	4.63E-04	1.48E-04	1.88E-04	7.98E-04	1.6E-07	4.8E-07	2.8E-07	8.9E-08	1.1E-07	1.0E-07	4.7E-08	5.4E-09	1.3E-07	3.6E-08	6.1E-09	4.8E-09	4.1E-09	0.0E+00	1.9E-07
665	UCART1	593967.59	4123479.92	593967.59, 4123479.92	0.27305	0.10637	0.14421	0.05141	0.14185	3.68E-04	1.30E-04	1.59E-04	1.13E-06	8.09E-06	1.44E-07	1.03E-06	5.42E-07	3.89E-06	3.77E-04	1.31E-04	1.63E-04	6.72E-04	1.3E-07	3.9E-07	2.3E-07	7.9E-08	9.9E-08	9.0E-08	4.1E-08	4.4E-09	1.1E-07	2.9E-08	5.4E-09	4.2E-09	3.6E-09	0.0E+00	1.5E-07
666	UCART1	594007.59	4123479.92	594007.59, 4123479.92	0.22703	0.09535	0.1269	0.04811	0.12232	3.06E-04	1.17E-04	1.40E-04	1.05E-06	6.97E-06	1.34E-07	8.89E-07	5.07E-07	3.35E-06	3.14E-04	1.18E-04	1.44E-04	5.76E-04	1.1E-07	3.3E-07	1.9E-07	7.1E-08	8.7E-08	7.9E-08	3.6E-08	3.6E-09	8.8E-08	2.4E-08	4.8E-09	3.7E-09	3.1E-09	0.0E+00	1.3E-07
667	UCART1	592567.59	4123519.92	592567.59, 4123519.92	0.06563	0.10548	0.09277	0.83517	0.19159	8.85E-05	1.29E-04	1.02E-04	1.83E-05	1.09E-05	2.33E-06	1.39E-06	8.80E-06	5.25E-06	1.18E-04	1.33E-04	1.16E-04	3.67E-04	4.1E-08	1.2E-07	7.1E-08	8.0E-08	7.0E-08	6.4E-08	2.9E-08	1.4E-09	3.3E-08	9.1E-09	5.5E-09	3.0E-09	2.5E-09	0.0E+00	5.4E-08
668	UCART1	592607.59	4123519.92	592607.59, 4123519.92	0.07168	0.12001	0.1039	1.08828	0.23039	9.67E-05	1.47E-04	1.14E-04	2.38E-05	1.31E-05	3.04E-06	1.68E-06	1.15E-05	6.31E-06	1.34E-04	1.52E-04	1.32E-04	4.17E-04	4.6E-08	1.4E-07	8.1E-08	9.2E-08	8.0E-08	7.3E-08	3.3E-08	1.5E-09	3.7E-08	1.0E-08	6.2E-09	3.4E-09	2.9E-09	0.0E+00	6.2E-08
669	UCART1	592647.59	4123519.92	592647.59, 4123519.92	0.07865	0.13794	0.11703	1.42855	0.28285	1.06E-04	1.69E-04	1.29E-04	3.13E-05	1.61E-05	3.99E-06	2.06E-06	1.51E-05	7.75E-06	1.53E-04	1.75E-04	1.52E-04	4.80E-04	5.3E-08	1.6E-07	9.3E-08	1.1E-07	9.2E-08	8.3E-08	3.8E-08	1.8E-09	4.3E-08	1.2E-08	7.2E-09	3.9E-09	3.3E-09	0.0E+00	7.1E-08
670	UCART1	592687.59	4123519.92	592687.59, 4123519.92	0.08695	0.16069	0.13314	1.88678	0.35643	1.17E-04	1.97E-04	1.47E-04	4.13E-05	2.03E-05	5.27E-06	2.59E-06	1.99E-05	9.77E-06	1.79E-04	2.04E-04	1.76E-04	5.60E-04	6.2E-08	1.9E-07	1.1E-07	1.2E-07	1.1E-07	9.7E-08	4.4E-08	2.1E-09	5.0E-08	1.4E-08	8.4E-09	4.5E-09	3.8E-09	0.0E+00	8.3E-08
671	UCART1	592727.59	4123519.92	592727.59, 4123519.92	0.09686	0.18974	0.1529	2.53003	0.46486	1.31E-04	2.32E-04	1.68E-04	5.54E-05	2.65E-05	7.07E-06	3.38E-06	2.67E-05	1.27E-05	2.13E-04	2.43E-04	2.08E-04	6.63E-04	7.4E-08	2.2E-07	1.3E-07	1.5E-07	1.3E-07	1.1E-07	5.2E-08	2.5E-09	5.9E-08	1.6E-08	1.0E-08	5.3E-09	4.5E-09	0.0E+00	9.8E-08
672	UCART1	592767.59	4123519.92	592767.59, 4123519.92	0.10886	0.22713	0.17724	3.49311	0.63542	1.47E-04	2.78E-04	1.95E-04	7.65E-05	3.62E-05	9.76E-06	4.62E-06	3.68E-05	1.74E-05	2.60E-04	2.92E-04	2.49E-04	8.01E-04	9.0E-08	2.7E-07	1.6E-07	1.8E-07	1.5E-07	1.4E-07	6.2E-08	3.0E-09	7.2E-08	2.0E-08	1.2E-08	6.4E-09	5.4E-09	0.0E+00	1.2E-07
673	UCART1	592807.59	4123519.92	592807.59, 4123519.92	0.12354	0.27583	0.20756	5.06893	0.92206	1.67E-04	3.37E-04	2.29E-04	1.11E-04	5.26E-05	1.42E-05	6.70E-06	5.34E-05	2.53E-05	3.30E-04	3.58E-04	3.07E-04	9.96E-04	1.1E-07	3.5E-07	2.0E-07	2.2E-07	1.9E-07	1.7E-07	7.7E-08	3.8E-09	9.2E-08	2.5E-08	1.5E-08	7.9E-09	6.7E-09	0.0E+00	1.5E-07
674	UCART1	592847.59	4123519.92	592847.59, 4123519.92	0.14177	0.33975	0.24543	8.1162	1.40657	1.91E-04	4.16E-04	2.70E-04	1.78E-04	8.02E-05	2.27E-05	1.02E-05	8.55E-05	3.85E-05	4.49E-04	4.49E-04	3.94E-04	1.29E-03	1.6E-07	4.7E-07	2.7E-07	2.7E-07	2.4E-07	2.2E-07	9.9E-08	5.2E-09	1.3E-07	3.5E-08	1.8E-08	1.0E-08	8.6E-09	0.0E+00	2.0E-07
675	UCART1	592887.59	4123519.92	592887.59, 4123519.92	0.16416	0.42195	0.29297	16.72118	2.09457	2.21E-04	5.16E-04	3.23E-04	3.66E-04	1.19E-04	4.67E-05	1.52E-05	1.76E-04	5.74E-05	7.07E-04	5.78E-04	5.56E-04	1.84E-03	2.4E-07	7.4E-07	4.3E-07	3.5E-07	3.4E-07	3.1E-07	1.4E-07	8.2E-09	2.0E-07	5.4E-08	2.4E-08	1.4E-08	1.2E-08	0.0E+00	3.1E-07
676	UCART1	592927.59	4123519.92	592927.59, 4123519.92	0.19357	0.53337	0.3544	11.74627	2.73268	2.61E-04	6.53E-04	3.90E-04	2.57E-04	1.56E-04	3.28E-05	1.99E-05	1.24E-04	7.49E-05	6.74E-04	7.05E-04	5.89E-04	1.97E-03	2.3E-07	7.0E-07	4.1E-07	4.3E-07	3.6E-07	3.2E-07	1.5E-07	7.8E-09	1.9E-07	5.2E-08	2.9E-08	1.5E-08	1.3E-08	0.0E+00	3.0E-07
677	UCART1	592967.59	4123519.92	592967.59, 4123519.92	0.23193	0.68513	0.43175	18.10278	3.12782	3.13E-04	8.38E-04	4.76E-04	3.97E-04	1.78E-04	5.06E-05	2.27E-05	1.91E-04	8.57E-05	8.88E-04	9.12E-04	7.52E-04	2.55E-03	3.1E-07	9.3E-07	5.4E-07	5.5E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	6.8E-08	3.7E-08	1.9E-08	1.6E-08	0.0E+00	4.0E-07
678	UCART1	593007.59	4123519.92	593007.59, 4123519.92	0.28357	0.89128	0.52603	8.99321	2.99059	3.82E-04	1.09E-03	5.79E-04	1.97E-04	1.70E-04	2.51E-05	2.17E-05	9.47E-05	8.20E-05	7.50E-04	1.14E-03	7.56E-04	2.64E-03	2.6E-07	7.8E-07	4.5E-07	6.9E-07	4.6E-07	4.1E-07	1.9E-07	8.7E-09	2.1E-07	5.8E-08	4.7E-08	1.9E-08	1.6E-08	0.0E+00	3.6E-07
679	UCART1	593047.59	4123519.92	593047.59, 4123519.92	0.35507	1.16947	0.64492	4.59211	2.32124	4.79E-04	1.43E-03	7.10E-04	1.01E-04	1.32E-04	1.28E-05	1.69E-05	4.84E-05	6.36E-05	7.12E-04	1.46E-03	8.22E-04	2.99E-03	2.5E-07	7.4E-07	4.3E-07	8.8E-07	5.0E-07	4.5E-07	2.1E-07	8.2E-09	2.0E-07	5.5E-08	6.0E-08	2.1E-08	1.8E-08	0.0E+00	3.6E-07
680	UCART1	593087.59	4123519.92	593087.59, 4123519.92	0.45598	1.54522	0.79022	2.47092	1.63162	6.15E-04	1.89E-03	8.70E-04	5.41E-05	9.30E-05	6.91E-06	1.19E-05	2.60E-05	4.47E-05	7.62E-04	1.91E-03	9.41E-04	3.61E-03	2.6E-07	8.0E-07	4.6E-07	1.2E-06	5.7E-07	5.2E-07	2.4E-07	8.8E-09	2.1E-07	5.9E-08	7.8E-08	2.4E-08	2.1E-08	0.0E+00	4.0E-07
681	UCART1	593127.59	4123519.92	593127.59, 4123519.92	0.6018	2.06384	0.95823	1.46744	1.19766	8.12E-04	2.52E-03	1.06E-03	3.22E-05	6.83E-05	4.10E-06	8.71E-06	1.55E-05	3.28E-05	9.12E-04	2.54E-03	1.10E-03	4.55E-03	3.2E-07	9.5E-07	5.5E-07	1.5E-06	6.7E-07	6.1E-07	2.8E-07	1.1E-08	2.5E-07	7.0E-08	1.0E-07	2.8E-08	2.4E-08	0.0E+00	4.9E-07
682	UCART1	593167.59	4123519.92	593167.59, 4123519.92	0.81681	2.81527	1.13826	0.9559	0.95823	1.10E-03	3.44E-03	1.25E-03	2.09E-05	5.46E-05	2.67E-06	6.97E-06	1.01E-05	2.63E-05	1.18E-03	3.45E-03	1.29E-03	5.92E-03	4.1E-07	1.2E-06	7.1E-07	2.1E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-08	3.3E-07	9.1E-08	1.4E-07	3.3E-08	2.8E-08	0.0E+00	6.4E-07
683	UCART1	593207.59	4123519.92	593207.59, 4123519.92	1.14265	4.00313	1.31112	0.6699	0.81989	1.54E-03	4.90E-03	1.44E-03	1.47E-05	4.67E-05	1.87E-06	5.96E-06	7.06E-06	2.25E-05	1.60E-03	4.91E-03	1.47E-03	7.98E-03	5.5E-07	1.7E-06	9.7E-07	3.0E-06	8.9E-07	8.1E-07	3.7E-07	1.9E-08	4.5E-07	1.2E-07	2.0E-07	3.8E-08	3.2E-08	0.0E+00	8.6E-07
684	UCART1	593247.59	4123519.92	593247.59, 4123519.92	1.65347	6.07835	1.45433	0.49535	0.73401	2.23E-03	7.44E-03	1.60E-03	1.09E-05	4.18E-05	1.38E-06	5.34E-06	5.22E-06	2.01E-05	2.28E-03	7.44E-03	1.63E-03	1.14E-02	7.9E-07	2.4E-06	1.4E-06	4.5E-06	9.8E-07	8.9E-07	4.1E-07	2.6E-08	6.4E-07	1.8E-07	3.1E-07	4.2E-08	3.5E-08	0.0E+00	1.2E-06
685	UCART1	593287.59	4123519.92	593287.59, 4123519.92	2.48167	9.5873	1.54668	0.38191	0.67803	3.35E-03	1.17E-02	1.70E-03	8.37E-06	3.86E-05	1.07E-06	4.93E-06	4.02E-06	1.86E-05	3.39E-03	1.17E-02	1.73E-03	1.69E-02	1.2E-06	3.5E-06	2.1E-06	7.1E-06	1.0E-06	9.5E-07	4.3E-07	3.9E-08	9.5E-07	2.6E-07	4.8E-07	4.4E-08	3.8E-08	0.0E+00	1.8E-06
686	UCART1	593327.59	4123519.92	593327.59, 4123519.92	3.80184	9.09356	1.5746	0.30417	0.64051	5.13E-03	1.11E-02	1.73E-03	6.67E-06	3.65E-05	8.50E-07	4.66E-06	3.20E-06	1.76E-05	5.17E-03	1.11E-02	1.76E-03	1.81E-02	1.8E-06	5.4E-06	3.1E-06	6.7E-06	1.1E-06	9.6E-07	4.4E-07	6.0E-08	1.4E-06	4.0E-07	4.6E-07	4.5E-08	3.8E-08	0.0E+00	2.4E-06
687	UCART1	593367.59	4123519.92	593367.59, 4123519.92	5.07467	4.54822	1.52991	0.24821	0.61624	6.84E-03	5.56E-03	1.69E-03	5.44E-06	3.51E-05	6.94E-07	4.48E-06	2.62E-06	1.69E-05	6.88E-03	5.57E-03	1.70E-03	1.42E-02	2.4E-06	7.2E-06	4.2E-06	3.4E-06	1.0E-06	9.3E-07	4.3E-07	8.0E-08	1.9E-06	5.3E-07	2.3E-07	4.4E-08	3.7E-08	0.0E+00	2.8E-06
688	UCART1	593407.59	4123519.92	593407.59, 4123519.92	5.15309	2.31404	1.41582	0.20688	0.60228	6.95E-03	2.83E-03	1.56E-03	4.53E-06	3.43E-05	5.78E-07	4.38E-06	2.18E-06	1.65E-05	6.99E-03	2.84E-03	1.58E-03	1.14E-02	2.4E-06	7.3E-06	4.2E-06	1.7E-06	9.5E-07	8.7E-07	3.9E-07	8.1E-08	2.0E-06	5.4E-07	1.2E-07	4.1E-08	3.4E-08	0.0E+00	2.8E-06
689	UCART1	593447.59	4123519.92	593447.59, 4123519.92	4.82756	1.41948	1.25167	0.1755	0.59582	6.51E-03	1.74E-03	1.38E-03	3.85E-06	3.40E-05	4.91E-07	4.33E-06	1.85E-06	1.63E-05	6.55E-03	1.74E-03	1.40E-03	9.69E-03	2.3E-06	6.8E-06	4.0E-06	1.1E-06	8.5E-07	7.7E-07	3.5E-07	7.6E-08	1.8E-06	5.0E-07	7.2E-08	3.6E-08	3.0E-08	0.0E+00	2.5E-06
690	UCART1	593487.59	4123519.92	593487.59, 4123519.92	4.36923	0.96405	1.0612	0.15111	0.59395	5.89E-03	1.18E-03	1.17E-03	3.31E-06	3.39E-05	4.22E-07	4.32E-06	1.59E-06	1.63E-05	5.93E-03	1.18E-03	1.19E-03	8.30E-03	2.1E-06	6.2E-06	3.6E-06	7.2E-07	7.2E-07	6.5E-07	3.0E-07	6.9E-08	1.7E-06	4.6E-07	4.9E-08	3.0E-08	2.6E-08	0.0E+00	2.3E-06
691	UCART1	593527.59	4123519.92	593527.59, 4123519.92	3.84052	0.69885	0.86953	0.13177	0.59205	5.18E-03	8.55E-04	9.58E-04	2.89E-06	3.37E-05	3.68E-07	4.30E-06	1.39E-06	1.62E-05	5.22E-03	8.60E-04	9.75E-04	7.05E-03	1.8E-06	5.5E-06	3.2E-06	5.2E-07	5.9E-07	5.3E-07	2.4E-07	6.0E-08	1.5E-06	4.0E-07	3.5E-08	2.5E-08	2.1E-08	0.0E+00	2.0E-06
692	UCART1	593567.59	4123519.92	593567.59, 4123519.92	3.26426	0.53133	0.70435	0.11618	0.5825	4.40E-03	6.50E-04	7.76E-04	2.55E-06	3.32E-05	3.25E-07	4.23E-06	1.22E-06	1.60E-05	4.44E-03	6.55E-04	7.93E-04	5.89E-03	1.5E-06	4.6E-06	2.7E-06	4.0E-07	4.8E-07	4.3E-07	2.0E-07	5.1E-08	1.2E-06	3.4E-07	2.7E-08	2.0E-08	1.7E-08	0.0E+00	1.7E-06
693	UCART1	593607.59	4123519.92	593607.59, 4123519.92	2.65539	0.41793	0.57417	0.10344	0.55631	3.58E-03	5.11E-04	6.32E-04	2.27E-06	3.17E-05	2.89E-07	4.04E-06	1.09E-06	1.52E-05	3.61E-03	5.16E-04	6.49E-04	4.78E-03	1.3E-06	3.8E-06	2.2E-06	3.1E-07	3.9E-07	3.6E-07	1.6E-07	4.2E-08	1.0E-06	2.8E-07	2.1E-08	1.7E-08	1.4E-08	0.0E+00	1.4E-06
694	UCART1	593647.59	4123519.92	593647.59, 4123519.92	2.03336	0.33688	0.47134	0.09288	0.51045	2.74E-03	4.12E-04	5.19E-04	2.04E-06	2.91E-05	2.60E-07	3.71E-06	9.79E-07	1.40E-05	2.77E-03	4.16E-04	5.34E-04	3.72E-03	9.6E-07	2.9E-06	1.7E-06	2.5E-07	3.2E-07	2.9E-07	1.3E-07	3.2E-08	7.7E-07	2.1E-07	1.7E-08	1.4E-08	1.2E-08	0.0E+00	1.1E-06
695	UCART1	593687.59	4123519.92	593687.59, 4123519.92	1.46666	0.27658	0.38963	0.08402	0.4429	1.98E-03	3.38E-04	4.29E-04	1.84E-06	2.52E-05	2.35E-07	3.22E-06	8.85E-07	1.21E-05	2.00E-03	3.42E-04	4.42E-04	2.79E-03	6.9E-07	2.1E-06	1.2E-06	2.1E-07	2.7E-07	2.4E-07	1.1E-07	2.3E-08	5.6E-07	1.5E-07	1.4E-08	1.1E-08	9.6E-09	0.0E+00	7.7E-07
696	UCART1	593727.59	4123519.92	593727.59, 4123519.92	1.03743	0.23057	0.32541	0.0765	0.36125	1.40E-03	2.82E-04	3.58E-04	1.68E-06	2.06E-05	2.14E-07	2.63E-06	8.06E-07	9.90E-06	1.42E-03	2.85E-04	3.69E-04	2.08E-03	4.9E-07	1.5E-06	8.6E-07	1.7E-07	2.2E-07	2.0E-07	9.2E-08	1.6E-08	4.0E-07	1.1E-07	1.2E-08	9.5E-09	8.0E-09	0.0E+00	5.5E-07
697	UCART1	593767.59	4123519.92	593767.59, 4123519.92	0.75397	0.19486	0.27479	0.07006	0.29349	1.02E-03	2.38E-04	3.03E-04	1.54E-06	1.67E-05	1.96E-07	2.13E-06	7.38E-07	8.04E-06	1.04E-03	2.41E-04	3.11E-04	1.59E-03	3.6E-07	1.1E-06	6.3E-07	1.5E-07	1.9E-07	1.7E-07	7.8E-08	1.2E-08	2.9E-07	8.0E-08	9.9E-09	8.0E-09	6.8E-09	0.0E+00	4.1E-07
698	UCART1	593807.59	4123519.92	593807.59, 4123519.92	0.56557	0.16665	0.23398	0.06448	0.24104	7.63E-04	2.04E-04	2.58E-04	1.41E-06	1.37E-05	1.80E-07	1.75E-06	6.79E-07	6.61E-06	7.78E-04	2.06E-04	2.65E-04	1.25E-03	2.7E-07	8.1E-07	4.7E-07	1.2E-07	1.6E-07	1.5E-07	6.6E-08	9.0E-09	2.2E-07	6.0E-08	8.5E-09	6.8E-09	5.8E-09	0.0E+00	3.1E-07
699	UCART1	593847.59	4123519.92	593847.59, 4123519.92	0.43832	0.14427	0.20108	0.05965	0.20054	5.91E-04	1.76E-04	2.21E-04	1.31E-06	1.14E-05	1.67E-07	1.46E-06	6.28E-07	5.50E-06	6.04E-04	1.78E-04	2.28E-04	1.01E-03	2.1E-07	6.3E-07	3.7E-07	1.1E-07	1.4E-07	1.2E-07	5.7E-08	7.0E-09	1.7E-07	4.7E-08	7.3E-09	5.8E-09	5.0E-09	0.0E+00	2.4E-07

CONSTRUCTION RISK (UNMITIGATED)

700	UCART1	593887.59	4123519.92	593887.59, 4123519.92	0.34874	0.12618	0.17399	0.0554	0.16944	4.70E-04	1.54E-04	1.92E-04	1.21E-06	9.66E-06	1.55E-07	1.23E-06	5.84E-07	4.64E-06	4.81E-04	1.56E-04	1.97E-04	8.34E-04	1.7E-07	5.0E-07	2.9E-07	9.4E-08	1.2E-07	1.1E-07	4.9E-08	5.6E-09	1.3E-07	3.7E-08	6.4E-09	5.1E-09	4.3E-09	0.0E+00	1.9E-07
701	UCART1	593927.59	4123519.92	593927.59, 4123519.92	0.28418	0.11152	0.15186	0.05167	0.14553	3.83E-04	1.36E-04	1.67E-04	1.13E-06	8.30E-06	1.44E-07	1.06E-06	5.44E-07	3.99E-06	3.93E-04	1.38E-04	1.72E-04	7.02E-04	1.4E-07	4.1E-07	2.4E-07	8.3E-08	1.0E-07	9.4E-08	4.3E-08	4.5E-09	1.1E-07	3.0E-08	5.7E-09	4.4E-09	3.7E-09	0.0E+00	1.6E-07
702	UCART1	593967.59	4123519.92	593967.59, 4123519.92	0.23584	0.0994	0.13346	0.04834	0.12636	3.18E-04	1.22E-04	1.47E-04	1.06E-06	7.20E-06	1.35E-07	9.19E-07	5.09E-07	3.46E-06	3.26E-04	1.23E-04	1.51E-04	6.00E-04	1.1E-07	3.4E-07	2.0E-07	7.4E-08	9.1E-08	8.3E-08	3.8E-08	3.8E-09	9.1E-08	2.5E-08	5.0E-09	3.9E-09	3.3E-09	0.0E+00	1.3E-07
703	UCART1	594007.59	4123519.92	594007.59, 4123519.92	0.19914	0.08938	0.11827	0.0454	0.11095	2.69E-04	1.09E-04	1.30E-04	9.95E-07	6.32E-06	1.27E-07	8.07E-07	4.78E-07	3.04E-06	2.76E-04	1.10E-04	1.34E-04	5.20E-04	9.5E-08	2.9E-07	1.7E-07	6.7E-08	8.1E-08	7.3E-08	3.3E-08	3.2E-09	7.7E-08	2.1E-08	4.5E-09	3.4E-09	2.9E-09	0.0E+00	1.1E-07
704	UCART1	592567.59	4123559.92	592567.59, 4123559.92	0.07063	0.11739	0.1028	0.85202	0.2169	9.52E-05	1.44E-04	1.13E-04	1.87E-05	1.24E-05	2.38E-06	1.58E-06	8.98E-06	5.94E-06	1.26E-04	1.48E-04	1.28E-04	4.02E-04	4.4E-08	1.3E-07	7.6E-08	8.9E-08	7.8E-08	7.0E-08	3.2E-08	1.5E-09	3.5E-08	9.7E-09	6.1E-09	3.3E-09	2.8E-09	0.0E+00	5.9E-08
705	UCART1	592607.59	4123559.92	592607.59, 4123559.92	0.07741	0.13525	0.11515	1.06826	0.26167	1.04E-04	1.65E-04	1.27E-04	2.34E-05	1.49E-05	2.99E-06	1.90E-06	1.13E-05	7.17E-06	1.43E-04	1.70E-04	1.45E-04	4.58E-04	4.9E-08	1.5E-07	8.6E-08	1.0E-07	8.8E-08	8.0E-08	3.6E-08	1.6E-09	4.0E-08	1.1E-08	7.0E-09	3.7E-09	3.2E-09	0.0E+00	6.6E-08
706	UCART1	592647.59	4123559.92	592647.59, 4123559.92	0.08564	0.15711	0.13061	1.3431	0.32159	1.15E-04	1.92E-04	1.44E-04	2.94E-05	1.83E-05	3.75E-06	2.34E-06	1.42E-05	8.81E-06	1.63E-04	1.98E-04	1.67E-04	5.28E-04	5.7E-08	1.7E-07	9.9E-08	1.2E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	4.6E-08	1.3E-08	8.1E-09	4.3E-09	3.6E-09	0.0E+00	7.6E-08
707	UCART1	592687.59	4123559.92	592687.59, 4123559.92	0.09539	0.18425	0.14905	1.70315	0.40374	1.29E-04	2.25E-04	1.64E-04	3.73E-05	2.30E-05	4.76E-06	2.94E-06	1.79E-05	1.11E-05	1.89E-04	2.33E-04	1.93E-04	6.15E-04	6.5E-08	2.0E-07	1.1E-07	1.4E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	5.3E-08	1.5E-08	9.6E-09	5.0E-09	4.2E-09	0.0E+00	8.8E-08
708	UCART1	592727.59	4123559.92	592727.59, 4123559.92	0.10711	0.21846	0.17138	2.19045	0.51849	1.44E-04	2.67E-04	1.89E-04	4.80E-05	2.96E-05	6.12E-06	3.77E-06	2.31E-05	1.42E-05	2.22E-04	2.77E-04	2.26E-04	7.25E-04	7.7E-08	2.3E-07	1.3E-07	1.7E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	6.2E-08	1.7E-08	1.1E-08	5.8E-09	4.9E-09	0.0E+00	1.0E-07
709	UCART1	592767.59	4123559.92	592767.59, 4123559.92	0.12141	0.26184	0.19858	2.88066	0.6786	1.64E-04	3.20E-04	2.19E-04	6.31E-05	3.87E-05	8.05E-06	4.93E-06	3.03E-05	1.86E-05	2.66E-04	3.33E-04	2.68E-04	8.67E-04	9.2E-08	2.8E-07	1.6E-07	2.0E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	7.4E-08	2.0E-08	1.4E-08	6.9E-09	5.8E-09	0.0E+00	1.2E-07
710	UCART1	592807.59	4123559.92	592807.59, 4123559.92	0.13908	0.3172	0.23186	3.92488	0.89041	1.88E-04	3.88E-04	2.55E-04	8.60E-05	5.08E-05	1.10E-05	6.47E-06	4.14E-05	2.44E-05	3.24E-04	4.05E-04	3.21E-04	1.05E-03	1.1E-07	3.4E-07	2.0E-07	2.5E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	9.1E-08	2.5E-08	1.7E-08	8.2E-09	7.0E-09	0.0E+00	1.5E-07
711	UCART1	592847.59	4123559.92	592847.59, 4123559.92	0.16117	0.38813	0.27257	5.69636	1.13421	2.17E-04	4.75E-04	3.00E-04	1.25E-04	6.46E-05	1.59E-05	8.25E-06	6.00E-05	3.11E-05	4.07E-04	4.99E-04	3.91E-04	1.30E-03	1.4E-07	4.3E-07	2.5E-07	3.0E-07	2.4E-07	2.1E-07	9.8E-08	4.7E-09	1.1E-07	3.1E-08	2.0E-08	1.0E-08	8.5E-09	0.0E+00	1.9E-07
712	UCART1	592887.59	4123559.92	592887.59, 4123559.92	0.1891	0.47934	0.3222	9.40786	1.36533	2.55E-04	5.86E-04	3.55E-04	2.06E-04	7.78E-05	2.63E-05	9.93E-06	9.91E-05	3.74E-05	5.39E-04	6.23E-04	4.91E-04	1.65E-03	1.9E-07	5.6E-07	3.3E-07	3.8E-07	3.0E-07	2.7E-07	1.2E-07	6.2E-09	1.5E-07	4.2E-08	2.6E-08	1.3E-08	1.1E-08	0.0E+00	2.5E-07
713	UCART1	592927.59	4123559.92	592927.59, 4123559.92	0.22515	0.59662	0.38271	13.22945	1.50242	3.04E-04	7.30E-04	4.22E-04	2.90E-04	8.56E-05	3.70E-05	1.09E-05	1.39E-04	4.12E-05	6.79E-04	7.78E-04	6.02E-04	2.06E-03	2.4E-07	7.1E-07	4.1E-07	4.7E-07	3.6E-07	3.3E-07	1.5E-07	7.9E-09	1.9E-07	5.2E-08	3.2E-08	1.5E-08	1.3E-08	0.0E+00	3.1E-07
714	UCART1	592967.59	4123559.92	592967.59, 4123559.92	0.27153	0.74592	0.45452	26.21538	1.48437	3.66E-04	9.13E-04	5.01E-04	5.74E-04	8.46E-05	7.33E-05	1.08E-05	2.76E-04	4.07E-05	1.03E-03	9.97E-04	8.18E-04	2.84E-03	3.5E-07	1.1E-06	6.2E-07	6.0E-07	4.9E-07	4.5E-07	2.0E-07	1.2E-08	2.9E-07	7.9E-08	4.1E-08	2.1E-08	1.8E-08	0.0E+00	4.6E-07
715	UCART1	593007.59	4123559.92	593007.59, 4123559.92	0.33225	0.93455	0.53824	7.90019	1.34659	4.48E-04	1.14E-03	5.93E-04	1.73E-04	7.68E-05	2.21E-05	9.79E-06	8.32E-05	3.69E-05	6.98E-04	1.18E-03	7.13E-04	2.59E-03	2.4E-07	7.3E-07	4.2E-07	7.1E-07	4.3E-07	3.9E-07	1.8E-07	8.1E-09	1.9E-07	5.4E-08	4.8E-08	1.8E-08	1.6E-08	0.0E+00	3.4E-07
716	UCART1	593047.59	4123559.92	593047.59, 4123559.92	0.41372	1.17435	0.63427	2.97921	1.16143	5.58E-04	1.44E-03	6.99E-04	6.53E-05	6.62E-05	8.33E-06	8.44E-06	3.14E-05	3.18E-05	6.89E-04	1.45E-03	7.62E-04	2.90E-03	2.4E-07	7.2E-07	4.2E-07	8.8E-07	4.6E-07	4.2E-07	1.9E-07	8.0E-09	1.9E-07	5.3E-08	6.0E-08	2.0E-08	1.7E-08	0.0E+00	3.5E-07
717	UCART1	593087.59	4123559.92	593087.59, 4123559.92	0.5243	1.47785	0.73944	1.5577	0.96979	7.07E-04	1.81E-03	8.14E-04	3.41E-05	5.53E-05	4.35E-06	7.05E-06	1.64E-05	2.66E-05	7.96E-04	1.82E-03	8.57E-04	3.47E-03	2.8E-07	8.3E-07	4.8E-07	1.1E-06	5.2E-07	4.7E-07	2.1E-07	9.2E-09	2.2E-07	6.1E-08	7.5E-08	2.2E-08	1.9E-08	0.0E+00	4.1E-07
718	UCART1	593127.59	4123559.92	593127.59, 4123559.92	0.67558	1.85987	0.84694	0.97326	0.81734	9.11E-04	2.28E-03	9.33E-04	2.13E-05	4.66E-05	2.72E-06	5.94E-06	1.03E-05	2.24E-05	9.79E-04	2.28E-03	9.66E-04	4.23E-03	3.4E-07	1.0E-06	5.9E-07	1.4E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	7.5E-08	9.4E-08	2.5E-08	2.1E-08	0.0E+00	5.0E-07
719	UCART1	593167.59	4123559.92	593167.59, 4123559.92	0.88307	2.33375	0.94629	0.67284	0.71061	1.19E-03	2.86E-03	1.04E-03	1.47E-05	4.05E-05	1.88E-06	5.17E-06	7.09E-06	1.95E-05	1.25E-03	2.86E-03	1.07E-03	5.18E-03	4.3E-07	1.3E-06	7.5E-07	1.7E-06	6.5E-07	5.9E-07	2.7E-07	1.4E-08	3.5E-07	9.6E-08	1.2E-07	2.7E-08	2.3E-08	0.0E+00	6.3E-07
720	UCART1	593207.59	4123559.92	593207.59, 4123559.92	1.16527	2.88287	1.0255	0.49599	0.63707	1.57E-03	3.53E-03	1.13E-03	1.09E-05	3.63E-05	1.39E-06	4.63E-06	5.23E-06	1.75E-05	1.62E-03	3.53E-03	1.15E-03	6.30E-03	5.6E-07	1.7E-06	9.8E-07	2.1E-06	7.0E-07	6.3E-07	2.9E-07	1.9E-08	4.5E-07	1.2E-07	1.5E-07	3.0E-08	2.5E-08	0.0E+00	8.0E-07
721	UCART1	593247.59	4123559.92	593247.59, 4123559.92	1.53719	3.35718	1.0759	0.38234	0.58577	2.07E-03	4.11E-03	1.19E-03	8.38E-06	3.34E-05	1.07E-06	4.26E-06	4.03E-06	1.61E-05	2.11E-03	4.11E-03	1.21E-03	7.43E-03	7.3E-07	2.2E-06	1.3E-06	2.5E-06	7.3E-07	6.6E-07	3.0E-07	2.4E-08	5.9E-07	1.6E-07	1.7E-07	3.1E-08	2.6E-08	0.0E+00	1.0E-06
722	UCART1	593287.59	4123559.92	593287.59, 4123559.92	1.98543	3.41045	1.09519	0.3047	0.54943	2.68E-03	4.17E-03	1.21E-03	6.68E-06	3.13E-05	8.52E-07	3.99E-06	3.21E-06	1.51E-05	2.72E-03	4.18E-03	1.22E-03	8.12E-03	9.4E-07	2.8E-06	1.6E-06	2.5E-06	7.4E-07	6.7E-07	3.1E-07	3.1E-08	7.6E-07	2.1E-07	1.7E-07	3.1E-08	2.7E-08	0.0E+00	1.2E-06
723	UCART1	593327.59	4123559.92	593327.59, 4123559.92	2.42301	2.84613	1.08327	0.24921	0.52342	3.27E-03	3.48E-03	1.19E-03	5.46E-06	2.98E-05	6.97E-07	3.81E-06	2.63E-06	1.43E-05	3.30E-03	3.49E-03	1.21E-03	8.00E-03	1.1E-06	3.5E-06	2.0E-06	2.1E-06	7.3E-07	6.6E-07	3.0E-07	3.8E-08	9.2E-07	2.5E-07	1.4E-07	3.1E-08	2.6E-08	0.0E+00	1.4E-06
724	UCART1	593367.59	4123559.92	593367.59, 4123559.92	2.69855	1.99948	1.03812	0.20811	0.50455	3.64E-03	2.45E-03	1.14E-03	4.56E-06	2.88E-05	5.82E-07	3.67E-06	2.19E-06	1.38E-05	3.67E-03	2.45E-03	1.16E-03	7.28E-03	1.3E-06	3.8E-06	2.2E-06	1.5E-06	7.0E-07	6.4E-07	2.9E-07	4.2E-08	1.0E-06	2.8E-07	1.0E-07	3.0E-08	2.5E-08	0.0E+00	1.5E-06
725	UCART1	593407.59	4123559.92	593407.59, 4123559.92	2.73848	1.37138	0.96105	0.1768	0.49046	3.69E-03	1.68E-03	1.06E-03	3.87E-06	2.80E-05	4.94E-07	3.57E-06	1.86E-06	1.34E-05	3.72E-03	1.68E-03	1.07E-03	6.48E-03	1.3E-06	3.9E-06	2.3E-06	1.0E-06	6.5E-07	5.9E-07	2.7E-07	4.3E-08	1.0E-06	2.9E-07	6.9E-08	2.8E-08	2.3E-08	0.0E+00	1.5E-06
726	UCART1	593447.59	4123559.92	593447.59, 4123559.92	2.62541	0.98172	0.85886	0.1524	0.47857	3.54E-03	1.20E-03	9.46E-04	3.34E-06	2.73E-05	4.26E-07	3.48E-06	1.61E-06	1.31E-05	3.57E-03	1.20E-03	9.61E-04	5.74E-03	1.2E-06	3.7E-06	2.2E-06	7.3E-07	5.8E-07	5.3E-07	2.4E-07	4.1E-08	1.0E-06	2.8E-07	4.9E-08	2.5E-08	2.1E-08	0.0E+00	1.4E-06
727	UCART1	593487.59	4123559.92	593487.59, 4123559.92	2.41817	0.72807	0.74271	0.13301	0.46582	3.26E-03	8.91E-04	8.18E-04	2.91E-06	2.66E-05	3.72E-07	3.39E-06	1.40E-06	1.28E-05	3.29E-03	8.94E-04	8.32E-04	5.02E-03	1.1E-06	3.4E-06	2.0E-06	5.4E-07	5.0E-07	4.6E-07	2.1E-07	3.8E-08	9.2E-07	2.5E-07	3.7E-08	2.1E-08	1.8E-08	0.0E+00	1.3E-06
728	UCART1	593527.59	4123559.92	593527.59, 4123559.92	2.1477	0.55646	0.62737	0.11735	0.44905	2.90E-03	6.81E-04	6.91E-04	2.57E-06	2.56E-05	3.28E-07	3.26E-06	1.24E-06	1.23E-05	2.92E-03	6.84E-04	7.05E-04	4.31E-03	1.0E-06	3.1E-06	1.8E-06	4.1E-07	4.3E-07	3.9E-07	1.8E-07	3.4E-08	8.2E-07	2.3E-07	2.8E-08	1.8E-08	1.5E-08	0.0E+00	1.1E-06
729	UCART1	593567.59	4123559.92	593567.59, 4123559.92	1.83564	0.43835	0.52584	0.10449	0.42557	2.48E-03	5.36E-04	5.79E-04	2.29E-06	2.43E-05	2.92E-07	3.09E-06	1.10E-06	1.17E-05	2.50E-03	5.40E-04	5.92E-04	3.63E-03	8.7E-07	2.6E-06	1.5E-06	3.3E-07	3.6E-07	3.2E-07	1.5E-07	2.9E-08	7.0E-07	1.9E-07	2.2E-08	1.5E-08	1.3E-08	0.0E+00	9.7E-07
730	UCART1	593607.59	4123559.92	593607.59, 4123559.92	1.51316	0.35419	0.44222	0.09383	0.39485	2.04E-03	4.33E-04	4.87E-04	2.06E-06	2.25E-05	2.62E-07	2.87E-06	9.89E-07	1.08E-05	2.07E-03	4.36E-04	4.99E-04	3.00E-03	7.1E-07	2.2E-06	1.2E-06	2.6E-07	3.0E-07	2.7E-07	1.2E-07	2.4E-08	5.8E-07	1.6E-07	1.8E-08	1.3E-08	1.1E-08	0.0E+00	8.0E-07
731	UCART1	593647.59	4123559.92	593647.59, 4123559.92	1.20801	0.29213	0.37392	0.08488	0.35845	1.63E-03	3.57E-04	4.12E-04	1.86E-06	2.04E-05	2.37E-07	2.61E-06	8.94E-07	9.82E-06	1.65E-03	3.60E-04	4.23E-04	2.43E-03	5.7E-07	1.7E-06	1.0E-06	2.2E-07	2.6E-07	2.3E-07	1.1E-07	1.9E-08	4.6E-07	1.3E-07	1.5E-08	1.1E-08	9.2E-09	0.0E+00	6.4E-07
732	UCART1	593687.59	4123559.92	593687.59, 4123559.92	0.93746	0.24481	0.31757	0.07727	0.31446	1.26E-03	2.99E-04	3.50E-04	1.69E-06	1.79E-05	2.16E-07	2.29E-06	8.14E-07	8.62E-06	1.28E-03	3.02E-04	3.59E-04	1.95E-03	4.4E-07	1.3E-06	7.8E-07	1.8E-07	2.2E-07	2.0E-07	9.0E-08	1.5E-08	3.6E-07	9.9E-08	1.2E-08	9.2E-09	7.8E-09	0.0E+00	5.0E-07
733	UCART1	593727.59	4123559.92	593727.59, 4123559.92	0.72104	0.20775	0.27161	0.07076	0.26716	9.72E-04	2.54E-04	2.99E-04	1.55E-06	1.52E-05	1.98E-07	1.94E-06	7.46E-07	7.32E-06	9.89E-04	2.56E-04	3.07E-04	1.55E-03	3.4E-07	1.0E-06	6.0E-07	1.6E-07	1.9E-07	1.7E-07	7.7E-08	1.1E-08	2.8E-07	7.6E-08	1.1E-08	7.9E-09	6.7E-09	0.0E+00	3.9E-07
734	UCART1	593767.59	4123559.92	593767.59, 4123559.92	0.56211	0.17815	0.23439	0.06514	0.22682	7.58E-04	2.18E-04	2.58E-04	1.43E-06	1.29E-05	1.82E-07	1.65E-06	6.86E-07	6.22E-06	7.72E-04	2.20E-04	2.65E-04	1.26E-03	2.7E-07	8.1E-07	4.7E-07	1.3E-07	1.6E-07	1.5E-07	6.6E-08	8.9E-09	2.2E-07	5.9E-08	9.0E-09	6.8E-09	5.8E-09	0.0E+00	3.1E-07
735	UCART1	593807.59	4123559.92	593807.59, 4123559.92	0.4451	0.15408	0.20376	0.06022	0.19421	6.00E-04	1.88E-04	2.24E-04	1.32E-06	1.11E-05	1.68E-07	1.41E-06	6.34E-07	5.32E-06	6.13E-04	1.90E-04	2.30E-04	1.03E-03	2.1E-07	6.4E-07	3.7E-07	1.2E-07	1.4E-07	1.3E-07	5.8E-08	7.1E-09	1.7E-07	4.7E-08	7.8E-09	5.9E-09	5.0E-09	0.0E+00	2.4E-07
736	UCART1	593847.59	4123559.92	593847.59, 4123559.92	0.35913	0.13454	0.17854	0.05594	0.16722	4.84E-04	1.65E-04	1.97E-04	1.23E-06	9.53E-06	1.56E-07	1.22E-06	5.89E-07	4.58E-06	4.95E-04	1.66E-04	2.02E-04	8.63E-04	1.7E-07	5.2E-07	3.0E-07	1.0E-07	1.2E-07	1.1E-07	5.1E-08	5.7E-09	1.4E-07	3.8E-08	6.8E-09	5.2E-09	4.4E-09	0.0E+00	2.0E-07
737	UCART1	593887.59	4123559.92	593887.59, 4123559.92	0.29453	0.11838	0.15711	0.05214	0.14498	3.97E-04	1.45E-04	1.73E-04	1.14E-06	8.26E-06	1.46E-07	1.05E-06	5.49E-07	3.97E-06	4.07E-04	1.46E-04	1.78E-04	7.30E-04	1.4E-07	4.2E-07	2.5E-07	8.8E-08	1.1E-07	9.7E-08	4.4E-08	4.7E-09	1.1E-07	3.1E-08	6.0E-09	4.6E-09	3.9E-09	0.0E+00	1.6E-07
738	UCART1	593927.59	4123559.92	593927.59, 4123559.92	0.24574	0.10509	0.13908	0.0488	0.12724	3.31E-04	1.29E-04	1.53E-04	1.07E-06	7.25E-06	1.36E-07	9.25E-07	5.14E-07	3.49E-06	3.40E-04	1.30E-04	1.57E-04	6.27E-04	1.2E-07	3.6E-07	2.1E-07	7.8E-08	9.5E-08	8.6E-08	3.9E-08	3.9E-09	9.5E-08	2.6E-08	5.3E-09	4.0E-09	3.4E-09	0.0E+00	1.4E-07
739	UCART1	593967.59	4123559.92	593967.59, 4123559.92	0.20775	0.09397	0.12363	0.0458	0.11267	2.80E-04	1.15E-04	1.36E-04	1.00E-06	6.42E-06	1.28E-07	8.19E-07	4.83E-07	3.09E-06	2.88E-04	1.16E-04	1.40E-04	5.43E-04	1.0E-07	3.0E-07	1.7E-07	7.0E-08	8.5E-08	7.7E-08	3.5E-08	3.3E-09	8.0E-08	2.2E-08	4.8E-09	3.6E-09	3.0E-09	0.0E+00	1.2E-07
740	UCART1	594007.59	4123559.92	594007.59, 4123559.92	0.17801	0.08471	0.11056	0.04313	0.10063	2.40E-04	1.04E-04	1.22E-04	9.45E-07	5.74E-06	1.21E-07	7.32E-07	4.54E-07	2.76E-06	2.47E-04	1.04E-04	1.25E-04	4.76E-04	8.5E-08	2.6E-07	1.5E-07	6.3E-08	7.6E-08	6.9E-08	3.1E-08	2.9E-09	6.9E-08	1.9E-08	4.3E-09	3.2E-09	2.7E-09	0.0E+00	1.0E-07
741	UCART1	592567.59	4123599.92	592567.59, 4123599.92	0.07648	0.1327	0.11327	0.8356	0.24028	1.03E-04	1.62E-04	1.25E-04	1.83E-05	1.37E-05	2.34E-06	1.75E-06	8.80E-06	6.58E-06	1.35E-04	1.66E-04	1.40E-04	4.42E-04	4.7E-08	1.4E-07	8.2E-08	1.0E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	3.8E-08	1.0E-08	6.8E-09	3.6E-09	3.1E-09	0.0E+00	6.3E-08
742	UCART1	592607.59	4123599.92	592607.59, 4123599.92	0.08448	0.15336	0.12714	1.01568	0.28789	1.14E-04	1.88E-04	1.40E-04	2.23E-05	1.64E-05	2.84E-06	2.09E-06	1.07E-05	7.89E-06	1.53E-04	1.93E-04	1.59E-04	5.04E-04	5.3E-08	1.6E-07	9.2E-08	1.2E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	4.3E-08	1.2E-08	7.9E-09	4.1E-09	3.5E-09	0.0E+00	7.2E-08
743	UCART1	592647.59	4123599.92	592647.59, 4123599.92	0.09396	0.17847	0.14398	1.23863	0.34887	1.27E-04	2.18E-04	1.59E-04	2.71E-05	1.99E-05	3.46E-06	2.54E-06	1.30E-05	9.56E-06	1.74E-04	2.24E-04	1.81E-04	5.79E-04	6.0E-08	1.8E-07	1.1E-07	1.4E-07	1.1E-07	9.9E-08	4.5E-08	2.0E-09	4.9E-08	1.3E-08	9.2E-09	4.7E-09	3.9E-09	0.0E+00	8.2E-08
744	UCART1	592687.59	4123599.92	592687.59, 4123599.92	0.10528	0.2094	0.164	1.52112	0.42671	1.42E-04	2.56E-04	1.81E-04	3.33E-05	2.43E-05	4.25E-06	3.10E-06	1.60E-05	1.17E-05	2.00E-04	2.64E-04	2.08E-04	6.72E-04	6.9E-08	2.1E-07	1.2E-07	1.6E-07	1.3E-07	1.1E-07	5.2E-08	2.3E-09	5.6E-08	1.5E-08	1.1E-08	5.3E-09	4.5E-09	0.0E+00	9.4E-08
745	UCART1	592727.59	4123599.92	592727.59, 4123599.92	0.11892	0.24762	0.18777	1.88975	0.52392	1.60E-04	3.03E-04	2.07E-04	4.14E-05	2.99E-05	5.28E-06	3.81E-06	1.99E-05	1.44E-05	2.32E-04	3.12E-04	2.41E-04	7.85E-04	8.0E-08	2.4E-07	1.4E-07	1.9E-07	1.5E-07	1.3E-07	6.0E-08	2.7E-09	6.5E-08	1.8E-08	1.3E-08	6.2E-09	5.3E-09	0.0E+00	1.1E-07
746	UCART1	592767.59	4123599.92	592767.59, 4123599.92	0.13564	0.29511	0.21628	2.38373	0.63816	1.83E-04	3.61E-04	2.38E-04	5.22E-05	3.64E-05	6.66E-06	4.64E-06	2.51E-05	1.75E-05	2.72E-04	3.72E-04	2.81E-04	9.25E-04	9.4E-08	2.8E-07	1.6E-07	2.3E-07	1.7E-07	1.5E-07	7.0E-08	3.1E-09	7.6E-08	2.1E-08	1.5E-08	7.2E-09	6.1E-09	0.0E+00	1.3E-07
747	UCART1	592807.59	4123599.92	592807.59, 4123599.92	0.15698	0.3542	0.25093	3.01786	0.7493	2.12E-04	4.33E-04	2.76E-04	6.61E-05	4.27E-05	8.44E-06	5.45E-06	3.18E-05	2.05E-05	3.21E-04	4.47E-04	3.29E-04	1.10E-03	1.1E-07	3.4E-07	1.9E-07	2.7E-07	2.0E-07	1.8E-07	8.2E-08	3.7E-09	9.0E-08	2.5E-08	1.8E-08	8.4E-09	7.2E-09	0.0E+00	1.5E-07
748	UCART1	592847.59	4123599.92	592847.59, 4123599.92	0.18221	0.42625	0.2902	3.93726	0.84035	2.46E-04	5.21E-04	3.20E-04	8.63E-05	4.79E-05	1.10E-05	6.11E-06	4.15E-05	2.30E-05	3.80E-04	5.39E-04	3.84E-04	1.30E-03	1.3E-07	4.0E-07	2.3E-07	3.3E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	2.9E-08	2.2E-08	9.9E-09	8.4E-09	0.0E+00	1.8E-07
749	UCART1	592887.59	4123599.92	592887.59, 4123599.92	0.21336	0.51387	0.33535	5.51058	0.89696	2.88E-04	6.29E-04	3.69E-04	1.21E-04	5.11E-05	1.54E-05	6.52E-06	5.81E-05	2.46E-05	4.60E-04	6.51E-04	4.52E-04	1.56E-03	1.6E-07	4.8E-07	2.8E-07	3.9E-07	2.7E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	3.5E-08	2.7E-08	1.2E-08	9.8E-09	0.0E+00	2.2E-07
750	UCART1	592927.59	4123599.92	592927.59, 4123599.92	0.25274	0.62101	0.38743	8.44884	0.91149	3.41E-04	7.60E-04	4.27E-04	1.85E-04	5.20E-05	2.36E-05	6.63E-06	8.90E-05	2.50E-05	5.78E-04	7.90E-04	5.41E-04	1.91E-03	2.0E-07	6.0E-07	3.5E-07	4.8E-07	3.3E-07	3.0E-07	1.4E-07	6.7E-09	1.6E-07	4.5E-08	3.2E-08	1.4E-08	1.2E-08	0.0E+00	2.7E-07
751	UCART1	592967.59	4123599.92	592967.59, 4123599.92	0.30336	0.75194	0.44702	7.05214	0.8856	4.09E-04	9.20E-04	4.92E-04	1.55E-04	5.05E-05	1.97E-05	6.44E-06	7.43E-05	2.43E-05	6.14E-04	9.46E-04	5.91E-04	2.15E-03	2.1E-07	6.4E-07	3.7E-07	5.7E-07	3.6E-07	3.2E-07	1.5E-07	7.1E-09	1.7E-07	4.7E-08	3.9E-08	1.5E-08	1.3E-08	0.0E+00	2.9E-07
752	UCART1	593007.59	4123599.92	593007.59, 4123599.92	0.3687	0.90929	0.51311	2.70359	0.83297	4.97E-04	1.11E-03	5.65E-04	5.92E-05	4.75E-05	7.56E-06	6.06E-06	2.85E-05	2.28E-05	6.04E-04	1.13E-03	6.16E-04	2.35E-03	2.1E-07	6.3E-07	3.7E-07	6.8E-07	3.7E-07	3.4E-07	1.5E-07	7.0E-09	1.7E-07	4.7E-08	4.6E-08	1.6E-08	1.3E-08	0.0E+00	3.0E-07
753	UCART1	593047.59	4123599.92	593047.59, 4123599.92	0.45298	1.09344	0.58296	1.47037	0.7615	6.11E-04	1.34E-03	6.42E-04	3.22E-05	4.34E-05	4.11E-06	5.54E-06	1.55E-05	2.09E-05	6.87E-04	1.35E-03	6.78E-04	2.71E-03	2.4E-07	7.2E-07	4.2E-07	8.2E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	1.9E-07	5.3E-08	5.5E-08	1.7E-08	1.5E-08	0.0E+00	3.4E-07
754	UCART1	593087.59	4123599.92	593087.59, 4123599.92	0.56145	1.30078	0.6523	0.9486	0.68212	7.57E-04	1.59E-03	7.18E-04	2.08E-05	3.89E-05	2.65E-06	4.96E-06	9.99E-06	1.87E-05	8.17E-04	1.60E-03	7.47E-04	3.16E-03	2.8E-07	8.5E-07	4.9E-07	9.7E-07	4.5E-07	4.1E-07	1.9E-07	9.4E-09	2.3E-07	6.3E-08	6.6E-08	1.9E-08	1.6E-08	0.0E+00	4.0E-07
755	UCART1	593127.59	4123599.92	593127.59, 4123599.92	0.69927	1.51727	0.71493	0.66957	0.61134	9.43E-04	1.86E-03	7.87E-04	1.47E-05	3.48E-05	1.87E-06	4.44E-06	7.05E-06	1.68E-05	9.93E-04	1.86E-03	8.11E-04	3.67E-03	3.4E-07	1.0E-06	6.0E-07	1.1E-06	4.9E-07	4.4E-07	2.0E-07	1.1E-08	2.8E-07	7.6E-08	7.7E-08	2.1E-08	1.8E-08	0.0E+00	4.8E-07
756	UCART1	593167.59	4123599.92	593167.59, 4123599.92	0.86995	1.71276	0.76431	0.50029	0.55566	1.17E-03	2.10E-03	8.42E-04	1.10E-05	3.17E-05	1.40E-06	4.04E-06	5.27E-06	1.52E-05	1.22E-03	2.10E-03	8.62E-04	4.18E-03	4.2E-07	1.3E-06	7.4E-07	1.3E-06	5.2E-07	4.7E-07	2.2E-07	1.4E-08	3.4E-07	9.4E-08	8.6E-08	2.2E-08	1.9E-08	0.0E+00	5.7E-07
757	UCART1	593207.59	4123599.92	593207.59, 4123599.92	1.07195	1.83972	0.7961	0.38841	0.51343	1.45E-03	2.25E-03	8.77E-04	8.51E-06	2.93E-05	1.09E-06	3.73E-06	4.09E-06	1.41E-05	1.48E-03	2.26E-03	8.95E-04	4.63E-03	5.1E-07	1.6E-06	9.0E-07	1.4E-06	5.4E-07	4.9E-07	2.2E-07	1.7E-08	4.1E-07	1.1E-07	9.3E-08	2.3E-08	1.9E-08	0.0E+00	6.8E-07
758	UCART1	593247.59	4123599.92	593247.59, 4123599.92	1.29051	1.85583	0.80906	0.31096	0.48096	1.74E-03	2.27E-03	8.91E-04	6.81E-06	2.74E-05	8.69E-07	3.50E-06	3.28E-06	1.32E-05	1.77E-03	2.27E-03	9.08E-04	4.96E-03	6.1E-07	1.9E-06	1.1E-06	1.4E-06	5.5E-07	5.0E-07	2.3E-07	2.1E-08	5.0E-07	1.4E-07	9.3E-08	2.3E-08	2.0E-08	0.0E+00	7.9E-07
759	UCART1	593287.59	4123599.92	593287.59, 4123599.92	1.49535	1.74893	0.80476	0.25503	0.45538	2.02E-03	2.14E-03	8.86E-04	5.59E-06	2.60E-05	7.13E-07	3.31E-06	2.69E-06	1.25E-05	2.05E-03	2.14E-03	9.02E-04	5.09E-03	7.1E-07	2.1E-06	1.2E-06	1.3E-06	5.5E-07	4.9E-07	2.3E-07	2.4E-08	5.7E-07	1.6E-07	8.8E-08	2.3E-08	2.0E-08	0.0E+00	8.8E-07
760	UCART1	593327.59	4123599.92	593327.59, 4123599.92	1.65407	1.49123	0.78441	0.21317	0.43478	2.23E-03	1.82E-03	8.64E-04	4.67E-06	2.48E-05	5.96E-07	3.16E-06	2.25E-06	1.19E-05	2.26E-03	1.83E-03	8.78E-04	4.97E-03	7.8E-07	2.4E-06	1.4E-06	1.1E-06	5.3E-07	4.8E-07	2.2E-07	2.6E-08	6.3E-07	1.7E-07	7.5E-08	2.3E-08	1.9E-08	0.0E+00	9.5E-07
761	UCART1	593367.59	4123599.92	593367.59, 4123599.92	1.7348	1.16144	0.7472	0.18114	0.41761	2.34E-03	1.42E-03	8.23E-04	3.97E-06	2.38E-05	5.06E-07	3.04E-06	1.91E-06	1.14E-05	2.37E-03	1.42E-03	8.36E-04	4.63E-03	8.2E-07	2.5E-06	1.4E-06	8.6E-07	5.1E-07	4.6E-07	2.1E-07	2.7E-08	6.6E-07	1.8E-07	5.9E-08	2.1E-08	1.8E-08	0.0E+00	9.7E-07
762	UCART1	593407.59	4123599.92	593407.59, 4123599.92	1.72022	0.89396	0.69268	0.15611	0.40184	2.32E-03	1.09E-03	7.63E-04	3.42E-06	2.29E-05	4.36E-07	2.92E-06	1.64E-06	1.10E-05	2.35E-03	1.10E-03	7.76E-04	4.22E-03	8.1E-07	2.5E-06	1.4E-06	6.6E-07	4.7E-07	4.3E-07	1.9E-07	2.7E-08	6.6E-07	1.8E-07	4.5E-08	2.0E-08	1.7E-08	0.0E+00	9.4E-07
763	UCART1	593447.59	4123599.92	593447.59, 4123599.92	1.63558	0.69804	0.6237	0.1362	0.3857	2.21E-03	8.54E-04	6.87E-04	2.98E-06	2.20E-05	3.81E-07	2.80E-06	1.43E-06	1.06E-05	2.23E-03	8.57E-04	6.99E-04	3.79E-03	7.7E-07	2.3E-06	1.3E-06	5.2E-07	4.2E-07	3.8E-07	1.7E-07	2.6E-08	6.2E-07	1.7E-07	3.5E-08	1.8E-08	1.5E-08	0.0E+00	8.9E-07
764	UCART1	593487.59	4123599.92	593487.59, 4123599.92	1.50418	0.55209	0.54693	0.12006	0.36795	2.03E-03	6.75E-04	6.02E-04	2.63E-06	2.10E-05	3.36E-07	2.68E-06	1.26E-06	1.01E-05	2.05E-03	6.78E-04	6.14E-04	3.34E-03	7.1E-07	2.1E-06	1.2E-06	4.1E-07	3.7E-07	3.4E-07	1.5E-07	2.4E-08	5.7E-07	1.6E-07	2.8E-08	1.6E-08	1.3E-08	0.0E+00	8.1E-07
765	UCART1	593527.59	4123599.92	593527.59, 4123599.92	1.33924	0.4431	0.4718	0.10682	0.34717	1.81E-03	5.42E-04	5.20E-04	2.34E-06	1.98E-05	2.99E-07	2.52E-06	1.13E-06	9.51E-06	1.83E-03	5.45E-04	5.30E-04	2.90E-03	6.3E-07	1.9E-06	1.1E-06	3.3E-07	3.2E-07	2.9E-07	1.3E-07	2.1E-08	5.1E-07	1.4E-07	2.2E-08	1.4E-08	1.2E-08	0.0E+00	7.2E-07
766	UCART1	593567.59	4123599.92	593567.59, 4123599.92	1.15982	0.36209	0.40541	0.09581	0.32408	1.56E-03	4.43E-04	4.47E-04	2.10E-06	1.85E-05	2.68E-07	2.36E-06	1.01E-06	8.88E-06	1.58E-03	4.46E-04	4.56E-04	2.49E-03	5.5E-07	1.7E-06	9.6E-07	2.7E-07	2.8E-07	2.5E-07	1.1E-07	1.8E-08	4.4E-07	1.2E-07	1.8E-08	1.2E-08	9.9E-09	0.0E+00	6.2E-07
767	UCART1	593607.59	4123599.92	593607.59, 4123599.92	0.98074	0.30097	0.34945	0.08656	0.29897	1.32E-03	3.68E-04	3.85E-04	1.90E-06	1.70E-05	2.42E-07	2.17E-06	9.12E-07	8.19E-06	1.34E-03	3.71E-04	3.94E-04	2.11E-03	4.6E-07	1.4E-06	8.1E-07	2.2E-07	2.4E-07	2.2E-07	9.9E-08	1.6E-08	3.7E-07	1.0E-07	1.5E-08	1.0E-08	8.6E-09	0.0E+00	5.3E-07
768	UCART1	593647.59	4123599.92	593647.59, 4123599.92	0.81164	0.25415	0.30271	0.07874	0.27184	1.09E-03	3.11E-04	3.33E-04	1.73E-06	1.55E-05	2.20E-07	1.98E-06	8.30E-07	7.45E-06	1.11E-03	3.13E-04	3.42E-04	1.77E-03	3.8E-07	1.2E-06	6.7E-07	1.9E-07	2.1E-07	1.9E-07	8.6E-08	1.3E-08	3.1E-07	8.6E-08	1.3E-08	8.8E-09	7.4E-09	0.0E+00	4.4E-07
769	UCART1	593687.59	4123599.92	593687.59, 4123599.92	0.65949	0.21725	0.26284	0.07204	0.24144	8.89E-04	2.66E-04	2.90E-04	1.58E-06	1.38E-05	2.01E-07	1.76E-06	7.59E-07	6.62E-06	9.05E-04	2.68E-04	2.97E-04	1.47E-03	3.1E-07	9.5E-07	5.5E-07	1.6E-07	1.8E-07	1.6E-07	7.4E-08	1.0E-08	2.5E-07	7.0E-08	1.1E-08	7.6E-09	6.5E-09	0.0E+00	3.6E-07
770	UCART1	593727.59	4123599.92	593727.59, 4123599.92	0.5334	0.18749	0.22895	0.06624	0.2104	7.19E-04	2.29E-04	2.52E-04	1.45E-06	1.20E-05	1.85E-07	1.53E-06	6.98E-07	5.77E-06	7.33E-04	2.31E-04	2.59E-04	1.22E-03	2.5E-07	7.7E-07	4.4E-07	1.4E-07	1.6E-07	1.4E-07	6.5E-08	8.5E-09	2.0E-07	5.6E-08	9.5E-09	6.6E-09	5.6E-09	0.0E+00	2.9E-07
771	UCART1	593767.59	4123599.92	593767.59, 4123599.92	0.43525	0.16317	0.2008	0.06121	0.18349	5.87E-04	2.00E-04	2.21E-04	1.34E-06	1.05E-05	1.71E-07	1.33E-06	6.45E-07	5.03E-06	5.99E-04	2.01E-04	2.27E-04	1.03E-03	2.1E-07	6.3E-07	3.6E-07	1.2E-07	1.4E-07	1.2E-07	5.7E-08	6.9E-09	1.7E-07	4.6E-08	8.3E-09	5.8E-09	4.9E-09	0.0E+00	2.4E-07
772	UCART1	593807.59	4123599.92	593807.59, 4123599.92	0.35879	0.14301	0.17747	0.0568	0.16143	4.84E-04	1.75E-04	1.95E-04	1.24E-06	9.20E-06	1.59E-07	1.17E-06	5.98E-07	4.42E-06	4.94E-04	1.76E-04	2.01E-04	8.71E-04	1.7E-07	5.2E-07	3.0E-07	1.1E-07	1.2E-07	1.1E-07	5.0E-08	5.7E-09	1.4E-07	3.8E-08	7.2E-09	5.1E-09	4.4E-09	0.0E+00	2.0E-07
773	UCART1	593847.59	4123599.92	593847.59, 4123599.92	0.29869	0.12613	0.15791	0.05292	0.14245	4.03E-04	1.54E-04	1.74E-04	1.16E-06	8.12E-06	1.48E-07	1.04E-06	5.58E-07	3.90E-06	4.12E-04	1.55E-04	1.78E-04	7.46E-04	1.4E-07	4.3E-07	2.5E-07	9.4E-08	1.1E-07	9.8E-08	4.5E-08	4.8E-09	1.2E-07	3.2E-08	6.4E-09	4.6E-09	3.9E-09	0.0E+00	1.7E-07
774	UCART1	593887.59	4123599.92	593887.59, 4123599.92	0.25132	0.11185	0.14112	0.04946	0.12596	3.39E-04	1.37E-04	1.55E-04	1.08E-06	7.18E-06	1.38E-07	9.16E-07	5.21E-07	3.45E-06	3.47E-04	1.38E-04	1.59E-04	6.44E-04	1.2E-07	3.6E-07	2.1E-07	8.3E-08	9.6E-08	8.7E-08	4.0E-08	4.0E-09	9.7E-08	2.7E-08	5.7E-09	4.1E-09	3.5E-09	0.0E+00	1.4E-07
775	UCART1	593927.59	4123599.92	593927.59, 4123599.92	0.21433	0.0999	0.12677	0.04642	0.11233	2.89E-04	1.22E-04	1.40E-04	1.02E-06	6.40E-06	1.30E-07	8.17E-07	4.89E-07	3.08E-06	2.96E-04	1.23E-04	1.43E-04	5.63E-04	1.0E-07	3.1E-07	1.8E-07	7.5E-08	8.7E-08	7.9E-08	3.6E-08	3.4E-09	8.3E-08	2.3E-08	5.1E-09	3.7E-09	3.1E-09	0.0E+00	1.2E-07
776	UCART1	593967.59	4123599.92	593967.59, 4123599.92	0.18443	0.08967	0.11409	0.04366	0.10085	2.49E-04	1.10E-04	1.26E-04	9.57E-07	5.75E-06	1.22E-07	7.33E-07	4.60E-07	2.76E-06	2.55E-04	1.11E-04	1.29E-04	4.95E-04	8.8E-08	2.7E-07	1.5E-07	6.7E-08	7.8E-08	7.1E-08	3.2E-08	3.0E-09	7.1E-08	2.0E-08	4.5E-09	3.3E-09	2.8E-09	0.0E+00	1.0E-07
777	UCART1	594007.59	4123599.92	594007.59, 4123599.92	0.16045	0.08108	0.10315	0.04123	0.09132	2.16E-04	9.92E-05	1.14E-04	9.04E-07	5.21E-06	1.15E-07	6.64E-07	4.34E-07	2.50E-06	2.22E-04	1.00E-04	1.17E-04	4.39E-04	7.7E-08	2.3E-07	1.3E-07	6.0E-08	7.1E-08	6.4E-08	2.9E-08	2.6E-09	6.2E-08	1.7E-08	4.1E-09	3.0E-09	2.5E-09	0.0E+00	9.1E-08
778	UCART1	593087.59	4123639.92	593087.59, 4123639.92	0.57052	1.07451	0.56511	0.68911	0.52727	7.69E-04	1.31E-03	6.22E-04	1.51E-05	3.01E-05	1.93E-06	3.83E-06	7.26E-06	1.44E-05	8.15E-04	1.32E-03	6.44E-04	2.78E-03	2.8E-07	8.5E-07	4.9E-07	8.0E-07	3.9E-07	3.5E-07	1.6E-07	9.4E-09	2.3E-07	6.3E-08	5.4E-08	1.7E-08	1.4E-08	0.0E+00	3.8E-07
779	UCART1	593127.59	4123639.92	593127.59, 4123639.92	0.68174	1.16024	0.59825	0.51744	0.48753	9.19E-04	1.42E-03	6.59E-04	1.13E-05	2.78E-05	1.45E-06	3.54E-06	5.45E-06	1.34E-05	9.59E-04	1.42E-03	6.78E-04	3.06E-03	3.3E-07	1.0E-06	5.8E-07	8.6E-07	4.1E-07	3.7E-07	1.7E-07	1.1E-08	2.7E-07	7.4E-08	5.9E-08	1.7E-08	1.5E-08	0.0E+00	4.4E-07
780	UCART1	593167.59	4123639.92	593167.59, 4123639.92	0.80322	1.20033	0.61809	0.40264	0.45322	1.08E-03	1.47E-03	6.81E-04	8.82E-06	2.58E-05	1.13E-06	3.30E-06	4.24E-06	1.24E-05	1.12E-03	1.47E-03	6.97E-04	3.29E-03	3.9E-07	1.2E-06	6.8E-07	8.9E-07	4.2E-07	3.8E-07	1.7E-07	1.3E-08	3.1E-07	8.6E-08	6.0E-08	1.8E-08	1.5E-08	0.0E+00	5.0E-07
781	UCART1	593207.59	4123639.92	593207.59, 4123639.92	0.92497	1.19419	0.6244	0.32301	0.42431	1.25E-03	1.46E-03	6.88E-04	7.08E-06	2.42E-05	9.03E-07	3.08E-06	3.40E-06	1.16E-05	1.28E-03	1.46E-03	7.03E-04	3.45E-03	4.4E-07	1.3E-06	7.7E-07	8.9E-07	4.3E-07	3.9E-07	1.8E-07	1.5E-08	3.6E-07	9.8E-08	6.0E-08	1.8E-08	1.5E-08	0.0E+00	5.6E-07
782	UCART1	593247.59	4123639.92	593247.59, 4123639.92	1.03504	1.15997	0.62022	0.2652	0.40044	1.40E-03	1.42E-03	6.83E-04	5.81E-06	2.28E-05	7.41E-07	2.91E-06	2.79E-06	1.10E-05	1.42E-03	1.42E-03	6.97E-04	3.54E-03	4.9E-07	1.5E-06	8.6E-07	8.6E-07	4.2E-07	3.8E-07	1.7E-07	1.6E-08	4.0E-07	1.1E-07	5.8E-08	1.8E-08	1.5E-08	0.0E+00	6.2E-07
783	UCART1	593287.59	4123639.92	593287.59, 4123639.92	1.12251	1.08069	0.60863	0.22192	0.38022	1.51E-03	1.32E-03	6.70E-04	4.86E-06	2.17E-05	6.20E-07	2.76E-06	2.34E-06	1.04E-05	1.54E-03	1.33E-03	6.83E-04	3.55E-03	5.3E-07	1.6E-06	9.3E-07	8.0E-07	4.1E-07	3.7E-07	1.7E-07	1.8E-08	4.3E-07	1.2E-07	5.4E-08	1.8E-08	1.5E-08	0.0E+00	6.5E-07
784	UCART1	593327.59	4123639.92	593327.59, 4123639.92	1.17843	0.93445	0.58882	0.18856	0.36253	1.59E-03	1.14E-03	6.49E-04	4.13E-06	2.07E-05	5.27E-07	2.64E-06	1.99E-06	9.93E-06	1.61E-03	1.15E-03	6.60E-04	3.42E-03	5.6E-07	1.7E-06	9.8E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	1.9E-08	4.5E-07	1.2E-07	4.7E-08	1.7E-08	1.4E-08	0.0E+00	6.7E-07
785	UCART1	593367.59	4123639.92	593367.59, 4123639.92	1.19312	0.76388	0.56027	0.16239	0.3462	1.61E-03	9.35E-04	6.17E-04	3.56E-06	1.97E-05	4.54E-07	2.52E-06	1.71E-06	9.49E-06	1.63E-03	9.37E-04	6.28E-04	3.20E-03	5.7E-07	1.7E-06	9.9E-07	5.7E-07	3.8E-07	3.4E-07	1.6E-07	1.9E-08	4.6E-07	1.3E-07	3.9E-08	1.6E-08	1.4E-08	0.0E+00	6.7E-07
786	UCART1	593407.59	4123639.92	593407.59, 4123639.92	1.16279	0.62379	0.52088	0.14145	0.33015	1.57E-03	7.63E-04	5.74E-04	3.10E-06	1.88E-05	3.95E-07	2.40E-06	1.49E-06	9.05E-06	1.59E-03	7.66E-04	5.84E-04	2.94E-03	5.5E-07	1.7E-06	9.6E-07	4.6E-07	3.5E-07	3.2E-07	1.5E-07	1.8E-08	4.4E-07	1.2E-07	3.1E-08	1.5E-08	1.3E-08	0.0E+00	6.4E-07
787	UCART1	593447.59	4123639.92	593447.59, 4123639.92	1.0984	0.51711	0.47232	0.12447	0.31336	1.48E-03	6.33E-04	5.20E-04	2.73E-06	1.79E-05	3.48E-07	2.28E-06	1.31E-06	8.59E-06	1.50E-03	6.35E-04	5.30E-04	2.67E-03	5.2E-07	1.6E-06	9.1E-07	3.8E-07	3.2E-07	2.9E-07	1.3E-07	1.7E-08	4.2E-07	1.2E-07	2.6E-08	1.4E-08	1.2E-08	0.0E+00	6.0E-07
788	UCART1	593487.59	4123639.92	593487.59, 4123639.92	1.01009	0.42687	0.41905	0.11052	0.29553	1.36E-03	5.22E-04	4.62E-04	2.42E-06	1.68E-05	3.09E-07	2.15E-06	1.16E-06	8.10E-06	1.38E-03	5.25E-04	4.71E-04	2.38E-03	4.8E-07	1.4E-06	8.4E-07	3.2E-07	2.8E-07	2.6E-07	1.2E-07	1.6E-08	3.9E-07	1.1E-07	2.2E-08	1.2E-08	1.0E-08	0.0E+00	5.5E-07
789	UCART1	593527.59	4123639.92	593527.59, 4123639.92	0.90649	0.35409	0.36749	0.09894	0.27661	1.22E-03	4.33E-04	4.05E-04	2.17E-06	1.58E-05	2.77E-07	2.01E-06	1.04E-06	7.58E-06	1.24E-03	4.35E-04	4.13E-04	2.09E-03	4.3E-07	1.3E-06	7.5E-07	2.6E-07	2.5E-07	2.3E-07	1.0E-07	1.4E-08	3.5E-07	9.6E-08	1.8E-08	1.1E-08	9.0E-09	0.0E+00	4.9E-07
790	UCART1	593567.59	4123639.92	593567.59, 4123639.92	0.797	0.29763	0.32172	0.08921	0.25725	1.07E-03	3.64E-04	3.54E-04	1.95E-06	1.47E-05	2.49E-07	1.87E-06	9.40E-07	7.05E-06	1.09E-03	3.66E-04	3.62E-04	1.82E-03	3.8E-07	1.1E-06	6.6E-07	2.2E-07	2.2E-07	2.0E-07	9.1E-08	1.3E-08	3.0E-07	8.4E-08	1.5E-08	9.3E-09	7.9E-09	0.0E+00	4.3E-07
791	UCART1	593607.59	4123639.92	593607.59, 4123639.92	0.68856	0.2541	0.28283	0.08097	0.23761	9.29E-04	3.11E-04	3.12E-04	1.77E-06	1.35E-05	2.26E-07	1.73E-06	8.53E-07	6.51E-06	9.44E-04	3.13E-04	3.19E-04	1.58E-03	3.3E-07	9.9E-07	5.7E-07	1.9E-07	1.9E-07	1.7E-07	8.0E-08	1.1E-08	2.6E-07	7.3E-08	1.3E-08	8.2E-09	6.9E-09	0.0E+00	3.8E-07
792	UCART1	593647.59	4123639.92	593647.59, 4123639.92	0.58464	0.21962	0.24956	0.07392	0.21666	7.88E-04	2.69E-04	2.75E-04	1.62E-06	1.23E-05	2.07E-07	1.58E-06	7.79E-07	5.94E-06	8.02E-04	2.70E-04	2.82E-04	1.35E-03	2.8E-07	8.4E-07	4.9E-07	1.6E-07	1.7E-07	1.5E-07	7.0E-08	9.3E-09	2.2E-07	6.2E-08	1.1E-08	7.2E-09	6.1E-09	0.0E+00	3.2E-07
793	UCART1	593687.59	4123639.92	593687.59, 4123639.92	0.49094	0.1918	0.22075	0.0679	0.19459	6.62E-04	2.35E-04	2.43E-04	1.49E-06	1.11E-05	1.90E-07	1.41E-06	7.15E-07	5.33E-06	6.75E-04	2.36E-04	2.49E-04	1.16E-03	2.3E-07	7.1E-07	4.1E-07	1.4E-07	1.5E-07	1.4E-07	6.2E-08	7.8E-09	1.9E-07	5.2E-08	9.7E-09	6.4E-09	5.4E-09	0.0E+00	2.7E-07
794	UCART1	593727.59	4123639.92	593727.59, 4123639.92	0.41101	0.16852	0.19531	0.06263	0.17266	5.54E-04	2.06E-04	2.15E-04	1.37E-06	9.84E-06	1.75E-07	1.26E-06	6.60E-07	4.73E-06	5.65E-04	2.08E-04	2.21E-04	9.94E-04	2.0E-07	5.9E-07	3.4E-07	1.3E-07	1.3E-07	1.2E-07	5.5E-08	6.5E-09	1.6E-07	4.4E-08	8.5E-09	5.7E-09	4.8E-09	0.0E+00	2.3E-07
795	UCART1	593767.59	4123639.92	593767.59, 4123639.92	0.3466	0.14902	0.1736	0.05806	0.15344	4.67E-04	1.82E-04	1.91E-04	1.27E-06	8.75E-06	1.62E-07	1.12E-06	6.12E-07	4.20E-06	4.77E-04	1.84E-04	1.96E-04	8.57E-04	1.7E-07	5.0E-07	2.9E-07	1.1E-07	1.2E-07	1.1E-07	4.9E-08	5.5E-09	1.3E-07	3.7E-08	7.5E-09	5.0E-09	4.3E-09	0.0E+00	1.9E-07
796	UCART1	593807.59	4123639.92	593807.59, 4123639.92	0.29428	0.13238	0.15519	0.05401	0.13737	3.97E-04	1.62E-04	1.71E-04	1.18E-06	7.83E-06	1.51E-07	9.99E-07	5.69E-07	3.76E-06	4.06E-04	1.63E-04	1.75E-04	7.44E-04	1.4E-07	4.2E-07	2.5E-07	9.9E-08	1.1E-07	9.6E-08	4.4E-08	4.7E-09	1.1E-07	3.1E-08	6.7E-09	4.5E-09	3.8E-09	0.0E+00	1.6E-07
797	UCART1	593847.59	4123639.92	593847.59, 4123639.92	0.25152	0.1182	0.13976	0.05045	0.12353	3.39E-04	1.45E-04	1.54E-04	1.11E-06	7.04E-06	1.41E-07	8.98E-07	5.32E-07	3.39E-06	3.47E-04	1.46E-04	1.58E-04	6.51E-04	1.2E-07	3.6E-07	2.1E-07	8.8E-08	9.6E-08	8.7E-08	4.0E-08	4.0E-09	9.7E-08	2.7E-08	6.0E-09	4.1E-09	3.4E-09	0.0E+00	1.4E-07
798	UCART1	593887.59	4123639.92	593887.59, 4123639.92	0.21611	0.10582	0.12636	0.04723	0.11098	2.91E-04	1.29E-04	1.39E-04	1.04E-06	6.33E-06	1.32E-07	8.07E-07	4.98E-07	3.04E-06	2.99E-04	1.30E-04	1.43E-04	5.72E-04	1.0E-07	3.1E-07	1.8E-07	7.9E-08	8.6E-08	7.8E-08	3.6E-08	3.5E-09	8.3E-08	2.3E-08	5.4E-09	3.7E-09	3.1E-09	0.0E+00	1.2E-07
799	UCART1	593927.59	4123639.92	593927.59, 4123639.92	0.18773	0.09528	0.11494	0.04442	0.10022	2.53E-04	1.17E-04	1.27E-04	9.73E-07	5.71E-06	1.24E-07	7.29E-07	4.68E-07	2.75E-06	2.60E-04	1.17E-04	1.30E-04	5.07E-04	9.0E-08	2.7E-07	1.6E-07	7.1E-08	7.9E-08	7.1E-08	3.2E-08	3.0E-09	7.3E-08	2.0E-08	4.8E-09	3.3E-09	2.8E-09	0.0E+00	1.1E-07
800	UCART1	593967.59	4123639.92	593967.59, 4123639.92	0.16418	0.08603	0.1047	0.04186	0.0909	2.21E-04	1.05E-04	1.15E-04	9.17E-07	5.18E-06	1.17E-07	6.61E-07	4.41E-07	2.49E-06	2.28E-04	1.06E-04	1.18E-04	4.52E-04	7.9E-08	2.4E-07	1.4E-07	6.4E-08	7.2E-08	6.5E-08	3.0E-08	2.6E-09	6.4E-08	1.8E-08	4.4E-09	3.0E-09	2.6E-09	0.0E+00	9.4E-08
801	UCART1	594007.59	4123639.92	594007.59, 4123639.92	0.14485	0.0781	0.09569	0.03959	0.08308	1.95E-04	9.55E-05	1.05E-04	8.68E-07	4.74E-06	1.11E-07	6.04E-07	4.17E-07	2.28E-06	2.01E-04	9.63E-05	1.08E-04	4.05E-04	7.0E-08	2.1E-07	1.2E-07	5.8E-08	6.5E-08	5.9E-08	2.7E-08	2.3E-09	5.6E-08	1.5E-08	4.0E-09	2.8E-09	2.4E-09	0.0E+00	8.3E-08
802	UCART1	593087.59	4123679.92	593087.59, 4123679.92	0.54555	0.83952	0.47855	0.51092	0.42497	7.36E-04	1.03E-03	5.27E-04	1.12E-05	2.42E-05	1.43E-06	3.09E-06	5.38E-06	1.16E-05	7.71E-04	1.03E-03	5.44E-04	2.35E-03	2.7E-07	8.1E-07	4.7E-07	6.2E-07	3.3E-07	3.0E-07	1.4E-07	8.9E-09	2.2E-07	5.9E-08	4.2E-08	1.4E-08	1.2E-08	0.0E+00	3.5E-07
803	UCART1	593127.59	4123679.92	593127.59, 4123679.92	0.62028	0.84807	0.48948	0.40533	0.39693	8.36E-04	1.04E-03	5.39E-04	8.88E-06	2.26E-05	1.13E-06	2.89E-06	4.27E-06	1.09E-05	8.68E-04	1.04E-03	5.54E-04	2.46E-03	3.0E-07	9.1E-07	5.3E-07	6.3E-07	3.4E-07	3.0E-07	1.4E-07	1.0E-08	2.4E-07	6.7E-08	4.3E-08	1.4E-08	1.2E-08	0.0E+00	3.9E-07
804	UCART1	593167.59	4123679.92	593167.59, 4123679.92	0.69643	0.83745	0.4952	0.33053	0.37289	9.39E-04	1.02E-03	5.45E-04	7.24E-06	2.13E-05	9.24E-07	2.71E-06	3.48E-06	1.02E-05	9.68E-04	1.03E-03	5.59E-04	2.55E-03	3.3E-07	1.0E-06	5.9E-07	6.2E-07	3.4E-07	3.1E-07	1.4E-07	1.1E-08	2.7E-07	7.5E-08	4.2E-08	1.4E-08	1.2E-08	0.0E+00	4.2E-07
805	UCART1	593207.59	4123679.92	593207.59, 4123679.92	0.76383	0.82019	0.49319	0.27392	0.35232	1.03E-03	1.00E-03	5.43E-04	6.00E-06	2.01E-05	7.66E-07	2.56E-06	2.89E-06	9.65E-06	1.06E-03	1.01E-03	5.56E-04	2.62E-03	3.7E-07	1.1E-06	6.4E-07	6.1E-07	3.4E-07	3.0E-07	1.4E-07	1.2E-08	2.9E-07	8.1E-08	4.1E-08	1.4E-08	1.2E-08	0.0E+00	4.6E-07
806	UCART1	593247.59	4123679.92	593247.59, 4123679.92	0.81591	0.79529	0.48493	0.23017	0.33444	1.10E-03	9.73E-04	5.34E-04	5.04E-06	1.91E-05	6.43E-07	2.43E-06	2.42E-06	9.16E-06	1.12E-03	9.76E-04	5.46E-04	2.65E-03	3.9E-07	1.2E-06	6.8E-07	5.9E-07	3.3E-07	3.0E-07	1.4E-07	1.3E-08	3.1E-07	8.7E-08	4.0E-08	1.4E-08	1.2E-08	0.0E+00	4.8E-07
807	UCART1	593287.59	4123679.92	593287.59, 4123679.92	0.85283	0.73688	0.47393	0.19684	0.31841	1.15E-03	9.01E-04	5.22E-04	4.31E-06	1.81E-05	5.50E-07	2.31E-06	2.07E-06	8.73E-06	1.17E-03	9.04E-04	5.33E-04	2.61E-03	4.1E-07	1.2E-06	7.1E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	1.4E-08	3.3E-07	9.0E-08	3.7E-08	1.4E-08	1.2E-08	0.0E+00	4.9E-07
808	UCART1	593327.59	4123679.92	593327.59, 4123679.92	0.86904	0.64619	0.45767	0.16971	0.30334	1.17E-03	7.91E-04	5.04E-04	3.72E-06	1.73E-05	4.74E-07	2.21E-06	1.79E-06	8.31E-06	1.19E-03	7.93E-04	5.14E-04	2.50E-03	4.1E-07	1.2E-06	7.2E-07	4.8E-07	3.1E-07	2.8E-07	1.3E-07	1.4E-08	3.3E-07	9.2E-08	3.3E-08	1.3E-08	1.1E-08	0.0E+00	5.0E-07
809	UCART1	593367.59	4123679.92	593367.59, 4123679.92	0.86146	0.54463	0.43531	0.14784	0.2886	1.16E-03	6.66E-04	4.79E-04	3.24E-06	1.65E-05	4.13E-07	2.10E-06	1.56E-06	7.91E-06	1.18E-03	6.69E-04	4.89E-04	2.34E-03	4.1E-07	1.2E-06	7.1E-07	4.0E-07	3.0E-07	2.7E-07	1.2E-07	1.4E-08	3.3E-07	9.1E-08	2.7E-08	1.3E-08	1.1E-08	0.0E+00	4.9E-07
810	UCART1	593407.59	4123679.92	593407.59, 4123679.92	0.83037	0.45828	0.40587	0.13	0.27363	1.12E-03	5.61E-04	4.47E-04	2.85E-06	1.56E-05	3.63E-07	1.99E-06	1.37E-06	7.50E-06	1.14E-03	5.63E-04	4.56E-04	2.16E-03	3.9E-07	1.2E-06	6.9E-07	3.4E-07	2.8E-07	2.5E-07	1.1E-07	1.3E-08	3.2E-07	8.8E-08	2.3E-08	1.2E-08	9.9E-09	0.0E+00	4.6E-07
811	UCART1	593447.59	4123679.92	593447.59, 4123679.92	0.78113	0.39607	0.3701	0.11529	0.25825	1.05E-03	4.85E-04	4.08E-04	2.53E-06	1.47E-05	3.22E-07	1.88E-06	1.21E-06	7.08E-06	1.07E-03	4.87E-04	4.16E-04	1.97E-03	3.7E-07	1.1E-06	6.5E-07	2.9E-07	2.5E-07	2.3E-07	1.0E-07	1.2E-08	3.0E-07	8.2E-08	2.0E-08	1.1E-08	9.1E-09	0.0E+00	4.3E-07
812	UCART1	593487.59	4123679.92	593487.59, 4123679.92	0.71986	0.3399	0.33151	0.10302	0.24238	9.71E-04	4.16E-04	3.65E-04	2.26E-06	1.38E-05	2.88E-07	1.76E-06	1.09E-06	6.64E-06	9.87E-04	4.18E-04	3.73E-04	1.78E-03	3.4E-07	1.0E-06	6.0E-07	2.5E-07	2.3E-07	2.0E-07	9.3E-08	1.1E-08	2.8E-07	7.6E-08	1.7E-08	9.6E-09	8.1E-09	0.0E+00	4.0E-07
813	UCART1	593527.59	4123679.92	593527.59, 4123679.92	0.65186	0.28909	0.29453	0.09272	0.22665	8.79E-04	3.54E-04	3.24E-04	2.03E-06	1.29E-05	2.59E-07	1.65E-06	9.77E-07	6.21E-06	8.94E-04	3.56E-04	3.32E-04	1.58E-03	3.1E-07	9.3E-07	5.4E-07	2.2E-07	2.0E-07	1.8E-07	8.3E-08	1.0E-08	2.5E-07	6.9E-08	1.5E-08	8.5E-09	7.2E-09	0.0E+00	3.6E-07
814	UCART1	593567.59	4123679.92	593567.59, 4123679.92	0.58074	0.24706	0.26155	0.08395	0.21097	7.83E-04	3.02E-04	2.88E-04	1.84E-06	1.20E-05	2.35E-07	1.53E-06	8.84E-07	5.78E-06	7.97E-04	3.04E-04	2.95E-04	1.40E-03	2.8E-07	8.3E-07	4.8E-07	1.8E-07	1.8E-07	1.6E-07	7.4E-08	9.2E-09	2.2E-07	6.1E-08	1.2E-08	7.6E-09	6.4E-09	0.0E+00	3.2E-07
815	UCART1	593607.59	4123679.92	593607.59, 4123679.92	0.51019	0.21424	0.23345	0.0765	0.19534	6.88E-04	2.62E-04	2.57E-04	1.68E-06	1.11E-05	2.14E-07	1.42E-06	8.06E-07	5.35E-06	7.01E-04	2.64E-04	2.63E-04	1.23E-03	2.4E-07	7.3E-07	4.2E-07	1.6E-07	1.6E-07	1.4E-07	6.6E-08	8.1E-09	2.0E-07	5.4E-08	1.1E-08	6.8E-09	5.7E-09	0.0E+00	2.8E-07
816	UCART1	593647.59	4123679.92	593647.59, 4123679.92	0.44225	0.18853	0.20931	0.07009	0.179	5.96E-04	2.31E-04	2.31E-04	1.54E-06	1.02E-05	1.96E-07	1.30E-06	7.38E-07	4.91E-06	6.08E-04	2.32E-04	2.36E-04	1.08E-03	2.1E-07	6.4E-07	3.7E-07	1.4E-07	1.4E-07	1.3E-07	5.9E-08	7.0E-09	1.7E-07	4.7E-08	9.5E-09	6.1E-09	5.1E-09	0.0E+00	2.4E-07
817	UCART1	593687.59	4123679.92	593687.59, 4123679.92	0.38011	0.16769	0.18791	0.06454	0.16217	5.13E-04	2.05E-04	2.07E-04	1.41E-06	9.24E-06	1.80E-07	1.18E-06	6.80E-07	4.44E-06	5.23E-04	2.07E-04	2.12E-04	9.42E-04	1.8E-07	5.5E-07	3.2E-07	1.2E-07	1.3E-07	1.2E-07	5.3E-08	6.0E-09	1.5E-07	4.0E-08	8.5E-09	5.4E-09	4.6E-09	0.0E+00	2.1E-07
818	UCART1	593727.59	4123679.92	593727.59, 4123679.92	0.32648	0.1501	0.16865	0.0597	0.14591	4.40E-04	1.84E-04	1.86E-04	1.31E-06	8.32E-06	1.67E-07	1.06E-06	6.29E-07	4.00E-06	4.50E-04	1.85E-04	1.90E-04	8.25E-04	1.6E-07	4.7E-07	2.7E-07	1.1E-07	1.2E-07	1.0E-07	4.8E-08	5.2E-09	1.3E-07	3.5E-08	7.6E-09	4.9E-09	4.1E-09	0.0E+00	1.8E-07
819	UCART1	593767.59	4123679.92	593767.59, 4123679.92	0.28195	0.13489	0.15154	0.05546	0.13141	3.80E-04	1.65E-04	1.67E-04	1.22E-06	7.49E-06	1.55E-07	9.55E-07	5.84E-07	3.60E-06	3.89E-04	1.66E-04	1.71E-04	7.26E-04	1.3E-07	4.1E-07	2.4E-07	1.0E-07	1.0E-07	9.4E-08	4.3E-08	4.5E-09	1.1E-07	3.0E-08	6.8E-09	4.4E-09	3.7E-09	0.0E+00	1.6E-07
820	UCART1	593807.59	4123679.92	593807.59, 4123679.92	0.24484	0.12154	0.13665	0.05168	0.11908	3.30E-04	1.49E-04	1.51E-04	1.13E-06	6.79E-06	1.44E-07	8.66E-07	5.44E-07	3.26E-06	3.38E-04	1.50E-04	1.54E-04	6.42E-04	1.2E-07	3.5E-07	2.0E-07	9.1E-08	9.3E-08	8.5E-08	3.9E-08	3.9E-09	9.4E-08	2.6E-08	6.1E-09	4.0E-09	3.4E-09	0.0E+00	1.4E-07
821	UCART1	593847.59	4123679.92	593847.59, 4123679.92	0.21377	0.10995	0.12411	0.04837	0.10855	2.88E-04	1.35E-04	1.37E-04	1.06E-06	6.19E-06	1.35E-07	7.89E-07	5.10E-07	2.97E-06	2.96E-04	1.35E-04	1.40E-04	5.71E-04	1.0E-07	3.1E-07	1.8E-07	8.2E-08	8.5E-08	7.7E-08	3.5E-08	3.4E-09	8.3E-08	2.3E-08	5.6E-09	3.6E-09	3.1E-09	0.0E+00	1.2E-07
822	UCART1	593887.59	4123679.92	593887.59, 4123679.92	0.18709	0.09958	0.1132	0.04536	0.09885	2.52E-04	1.22E-04	1.25E-04	9.94E-07	5.63E-06	1.27E-07	7.19E-07	4.78E-07	2.71E-06	2.59E-04	1.23E-04	1.28E-04	5.09E-04	9.0E-08	2.7E-07	1.6E-07	7.4E-08	7.7E-08	7.0E-08	3.2E-08	3.0E-09	7.2E-08	2.0E-08	5.0E-09	3.3E-09	2.8E-09	0.0E+00	1.1E-07
823	UCART1	593927.59	4123679.92	593927.59, 4123679.92	0.16509	0.09058	0.10396	0.04273	0.09027	2.23E-04	1.11E-04	1.15E-04	9.36E-07	5.15E-06	1.19E-07	6.56E-07	4.50E-07	2.47E-06	2.29E-04	1.12E-04	1.17E-04	4.58E-04	7.9E-08	2.4E-07	1.4E-07	6.8E-08	7.1E-08	6.4E-08	2.9E-08	2.6E-09	6.4E-08	1.8E-08	4.6E-09	3.0E-09	2.6E-09	0.0E+00	9.4E-08
824	UCART1	593967.59	4123679.92	593967.59, 4123679.92	0.14643	0.08249	0.09567	0.04033	0.08259	1.97E-04	1.01E-04	1.05E-04	8.84E-07	4.71E-06	1.13E-07	6.00E-07	4.25E-07	2.26E-06	2.03E-04	1.02E-04	1.08E-04	4.13E-04	7.0E-08	2.1E-07	1.2E-07	6.1E-08	6.5E-08	5.9E-08	2.7E-08	2.3E-09	5.7E-08	1.6E-08	4.2E-09	2.8E-09	2.4E-09	0.0E+00	8.4E-08
825	UCART1	594007.59	4123679.92	594007.59, 4123679.92	0.13083	0.07537	0.08831	0.03818	0.07602	1.76E-04	9.22E-05	9.73E-05	8.37E-07	4.33E-06	1.07E-07	5.53E-07	4.02E-07	2.08E-06	1.82E-04	9.29E-05	9.98E-05	3.74E-04	6.3E-08	1.9E-07	1.1E-07	5.6E-08	6.0E-08	5.5E-08	2.5E-08	2.1E-09	5.1E-08	1.4E-08	3.8E-09	2.6E-09	2.2E-09	0.0E+00	7.5E-08
826	UCART1	593087.59	4123719.92	593087.59, 4123719.92	0.49836	0.63885	0.4021	0.39365	0.34723	6.72E-04	7.82E-04	4.43E-04	8.63E-06	1.98E-05	1.10E-06	2.52E-06	4.15E-06	9.52E-06	7.00E-04	7.85E-04	4.57E-04	1.94E-03	2.4E-07	7.3E-07	4.2E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	8.1E-09	2.0E-07	5.4E-08	3.2E-08	1.2E-08	9.9E-09	0.0E+00	3.1E-07
827	UCART1	593127.59	4123719.92	593127.59, 4123719.92	0.54791	0.62692	0.40543	0.32632	0.3285	7.39E-04	7.67E-04	4.47E-04	7.15E-06	1.87E-05	9.12E-07	2.39E-06	3.44E-06	9.00E-06	7.65E-04	7.70E-04	4.59E-04	1.99E-03	2.6E-07	8.0E-07	4.6E-07	4.7E-07	2.8E-07	2.5E-07	1.1E-07	8.8E-09	2.1E-07	5.9E-08	3.2E-08	1.2E-08	1.0E-08	0.0E+00	3.3E-07
828	UCART1	593167.59	4123719.92	593167.59, 4123719.92	0.59139	0.61226	0.40349	0.27455	0.31135	7.98E-04	7.49E-04	4.44E-04	6.02E-06	1.77E-05	7.67E-07	2.26E-06	2.89E-06	8.53E-06	8.21E-04	7.52E-04	4.56E-04	2.03E-03	2.8E-07	8.6E-07	5.0E-07	4.6E-07	2.8E-07	2.5E-07	1.1E-07	9.5E-09	2.3E-07	6.3E-08	3.1E-08	1.2E-08	9.9E-09	0.0E+00	3.5E-07
829	UCART1	593207.59	4123719.92	593207.59, 4123719.92	0.62516	0.60219	0.39749	0.23416	0.29592	8.43E-04	7.37E-04	4.38E-04	5.13E-06	1.69E-05	6.55E-07	2.15E-06	2.47E-06	8.11E-06	8.65E-04	7.40E-04	4.48E-04	2.05E-03	3.0E-07	9.0E-07	5.2E-07	4.5E-07	2.7E-07	2.5E-07	1.1E-07	1.0E-08	2.4E-07	6.7E-08	3.0E-08	1.2E-08	9.8E-09	0.0E+00	3.7E-07
830	UCART1	593247.59	4123719.92	593247.59, 4123719.92	0.64802	0.58221	0.38908	0.20151	0.28181	8.74E-04	7.12E-04	4.29E-04	4.42E-06	1.61E-05	5.63E-07	2.05E-06	2.12E-06	7.72E-06	8.94E-04	7.15E-04	4.38E-04	2.05E-03	3.1E-07	9.3E-07	5.4E-07	4.3E-07	2.7E-07	2.4E-07	1.1E-07	1.0E-08	2.5E-07	6.9E-08	2.9E-08	1.1E-08	9.5E-09	0.0E+00	3.8E-07
831	UCART1	593287.59	4123719.92	593287.59, 4123719.92	0.66018	0.53555	0.37898	0.17504	0.26849	8.90E-04	6.55E-04	4.17E-04	3.84E-06	1.53E-05	4.89E-07	1.95E-06	1.84E-06	7.36E-06	9.09E-04	6.58E-04	4.27E-04	1.99E-03	3.1E-07	9.5E-07	5.5E-07	4.0E-07	2.6E-07	2.3E-07	1.1E-07	1.1E-08	2.5E-07	7.0E-08	2.7E-08	1.1E-08	9.3E-09	0.0E+00	3.8E-07
832	UCART1	593327.59	4123719.92	593327.59, 4123719.92	0.6599	0.47613	0.3658	0.15327	0.25549	8.90E-04	5.82E-04	4.03E-04	3.36E-06	1.46E-05	4.25E-07	1.86E-06	1.61E-06	7.00E-06	9.08E-04	5.85E-04	4.12E-04	1.90E-03	3.1E-07	9.6E-07	5.5E-07	3.8E-07	2.5E-07	2.2E-07	1.0E-07	1.1E-08	2.5E-07	6.9E-08	2.5E-08	1.0E-08	9.0E-09	0.0E+00	3.7E-07
833	UCART1	593367.59	4123719.92	593367.59, 4123719.92	0.64549	0.41066	0.34798	0.13523	0.24251	8.70E-04	5.02E-04	3.83E-04	2.96E-06	1.38E-05	3.73E-07	1.76E-06	1.41E-06	6.65E-06	8.87E-04	5.06E-04	3.92E-04	1.78E-03	3.1E-07	9.4E-07	5.4E-07	3.3E-07	2.4E-07	2.1E-07	9.6E-08	1.0E-08	2.4E-07	6.8E-08	2.2E-08	9.8E-09	8.5E-09	0.0E+00	3.6E-07
834	UCART1	593407.59	4123719.92	593407.59, 4123719.92	0.61809	0.35095	0.32515	0.12013	0.22929	8.33E-04	4.29E-04	3.58E-04	2.63E-06	1.31E-05	3.28E-07	1.67E-06	1.26E-06	6.29E-06	8.49E-04	4.31E-04	3.66E-04	1.65E-03	3.0E-07	9.0E-07	5.2E-07	2.8E-07	2.3E-07	2.0E-07	9.1E-08	9.8E-09	2.3E-07	6.5E-08	1.9E-08	9.3E-09	8.0E-09	0.0E+00	3.4E-07
835	UCART1	593447.59	4123719.92	593447.59, 4123719.92	0.58088	0.31068	0.29805	0.10743	0.21604	7.83E-04	3.80E-04	3.28E-04	2.35E-06	1.23E-05	3.00E-07	1.57E-06	1.13E-06	5.92E-06	7.96E-04	3.82E-04	3.35E-04	1.52E-03	2.8E-07	8.5E-07	4.9E-07	2.5E-07	2.1E-07	1.9E-07	8.5E-08	9.2E-09	2.2E-07	6.1E-08	1.7E-08	8.7E-09	7.5E-09	0.0E+00	3.2E-07
836	UCART1	593487.59	4123719.92	593487.59, 4123719.92	0.53748	0.27628	0.26922	0.09665	0.20283	7.25E-04	3.38E-04	2.97E-04	2.12E-06	1.16E-05	2.70E-07	1.47E-06	1.02E-06	5.56E-06	7.39E-04	3.39E-04	3.02E-04	1.38E-03	2.6E-07	7.9E-07	4.6E-07	2.2E-07	2.0E-07	1.8E-07	7.9E-08	8.6E-09	2.0E-07	5.6E-08	1.5E-08	8.1E-09	7.0E-09	0.0E+00	2.9E-07
837	UCART1	593527.59	4123719.92	593527.59, 4123719.92	0.49059	0.24127	0.24161	0.08744	0.18993	6.62E-04	2.95E-04	2.66E-04	1.91E-06	1.08E-05	2.46E-07	1.38E-06	9.25E-07	5.21E-06	6.74E-04	2.97E-04	2.71E-04	1.24E-03	2.4E-07	7.2E-07	4.2E-07	1.9E-07	1.8E-07	1.6E-07	7.2E-08	7.9E-09	1.8E-07	5.1E-08	1.4E-08	7.6E-09	6.5E-09	0.0E+00	2.6E-07
838	UCART1	593567.59	4123719.92	593567.59, 4123719.92	0.44221	0.20941	0.21708	0.07957	0.17738	5.96E-04	2.56E-04	2.39E-04	1.74E-06	1.01E-05	2.22E-07	1.29E-06	8.38E-07	4.86E-06	6.08E-04	2.58E-04	2.44E-04	1.11E-03	2.1E-07	6.4E-07	3.7E-07	1.7E-07	1.6E-07	1.4E-07	6.5E-08	7.1E-09	1.6E-07	4.6E-08	1.2E-08	7.0E-09	6.0E-09	0.0E+00	2.3E-07
839	UCART1	593607.59	4123719.92	593607.59, 4123719.92	0.39342	0.183	0.19596	0.07276	0.16462	5.31E-04	2.24E-04	2.16E-04	1.59E-06	9.38E-06	2.03E-07	1.20E-06	7.67E-07	4.51E-06	5.40E-04	2.26E-04	2.20E-04	9.86E-04	1.9E-07	5.6E-07	3.3E-07	1.5E-07	1.4E-07	1.3E-07	5.8E-08	6.4E-09	1.5E-07	4.2E-08	1.1E-08	6.4E-09	5.5E-09	0.0E+00	2.1E-07
840	UCART1	593647.59	4123719.92	593647.59, 4123719.92	0.34663	0.16237	0.17798	0.0669	0.15165	4.67E-04	1.99E-04	1.96E-04	1.47E-06	8.64E-06	1.87E-07	1.10E-06	7.05E-07	4.16E-06	4.76E-04	2.01E-04	2.00E-04	8.78E-04	1.7E-07	5.0E-07	2.9E-07	1.3E-07	1.3E-07	1.2E-07	5.2E-08	5.9E-09	1.3E-07	3.8E-08	1.0E-08	5.9E-09	5.0E-09	0.0E+00	1.8E-07
841	UCART1	593687.59	4123719.92	593687.59, 4123719.92	0.30341	0.14601	0.16189	0.06176	0.13851	4.09E-04	1.79E-04	1.78E-04	1.35E-06	7.90E-06	1.73E-07	1.01E-06	6.51E-07	3.80E-06	4.18E-04	1.80E-04	1.82E-04	7.80E-04	1.5E-07	4.4E-07	2.6E-07	1.2E-07	1.1E-07	1.0E-07	4.6E-08	5.4E-09	1.2E-07	3.4E-08	9.1E-09	5.4E-09	4.7E-09	0.0E+00	1.6E-07
842	UCART1	593727.59	4123719.92	593727.59, 4123719.92	0.26549	0.13247	0.14704	0.05724	0.12589	3.58E-04	1.62E-04	1.62E-04	1.25E-06	7.18E-06	1.60E-07	9.15E-07	6.03E-07	3.45E-06	3.66E-04	1.64E-04	1.66E-04	6.96E-04	1.3E-07	3.9E-07	2.3E-07	1.1E-07	9.9E-08	9.1E-08	4.2E-08	4.9E-09	1.1E-07	3.1E-08	8.2E-09	4.9E-09	4.3E-09	0.0E+00	1.4E-07
843	UCART1	593767.59	4123719.92	593767.59, 4123719.92	0.23356	0.12085	0.13354	0.05328	0.1146	3.15E-04	1.48E-04	1.47E-04	1.17E-06	6.53E-06	1.49E-07	8.33E-07	5.61E-07	3.14E-06	3.23E-04	1.49E-04	1.51E-04	6.22E-04	1.1E-07	3.4E-07	2.0E-07	9.7E-08	9.1E-08	8.3E-08	3.8E-08	4.5E-09	1.0E-07	2.9E-08	8.0E-09	3.9E-09	3.3E-09	0.0E+00	1.3E-07

CONSTRUCTION RISK (UNMITIGATED)

844	UCART1	593807.59	4123719.92	593807.59, 4123719.92	0.20648	0.11046	0.1214	0.04974	0.10484	2.78E-04	1.35E-04	1.34E-04	1.09E-06	5.98E-06	1.39E-07	7.62E-07	5.24E-07	2.87E-06	2.86E-04	1.36E-04	1.37E-04	5.59E-04	9.9E-08	3.0E-07	1.7E-07	8.2E-08	8.3E-08	7.5E-08	3.4E-08	3.3E-09	8.0E-08	2.2E-08	5.6E-09	3.5E-09	3.0E-09	0.0E+00	1.2E-07
845	UCART1	593847.59	4123719.92	593847.59, 4123719.92	0.18325	0.10118	0.11088	0.04659	0.09646	2.47E-04	1.24E-04	1.22E-04	1.02E-06	5.50E-06	1.30E-07	7.01E-07	4.91E-07	2.64E-06	2.54E-04	1.25E-04	1.25E-04	5.04E-04	8.8E-08	2.7E-07	1.5E-07	7.5E-08	7.6E-08	6.9E-08	3.1E-08	2.9E-09	7.1E-08	2.0E-08	5.1E-09	3.2E-09	2.7E-09	0.0E+00	1.0E-07
846	UCART1	593887.59	4123719.92	593887.59, 4123719.92	0.163	0.09279	0.1018	0.04376	0.08884	2.20E-04	1.14E-04	1.12E-04	9.59E-07	5.06E-06	1.22E-07	6.46E-07	4.61E-07	2.43E-06	2.26E-04	1.14E-04	1.15E-04	4.55E-04	7.8E-08	2.4E-07	1.4E-07	6.9E-08	7.0E-08	6.3E-08	2.9E-08	2.6E-09	6.3E-08	1.7E-08	4.7E-09	3.0E-09	2.5E-09	0.0E+00	9.3E-08
847	UCART1	593927.59	4123719.92	593927.59, 4123719.92	0.14577	0.08534	0.09411	0.04128	0.08193	1.97E-04	1.04E-04	1.04E-04	9.05E-07	4.67E-06	1.15E-07	5.96E-07	4.35E-07	2.25E-06	2.02E-04	1.05E-04	1.06E-04	4.14E-04	7.0E-08	2.1E-07	1.2E-07	6.4E-08	6.4E-08	5.8E-08	2.7E-08	2.3E-09	5.6E-08	1.6E-08	4.3E-09	2.7E-09	2.3E-09	0.0E+00	8.4E-08
848	UCART1	593967.59	4123719.92	593967.59, 4123719.92	0.1309	0.07854	0.08729	0.03901	0.07558	1.77E-04	9.61E-05	9.61E-05	8.55E-07	4.31E-06	1.09E-07	5.49E-07	4.11E-07	2.07E-06	1.82E-04	9.67E-05	9.86E-05	3.77E-04	6.3E-08	1.9E-07	1.1E-07	5.9E-08	6.0E-08	5.4E-08	2.5E-08	2.1E-09	5.1E-08	1.4E-08	4.0E-09	2.5E-09	2.1E-09	0.0E+00	7.5E-08
849	UCART1	594007.59	4123719.92	594007.59, 4123719.92	0.11823	0.07238	0.08123	0.03698	0.06999	1.59E-04	8.85E-05	8.95E-05	8.10E-07	3.99E-06	1.03E-07	5.09E-07	3.90E-07	1.92E-06	1.64E-04	8.92E-05	9.18E-05	3.45E-04	5.7E-08	1.7E-07	9.9E-08	5.4E-08	5.6E-08	5.0E-08	2.3E-08	1.9E-09	4.6E-08	1.3E-08	3.7E-09	2.4E-09	2.0E-09	0.0E+00	6.8E-08
850	UCART1	593087.59	4123759.92	593087.59, 4123759.92	0.44423	0.49142	0.33908	0.31333	0.29004	5.99E-04	6.01E-04	3.73E-04	6.87E-06	1.65E-05	8.76E-07	2.11E-06	3.30E-06	7.95E-06	6.22E-04	6.04E-04	3.85E-04	1.61E-03	2.2E-07	6.5E-07	3.8E-07	3.7E-07	2.3E-07	2.1E-07	9.6E-08	7.2E-09	1.7E-07	4.8E-08	2.5E-08	9.9E-09	8.4E-09	0.0E+00	2.7E-07
851	UCART1	593127.59	4123759.92	593127.59, 4123759.92	0.47336	0.47774	0.33705	0.26665	0.27638	6.38E-04	5.84E-04	3.71E-04	5.84E-06	1.58E-05	7.45E-07	2.01E-06	2.81E-06	7.57E-06	6.60E-04	5.87E-04	3.82E-04	1.63E-03	2.3E-07	6.9E-07	4.0E-07	3.6E-07	2.3E-07	2.1E-07	9.6E-08	7.6E-09	1.8E-07	5.1E-08	2.4E-08	9.8E-09	8.3E-09	0.0E+00	2.8E-07
852	UCART1	593167.59	4123759.92	593167.59, 4123759.92	0.49614	0.46928	0.33222	0.22915	0.26339	6.69E-04	5.74E-04	3.66E-04	5.02E-06	1.50E-05	6.41E-07	1.91E-06	2.41E-06	7.22E-06	6.89E-04	5.77E-04	3.76E-04	1.64E-03	2.4E-07	7.2E-07	4.2E-07	3.5E-07	2.3E-07	2.1E-07	9.4E-08	8.0E-09	1.9E-07	5.3E-08	2.4E-08	9.6E-09	8.2E-09	0.0E+00	2.9E-07
853	UCART1	593207.59	4123759.92	593207.59, 4123759.92	0.51201	0.46396	0.32619	0.19972	0.25116	6.90E-04	5.68E-04	3.59E-04	4.38E-06	1.43E-05	5.58E-07	1.83E-06	2.10E-06	6.88E-06	7.09E-04	5.70E-04	3.68E-04	1.65E-03	2.5E-07	7.4E-07	4.3E-07	3.4E-07	2.2E-07	2.0E-07	9.2E-08	8.2E-09	2.0E-07	5.5E-08	2.3E-08	9.5E-09	8.0E-09	0.0E+00	3.0E-07
854	UCART1	593247.59	4123759.92	593247.59, 4123759.92	0.52003	0.44479	0.31881	0.17532	0.23954	7.01E-04	5.44E-04	3.51E-04	3.84E-06	1.37E-05	4.90E-07	1.74E-06	1.85E-06	6.56E-06	7.19E-04	5.46E-04	3.60E-04	1.62E-03	2.5E-07	7.5E-07	4.3E-07	3.3E-07	2.2E-07	2.0E-07	9.0E-08	8.3E-09	2.0E-07	5.5E-08	2.2E-08	9.2E-09	7.8E-09	0.0E+00	3.0E-07
855	UCART1	593287.59	4123759.92	593287.59, 4123759.92	0.5206	0.40722	0.31002	0.15508	0.22825	7.02E-04	4.98E-04	3.41E-04	3.40E-06	1.30E-05	4.33E-07	1.66E-06	1.63E-06	6.25E-06	7.18E-04	5.00E-04	3.49E-04	1.57E-03	2.5E-07	7.5E-07	4.3E-07	3.0E-07	2.1E-07	1.9E-07	8.7E-08	8.3E-09	2.0E-07	5.5E-08	2.1E-08	9.0E-09	7.6E-09	0.0E+00	3.0E-07
856	UCART1	593327.59	4123759.92	593327.59, 4123759.92	0.51382	0.36687	0.2991	0.138	0.21703	6.93E-04	4.49E-04	3.29E-04	3.02E-06	1.24E-05	3.86E-07	1.58E-06	1.45E-06	5.95E-06	7.08E-04	4.51E-04	3.37E-04	1.50E-03	2.5E-07	7.4E-07	4.3E-07	2.7E-07	2.0E-07	1.8E-07	8.4E-08	8.2E-09	2.0E-07	5.5E-08	1.9E-08	8.6E-09	7.3E-09	0.0E+00	3.0E-07
857	UCART1	593367.59	4123759.92	593367.59, 4123759.92	0.49864	0.32252	0.28465	0.12342	0.20571	6.72E-04	3.95E-04	3.14E-04	2.70E-06	1.17E-05	3.45E-07	1.50E-06	1.30E-06	5.64E-06	6.87E-04	3.96E-04	3.20E-04	1.40E-03	2.4E-07	7.2E-07	4.2E-07	2.4E-07	1.9E-07	1.8E-07	8.0E-08	7.9E-09	1.9E-07	5.3E-08	1.6E-08	8.2E-09	7.0E-09	0.0E+00	2.8E-07
858	UCART1	593407.59	4123759.92	593407.59, 4123759.92	0.47616	0.27845	0.2665	0.11093	0.19452	6.42E-04	3.41E-04	2.94E-04	2.43E-06	1.11E-05	3.10E-07	1.41E-06	1.17E-06	5.33E-06	6.56E-04	3.42E-04	3.00E-04	1.30E-03	2.3E-07	6.9E-07	4.0E-07	2.1E-07	1.8E-07	1.6E-07	7.5E-08	7.6E-09	1.8E-07	5.0E-08	1.4E-08	7.7E-09	6.5E-09	0.0E+00	2.7E-07
859	UCART1	593447.59	4123759.92	593447.59, 4123759.92	0.44792	0.24902	0.24542	0.10013	0.18335	6.04E-04	3.05E-04	2.70E-04	2.19E-06	1.05E-05	2.80E-07	1.33E-06	1.05E-06	5.02E-06	6.17E-04	3.06E-04	2.76E-04	1.20E-03	2.1E-07	6.4E-07	3.7E-07	1.9E-07	1.7E-07	1.5E-07	6.9E-08	7.1E-09	1.7E-07	4.7E-08	1.3E-08	7.1E-09	6.0E-09	0.0E+00	2.5E-07
860	UCART1	593487.59	4123759.92	593487.59, 4123759.92	0.41636	0.22751	0.22339	0.09082	0.17262	5.61E-04	2.78E-04	2.46E-04	1.99E-06	9.84E-06	2.54E-07	1.26E-06	9.57E-07	4.73E-06	5.73E-04	2.80E-04	2.52E-04	1.10E-03	2.0E-07	6.0E-07	3.5E-07	1.7E-07	1.5E-07	1.4E-07	6.3E-08	6.6E-09	1.6E-07	4.4E-08	1.1E-08	6.5E-09	5.5E-09	0.0E+00	2.3E-07
861	UCART1	593527.59	4123759.92	593527.59, 4123759.92	0.38266	0.20438	0.20219	0.08268	0.1621	5.16E-04	2.50E-04	2.23E-04	1.81E-06	9.24E-06	2.31E-07	1.18E-06	8.71E-07	4.44E-06	5.27E-04	2.51E-04	2.28E-04	1.01E-03	1.8E-07	5.5E-07	3.2E-07	1.5E-07	1.4E-07	1.3E-07	5.7E-08	6.1E-09	1.5E-07	4.1E-08	1.0E-08	5.9E-09	5.0E-09	0.0E+00	2.2E-07
862	UCART1	593567.59	4123759.92	593567.59, 4123759.92	0.34809	0.18068	0.18331	0.07565	0.15187	4.69E-04	2.21E-04	2.02E-04	1.66E-06	8.66E-06	2.11E-07	1.10E-06	7.97E-07	4.16E-06	4.80E-04	2.22E-04	2.07E-04	9.09E-04	1.7E-07	5.0E-07	2.9E-07	1.3E-07	1.3E-07	1.1E-07	5.2E-08	5.5E-09	1.3E-07	3.7E-08	9.1E-09	5.3E-09	4.5E-09	0.0E+00	2.0E-07
863	UCART1	593607.59	4123759.92	593607.59, 4123759.92	0.31311	0.1593	0.16703	0.06948	0.14143	4.22E-04	1.95E-04	1.84E-04	1.52E-06	8.06E-06	1.94E-07	1.03E-06	7.32E-07	3.88E-06	4.32E-04	1.96E-04	1.89E-04	8.17E-04	1.5E-07	4.5E-07	2.6E-07	1.2E-07	1.1E-07	1.0E-07	4.7E-08	5.0E-09	1.2E-07	3.3E-08	8.1E-09	4.8E-09	4.1E-09	0.0E+00	1.8E-07
864	UCART1	593647.59	4123759.92	593647.59, 4123759.92	0.27927	0.14175	0.15313	0.06407	0.13085	3.77E-04	1.73E-04	1.69E-04	1.40E-06	7.46E-06	1.79E-07	9.51E-07	6.75E-07	3.59E-06	3.85E-04	1.75E-04	1.73E-04	7.33E-04	1.3E-07	4.0E-07	2.3E-07	1.1E-07	1.0E-07	9.5E-08	4.3E-08	4.5E-09	1.1E-07	3.0E-08	7.2E-09	4.4E-09	3.8E-09	0.0E+00	1.6E-07
865	UCART1	593687.59	4123759.92	593687.59, 4123759.92	0.24812	0.12796	0.14086	0.05934	0.12043	3.35E-04	1.57E-04	1.55E-04	1.30E-06	6.86E-06	1.66E-07	8.76E-07	6.25E-07	3.30E-06	3.43E-04	1.58E-04	1.59E-04	6.59E-04	1.2E-07	3.6E-07	2.1E-07	9.5E-08	9.6E-08	8.7E-08	4.0E-08	4.0E-09	9.6E-08	2.6E-08	6.5E-09	4.1E-09	3.5E-09	0.0E+00	1.4E-07
866	UCART1	593727.59	4123759.92	593727.59, 4123759.92	0.22039	0.11689	0.12939	0.05514	0.11043	2.97E-04	1.43E-04	1.43E-04	1.21E-06	6.29E-06	1.54E-07	8.03E-07	5.81E-07	3.03E-06	3.05E-04	1.44E-04	1.46E-04	5.95E-04	1.1E-07	3.2E-07	1.8E-07	8.7E-08	8.8E-08	8.0E-08	3.7E-08	3.5E-09	8.5E-08	2.3E-08	5.9E-09	3.8E-09	3.2E-09	0.0E+00	1.2E-07
867	UCART1	593767.59	4123759.92	593767.59, 4123759.92	0.19663	0.10767	0.11865	0.05141	0.10136	2.65E-04	1.32E-04	1.31E-04	1.13E-06	5.78E-06	1.44E-07	7.37E-07	5.42E-07	2.78E-06	2.72E-04	1.33E-04	1.34E-04	5.39E-04	9.4E-08	2.8E-07	1.6E-07	8.0E-08	8.1E-08	7.4E-08	3.4E-08	3.1E-09	7.6E-08	2.1E-08	5.4E-09	3.4E-09	2.9E-09	0.0E+00	1.1E-07
868	UCART1	593807.59	4123759.92	593807.59, 4123759.92	0.1762	0.09952	0.10868	0.04805	0.09341	2.38E-04	1.22E-04	1.20E-04	1.05E-06	5.32E-06	1.34E-07	6.79E-07	5.06E-07	2.56E-06	2.44E-04	1.23E-04	1.23E-04	4.89E-04	8.4E-08	2.6E-07	1.5E-07	7.4E-08	7.4E-08	6.7E-08	3.1E-08	2.8E-09	6.8E-08	1.9E-08	5.0E-09	3.2E-09	2.7E-09	0.0E+00	1.0E-07
869	UCART1	593847.59	4123759.92	593847.59, 4123759.92	0.15856	0.09224	0.09984	0.04508	0.0866	2.14E-04	1.13E-04	1.10E-04	9.88E-07	4.94E-06	1.26E-07	6.30E-07	4.75E-07	2.37E-06	2.20E-04	1.14E-04	1.13E-04	4.46E-04	7.6E-08	2.3E-07	1.3E-07	6.9E-08	6.8E-08	6.2E-08	2.8E-08	2.5E-09	6.1E-08	1.7E-08	4.7E-09	2.9E-09	2.5E-09	0.0E+00	9.1E-08
870	UCART1	593887.59	4123759.92	593887.59, 4123759.92	0.14314	0.08569	0.09223	0.04245	0.08056	1.93E-04	1.05E-04	1.02E-04	9.30E-07	4.59E-06	1.19E-07	5.86E-07	4.47E-07	2.21E-06	1.99E-04	1.06E-04	1.04E-04	4.08E-04	6.9E-08	2.1E-07	1.2E-07	6.4E-08	6.3E-08	5.7E-08	2.6E-08	2.3E-09	5.5E-08	1.5E-08	4.3E-09	2.7E-09	2.3E-09	0.0E+00	8.2E-08
871	UCART1	593927.59	4123759.92	593927.59, 4123759.92	0.12941	0.07962	0.08558	0.04005	0.07487	1.75E-04	9.74E-05	9.43E-05	8.78E-07	4.27E-06	1.12E-07	5.44E-07	4.22E-07	2.05E-06	1.80E-04	9.81E-05	9.67E-05	3.74E-04	6.2E-08	1.9E-07	1.1E-07	5.9E-08	5.9E-08	5.3E-08	2.4E-08	2.1E-09	5.0E-08	1.4E-08	4.0E-09	2.5E-09	2.1E-09	0.0E+00	7.5E-08
872	UCART1	593967.59	4123759.92	593967.59, 4123759.92	0.11736	0.07401	0.07976	0.03788	0.06956	1.58E-04	9.05E-05	8.79E-05	8.30E-07	3.96E-06	1.06E-07	5.06E-07	3.99E-07	1.91E-06	1.63E-04	9.12E-05	9.02E-05	3.44E-04	5.6E-08	1.7E-07	9.9E-08	5.5E-08	5.5E-08	4.9E-08	2.3E-08	1.9E-09	4.6E-08	1.3E-08	3.7E-09	2.3E-09	2.0E-09	0.0E+00	6.8E-08
873	UCART1	594007.59	4123759.92	594007.59, 4123759.92	0.10698	0.06887	0.07466	0.03594	0.06479	1.44E-04	8.43E-05	8.22E-05	7.88E-07	3.69E-06	1.00E-07	4.71E-07	3.79E-07	1.78E-06	1.49E-04	8.48E-05	8.44E-05	3.18E-04	5.1E-08	1.6E-07	9.0E-08	5.1E-08	5.1E-08	4.6E-08	2.1E-08	1.7E-09	4.2E-08	1.1E-08	3.5E-09	2.2E-09	1.8E-09	0.0E+00	6.2E-08
874	UCART1	593087.59	4123799.92	593087.59, 4123799.92	0.38944	0.3864	0.28699	0.25464	0.2462	5.25E-04	4.73E-04	3.16E-04	5.58E-06	1.40E-05	7.12E-07	1.79E-06	2.68E-06	6.75E-06	5.45E-04	4.75E-04	3.26E-04	1.35E-03	1.9E-07	5.7E-07	3.3E-07	2.9E-07	2.0E-07	1.8E-07	8.1E-08	6.3E-09	1.5E-07	4.2E-08	2.0E-08	8.4E-09	7.1E-09	0.0E+00	2.4E-07
875	UCART1	593127.59	4123799.92	593127.59, 4123799.92	0.40536	0.37726	0.28298	0.22215	0.2356	5.47E-04	4.62E-04	3.12E-04	4.87E-06	1.34E-05	6.21E-07	1.71E-06	2.34E-06	6.46E-06	5.65E-04	4.64E-04	3.20E-04	1.35E-03	2.0E-07	5.9E-07	3.4E-07	2.8E-07	1.9E-07	1.8E-07	8.0E-08	6.5E-09	1.6E-07	4.4E-08	1.9E-08	8.2E-09	7.0E-09	0.0E+00	2.4E-07
876	UCART1	593167.59	4123799.92	593167.59, 4123799.92	0.41613	0.37419	0.27781	0.1947	0.22524	5.61E-04	4.58E-04	3.06E-04	4.27E-06	1.28E-05	5.44E-07	1.64E-06	2.05E-06	6.17E-06	5.78E-04	4.60E-04	3.14E-04	1.35E-03	2.0E-07	6.0E-07	3.5E-07	2.8E-07	1.9E-07	1.7E-07	7.9E-08	6.7E-09	1.6E-07	4.5E-08	1.9E-08	8.1E-09	6.8E-09	0.0E+00	2.5E-07
877	UCART1	593207.59	4123799.92	593207.59, 4123799.92	0.42155	0.36949	0.27204	0.1716	0.21521	5.68E-04	4.52E-04	3.00E-04	3.76E-06	1.23E-05	4.80E-07	1.56E-06	1.81E-06	5.90E-06	5.85E-04	4.54E-04	3.07E-04	1.35E-03	2.0E-07	6.1E-07	3.5E-07	2.7E-07	1.9E-07	1.7E-07	7.7E-08	6.8E-09	1.6E-07	4.5E-08	1.9E-08	7.9E-09	6.7E-09	0.0E+00	2.5E-07
878	UCART1	593247.59	4123799.92	593247.59, 4123799.92	0.42223	0.35048	0.26589	0.15274	0.20542	5.69E-04	4.29E-04	2.93E-04	3.35E-06	1.17E-05	4.27E-07	1.49E-06	1.61E-06	5.63E-06	5.84E-04	4.31E-04	3.00E-04	1.32E-03	2.0E-07	6.1E-07	3.5E-07	2.6E-07	1.8E-07	1.6E-07	7.5E-08	6.8E-09	1.6E-07	4.5E-08	1.8E-08	7.7E-09	6.5E-09	0.0E+00	2.5E-07
879	UCART1	593287.59	4123799.92	593287.59, 4123799.92	0.41819	0.32054	0.25862	0.13706	0.19577	5.64E-04	3.92E-04	2.85E-04	3.00E-06	1.12E-05	3.83E-07	1.42E-06	1.44E-06	5.36E-06	5.78E-04	3.94E-04	2.92E-04	1.26E-03	2.0E-07	6.0E-07	3.5E-07	2.4E-07	1.8E-07	1.6E-07	7.3E-08	6.7E-09	1.6E-07	4.5E-08	1.6E-08	7.5E-09	6.4E-09	0.0E+00	2.4E-07
880	UCART1	593327.59	4123799.92	593327.59, 4123799.92	0.40933	0.29232	0.24932	0.12371	0.18614	5.52E-04	3.58E-04	2.75E-04	2.71E-06	1.06E-05	3.46E-07	1.35E-06	1.30E-06	5.10E-06	5.65E-04	3.59E-04	2.81E-04	1.21E-03	2.0E-07	5.9E-07	3.4E-07	2.2E-07	1.7E-07	1.5E-07	7.0E-08	6.5E-09	1.6E-07	4.4E-08	1.5E-08	7.2E-09	6.1E-09	0.0E+00	2.4E-07
881	UCART1	593367.59	4123799.92	593367.59, 4123799.92	0.39556	0.26127	0.23731	0.11211	0.17645	5.33E-04	3.20E-04	2.61E-04	2.46E-06	1.01E-05	3.13E-07	1.28E-06	1.18E-06	4.84E-06	5.46E-04	3.21E-04	2.67E-04	1.13E-03	1.9E-07	5.7E-07	3.3E-07	1.9E-07	1.6E-07	1.5E-07	6.7E-08	6.3E-09	1.5E-07	4.2E-08	1.3E-08	6.9E-09	5.8E-09	0.0E+00	2.3E-07
882	UCART1	593407.59	4123799.92	593407.59, 4123799.92	0.37749	0.22753	0.22262	0.10197	0.16702	5.09E-04	2.78E-04	2.45E-04	2.23E-06	9.52E-06	2.85E-07	1.21E-06	1.07E-06	4.58E-06	5.21E-04	2.80E-04	2.51E-04	1.05E-03	1.8E-07	5.4E-07	3.2E-07	1.7E-07	1.5E-07	1.4E-07	6.3E-08	6.0E-09	1.5E-07	4.0E-08	1.1E-08	6.4E-09	5.5E-09	0.0E+00	2.1E-07
883	UCART1	593447.59	4123799.92	593447.59, 4123799.92	0.35595	0.20401	0.20599	0.09302	0.15782	4.80E-04	2.50E-04	2.27E-04	2.04E-06	9.00E-06	2.60E-07	1.15E-06	9.80E-07	4.32E-06	4.91E-04	2.51E-04	2.32E-04	9.74E-04	1.7E-07	5.1E-07	3.0E-07	1.5E-07	1.4E-07	1.3E-07	5.8E-08	5.7E-09	1.4E-07	3.8E-08	1.0E-08	6.0E-09	5.1E-09	0.0E+00	2.0E-07
884	UCART1	593487.59	4123799.92	593487.59, 4123799.92	0.33216	0.18934	0.18869	0.0851	0.14896	4.48E-04	2.32E-04	2.08E-04	1.86E-06	8.49E-06	2.38E-07	1.08E-06	8.97E-07	4.08E-06	4.58E-04	2.33E-04	2.13E-04	9.04E-04	1.6E-07	4.8E-07	2.8E-07	1.4E-07	1.3E-07	1.2E-07	5.3E-08	5.3E-09	1.3E-07	3.5E-08	9.6E-09	5.5E-09	4.6E-09	0.0E+00	1.9E-07
885	UCART1	593527.59	4123799.92	593527.59, 4123799.92	0.30715	0.17464	0.1721	0.0781	0.1404	4.14E-04	2.14E-04	1.90E-04	1.71E-06	8.00E-06	2.18E-07	1.02E-06	8.23E-07	3.85E-06	4.24E-04	2.15E-04	1.94E-04	8.33E-04	1.5E-07	4.4E-07	2.6E-07	1.3E-07	1.2E-07	1.1E-07	4.9E-08	4.9E-09	1.2E-07	3.3E-08	8.8E-09	5.0E-09	4.2E-09	0.0E+00	1.7E-07
886	UCART1	593567.59	4123799.92	593567.59, 4123799.92	0.28129	0.15766	0.15709	0.07186	0.13184	3.79E-04	1.93E-04	1.73E-04	1.57E-06	7.51E-06	2.01E-07	9.59E-07	7.57E-07	3.61E-06	3.88E-04	1.94E-04	1.77E-04	7.60E-04	1.3E-07	4.1E-07	2.4E-07	1.2E-07	1.1E-07	9.7E-08	4.4E-08	4.5E-09	1.1E-07	3.0E-08	8.0E-09	4.6E-09	3.9E-09	0.0E+00	1.6E-07
887	UCART1	593607.59	4123799.92	593607.59, 4123799.92	0.25548	0.1408	0.14427	0.06639	0.1233	3.45E-04	1.72E-04	1.59E-04	1.45E-06	7.03E-06	1.86E-07	8.96E-07	6.99E-07	3.38E-06	3.53E-04	1.73E-04	1.63E-04	6.89E-04	1.2E-07	3.7E-07	2.1E-07	1.0E-07	9.9E-08	8.9E-08	4.1E-08	4.1E-09	9.9E-08	2.7E-08	7.1E-09	4.2E-09	3.6E-09	0.0E+00	1.4E-07
888	UCART1	593647.59	4123799.92	593647.59, 4123799.92	0.23028	0.12582	0.13325	0.06147	0.11459	3.11E-04	1.54E-04	1.47E-04	1.35E-06	6.53E-06	1.72E-07	8.33E-07	6.48E-07	3.14E-06	3.18E-04	1.55E-04	1.51E-04	6.24E-04	1.1E-07	3.3E-07	1.9E-07	9.4E-08	9.1E-08	8.3E-08	3.8E-08	3.7E-09	8.9E-08	2.5E-08	6.4E-09	3.9E-09	3.3E-09	0.0E+00	1.3E-07
889	UCART1	593687.59	4123799.92	593687.59, 4123799.92	0.20695	0.11362	0.12361	0.0571	0.1061	2.79E-04	1.39E-04	1.36E-04	1.25E-06	6.05E-06	1.60E-07	7.71E-07	6.02E-07	2.91E-06	2.86E-04	1.40E-04	1.40E-04	5.66E-04	9.9E-08	3.0E-07	1.7E-07	8.5E-08	8.5E-08	7.7E-08	3.5E-08	3.3E-09	8.0E-08	2.2E-08	5.7E-09	3.6E-09	3.0E-09	0.0E+00	1.2E-07
890	UCART1	593727.59	4123799.92	593727.59, 4123799.92	0.18624	0.10405	0.11477	0.05325	0.09813	2.51E-04	1.27E-04	1.26E-04	1.17E-06	5.59E-06	1.49E-07	7.13E-07	5.61E-07	2.69E-06	2.58E-04	1.28E-04	1.30E-04	5.16E-04	8.9E-08	2.7E-07	1.6E-07	7.8E-08	7.8E-08	7.1E-08	3.2E-08	3.0E-09	7.2E-08	2.0E-08	5.3E-09	3.3E-09	2.8E-09	0.0E+00	1.1E-07
891	UCART1	593767.59	4123799.92	593767.59, 4123799.92	0.1679	0.09612	0.10613	0.04972	0.09064	2.26E-04	1.18E-04	1.17E-04	1.09E-06	5.17E-06	1.39E-07	6.59E-07	5.24E-07	2.48E-06	2.33E-04	1.18E-04	1.20E-04	4.71E-04	8.1E-08	2.4E-07	1.4E-07	7.2E-08	7.3E-08	6.6E-08	3.0E-08	2.7E-09	6.5E-08	1.8E-08	4.9E-09	3.1E-09	2.6E-09	0.0E+00	9.6E-08
892	UCART1	593807.59	4123799.92	593807.59, 4123799.92	0.1522	0.08949	0.09802	0.04658	0.0841	2.05E-04	1.09E-04	1.08E-04	1.02E-06	4.79E-06	1.30E-07	6.11E-07	4.91E-07	2.30E-06	2.11E-04	1.10E-04	1.11E-04	4.32E-04	7.3E-08	2.2E-07	1.3E-07	6.7E-08	6.7E-08	6.1E-08	2.8E-08	2.4E-09	5.9E-08	1.6E-08	4.5E-09	2.8E-09	2.4E-09	0.0E+00	8.7E-08
893	UCART1	593847.59	4123799.92	593847.59, 4123799.92	0.13859	0.0837	0.09063	0.04379	0.07849	1.87E-04	1.02E-04	9.98E-05	9.60E-07	4.47E-06	1.22E-07	5.71E-07	4.61E-07	2.15E-06	1.92E-04	1.03E-04	1.02E-04	3.98E-04	6.7E-08	2.0E-07	1.2E-07	6.2E-08	6.2E-08	5.6E-08	2.6E-08	2.2E-09	5.4E-08	1.5E-08	4.2E-09	2.6E-09	2.2E-09	0.0E+00	8.0E-08
894	UCART1	593887.59	4123799.92	593887.59, 4123799.92	0.1265	0.0785	0.08408	0.04129	0.07352	1.71E-04	9.60E-05	9.26E-05	9.05E-07	4.19E-06	1.15E-07	5.35E-07	4.35E-07	2.01E-06	1.76E-04	9.67E-05	9.51E-05	3.67E-04	6.1E-08	1.8E-07	1.1E-07	5.9E-08	5.8E-08	5.2E-08	2.4E-08	2.0E-09	4.9E-08	1.4E-08	4.0E-09	2.4E-09	2.1E-09	0.0E+00	7.3E-08
895	UCART1	593927.59	4123799.92	593927.59, 4123799.92	0.1155	0.07363	0.07826	0.039	0.06881	1.56E-04	9.01E-05	8.62E-05	8.55E-07	3.92E-06	1.09E-07	5.00E-07	4.11E-07	1.89E-06	1.61E-04	9.07E-05	8.85E-05	3.40E-04	5.6E-08	1.7E-07	9.7E-08	5.5E-08	5.4E-08	4.9E-08	2.2E-08	1.9E-09	4.5E-08	1.2E-08	3.7E-09	2.3E-09	1.9E-09	0.0E+00	6.7E-08
896	UCART1	593967.59	4123799.92	593967.59, 4123799.92	0.10563	0.06907	0.07316	0.0369	0.06434	1.42E-04	8.45E-05	8.06E-05	8.09E-07	3.67E-06	1.03E-07	4.68E-07	3.89E-07	1.76E-06	1.47E-04	8.51E-05	8.27E-05	3.15E-04	5.1E-08	1.5E-07	8.9E-08	5.1E-08	5.0E-08	4.5E-08	2.1E-08	1.7E-09	4.1E-08	1.1E-08	3.5E-09	2.1E-09	1.8E-09	0.0E+00	6.1E-08
897	UCART1	594007.59	4123799.92	594007.59, 4123799.92	0.09708	0.06489	0.06877	0.03505	0.06027	1.31E-04	7.94E-05	7.57E-05	7.68E-07	3.44E-06	9.80E-08	4.38E-07	3.69E-07	1.65E-06	1.35E-04	7.99E-05	7.78E-05	2.93E-04	4.7E-08	1.4E-07	8.2E-08	4.8E-08	4.7E-08	4.3E-08	1.9E-08	1.6E-09	3.8E-08	1.0E-08	3.3E-09	2.0E-09	1.7E-09	0.0E+00	5.7E-08
898	UCART1	593087.59	4123839.92	593087.59, 4123839.92	0.33875	0.31205	0.24474	0.2113	0.21164	4.57E-04	3.82E-04	2.70E-04	4.63E-06	1.21E-05	5.91E-07	1.54E-06	2.23E-06	5.80E-06	4.74E-04	3.84E-04	2.78E-04	1.14E-03	1.6E-07	4.9E-07	2.9E-07	2.3E-07	1.7E-07	1.5E-07	6.9E-08	5.5E-09	1.3E-07	3.6E-08	1.6E-08	7.1E-09	6.0E-09	0.0E+00	2.0E-07
899	UCART1	593127.59	4123839.92	593127.59, 4123839.92	0.34625	0.30774	0.24021	0.18837	0.20303	4.67E-04	3.76E-04	2.65E-04	4.13E-06	1.16E-05	5.27E-07	1.48E-06	1.98E-06	5.56E-06	4.83E-04	3.78E-04	2.72E-04	1.13E-03	1.7E-07	5.0E-07	2.9E-07	2.3E-07	1.6E-07	1.5E-07	6.8E-08	5.6E-09	1.3E-07	3.7E-08	1.6E-08	7.0E-09	5.9E-09	0.0E+00	2.1E-07
900	UCART1	593167.59	4123839.92	593167.59, 4123839.92	0.3499	0.30714	0.23535	0.1674	0.19447	4.72E-04	3.76E-04	2.59E-04	3.67E-06	1.11E-05	4.68E-07	1.41E-06	1.76E-06	5.33E-06	4.87E-04	3.78E-04	2.66E-04	1.13E-03	1.7E-07	5.1E-07	2.9E-07	2.3E-07	1.6E-07	1.5E-07	6.7E-08	5.6E-09	1.4E-07	3.7E-08	1.6E-08	6.8E-09	5.8E-09	0.0E+00	2.1E-07
901	UCART1	593207.59	4123839.92	593207.59, 4123839.92	0.3502	0.30129	0.23051	0.14923	0.18604	4.72E-04	3.69E-04	2.54E-04	3.27E-06	1.06E-05	4.17E-07	1.35E-06	1.57E-06	5.10E-06	4.86E-04	3.70E-04	2.61E-04	1.12E-03	1.7E-07	5.1E-07	2.9E-07	2.2E-07	1.6E-07	1.4E-07	6.5E-08	5.6E-09	1.4E-07	3.7E-08	1.5E-08	6.7E-09	5.7E-09	0.0E+00	2.1E-07
902	UCART1	593247.59	4123839.92	593247.59, 4123839.92	0.34744	0.28306	0.22538	0.13406	0.17769	4.69E-04	3.46E-04	2.48E-04	2.94E-06	1.01E-05	3.75E-07	1.29E-06	1.41E-06	4.87E-06	4.82E-04	3.48E-04	2.55E-04	1.08E-03	1.7E-07	5.0E-07	2.9E-07	2.1E-07	1.5E-07	1.4E-07	6.4E-08	5.6E-09	1.3E-07	3.7E-08	1.4E-08	6.5E-09	5.5E-09	0.0E+00	2.0E-07
903	UCART1	593287.59	4123839.92	593287.59, 4123839.92	0.34167	0.25933	0.21919	0.12143	0.16941	4.61E-04	3.17E-04	2.41E-04	2.66E-06	9.66E-06	3.39E-07	1.23E-06	1.28E-06	4.64E-06	4.73E-04	3.19E-04	2.47E-04	1.04E-03	1.6E-07	4.9E-07	2.9E-07	1.9E-07	1.5E-07	1.4E-07	6.2E-08	5.5E-09	1.3E-07	3.6E-08	1.3E-08	6.4E-09	5.4E-09	0.0E+00	2.0E-07
904	UCART1	593327.59	4123839.92	593327.59, 4123839.92	0.3329	0.23911	0.21121	0.11076	0.16122	4.49E-04	2.93E-04	2.33E-04	2.43E-06	9.19E-06	3.10E-07	1.17E-06	1.17E-06	4.42E-06	4.61E-04	2.94E-04	2.38E-04	9.93E-04	1.6E-07	4.8E-07	2.8E-07	1.8E-07	1.4E-07	1.3E-07	6.0E-08	5.3E-09	1.3E-07	3.5E-08	1.2E-08	6.1E-09	5.2E-09	0.0E+00	1.9E-07
905	UCART1	593367.59	4123839.92	593367.59, 4123839.92	0.32113	0.21681	0.20108	0.10149	0.15307	4.33E-04	2.65E-04	2.21E-04	2.22E-06	8.72E-06	2.84E-07	1.11E-06	1.07E-06	4.19E-06	4.44E-04	2.67E-04	2.27E-04	9.37E-04	1.5E-07	4.6E-07	2.7E-07	1.6E-07	1.4E-07	1.2E-07	5.7E-08	5.1E-09	1.2E-07	3.4E-08	1.1E-08	5.8E-09	4.9E-09	0.0E+00	1.9E-07
906	UCART1	593407.59	4123839.92	593407.59, 4123839.92	0.30663	0.19046	0.18898	0.0933	0.1451	4.14E-04	2.33E-04	2.08E-04	2.04E-06	8.27E-06	2.61E-07	1.05E-06	9.83E-07	3.98E-06	4.24E-04	2.34E-04	2.13E-04	8.71E-04	1.5E-07	4.4E-07	2.6E-07	1.4E-07	1.3E-07	1.2E-07	5.3E-08	4.9E-09	1.2E-07	3.3E-08	9.6E-09	5.5E-09	4.6E-09	0.0E+00	1.8E-07
907	UCART1	593447.59	4123839.92	593447.59, 4123839.92	0.28993	0.17066	0.17564	0.086	0.13751	3.91E-04	2.09E-04	1.93E-04	1.88E-06	7.84E-06	2.40E-07	1.00E-06	9.06E-07	3.77E-06	4.01E-04	2.10E-04	1.98E-04	8.09E-04	1.4E-07	4.2E-07	2.4E-07	1.3E-07	1.2E-07	1.1E-07	5.0E-08	4.6E-09	1.1E-07	3.1E-08	8.6E-09	5.1E-09	4.3E-09	0.0E+00	1.7E-07
908	UCART1	593487.59	4123839.92	593487.59, 4123839.92	0.27149	0.15941	0.16181	0.07938	0.13012	3.66E-04	1.95E-04	1.78E-04	1.74E-06	7.42E-06	2.22E-07	9.46E-07	8.36E-07	3.57E-06	3.75E-04	1.96E-04	1.83E-04	7.54E-04	1.3E-07	3.9E-07	2.3E-07	1.2E-07	1.1E-07	1.0E-07	4.6E-08	4.3E-09	1.0E-07	2.9E-08	8.1E-09	4.7E-09	4.0E-09	0.0E+00	1.5E-07
909	UCART1	593527.59	4123839.92	593527.59, 4123839.92	0.25224	0.15002	0.14854	0.07346	0.12301	3.40E-04	1.84E-04	1.64E-04	1.61E-06	7.01E-06	2.05E-07	8.94E-07	7.74E-07	3.37E-06	3.49E-04	1.85E-04	1.68E-04	7.01E-04	1.2E-07	3.6E-07	2.1E-07	1.1E-07	1.0E-07	9.2E-08	4.2E-08	4.0E-09	9.7E-08	2.7E-08	7.6E-09	4.3E-09	3.7E-09	0.0E+00	1.4E-07
910	UCART1	593567.59	4123839.92	593567.59, 4123839.92	0.23237	0.1385	0.13643	0.06808	0.11584	3.13E-04	1.69E-04	1.50E-04	1.49E-06	6.60E-06	1.90E-07	8.42E-07	7.17E-07	3.17E-06	3.21E-04	1.70E-04	1.54E-04	6.46E-04	1.1E-07	3.4E-07	1.9E-07	1.0E-07	9.3E-08	8.5E-08	3.9E-08	3.7E-09	9.0E-08	2.5E-08	7.0E-09	4.0E-09	3.4E-09	0.0E+00	1.3E-07
911	UCART1	593607.59	4123839.92	593607.59, 4123839.92	0.21262	0.12562	0.12599	0.06326	0.10868	2.87E-04	1.54E-04	1.39E-04	1.39E-06	6.19E-06	1.77E-07	7.90E-07	6.66E-07	2.98E-06	2.94E-04	1.55E-04	1.42E-04	5.91E-04	1.0E-07	3.1E-07	1.8E-07	9.4E-08	8.6E-08	7.8E-08	3.6E-08	3.4E-09	8.2E-08	2.3E-08	6.4E-09	3.7E-09	3.1E-09	0.0E+00	1.2E-07
912	UCART1	593647.59	4123839.92	593647.59, 4123839.92	0.19346	0.11314	0.1171	0.05888	0.1015	2.61E-04	1.38E-04	1.29E-04	1.29E-06	5.79E-06	1.65E-07	7.38E-07	6.20E-07	2.78E-06	2.68E-04	1.39E-04	1.32E-04	5.40E-04	9.3E-08	2.8E-07	1.6E-07	8.4E-08	8.0E-08	7.3E-08	3.3E-08	3.1E-09	7.5E-08	2.1E-08	5.7E-09	3.4E-09	2.9E-09	0.0E+00	1.1E-07
913	UCART1	593687.59	4123839.92	593687.59, 4123839.92	0.17563	0.10237	0.10942	0.05493	0.09454	2.37E-04	1.25E-04	1.21E-04	1.20E-06	5.39E-06	1.54E-07	6.87E-07	5.79E-07	2.59E-06	2.43E-04	1.26E-04	1.24E-04	4.93E-04	8.4E-08	2.5E-07	1.5E-07	7.6E-08	7.5E-08	6.8E-08	3.1E-08	2.8E-09	6.8E-08	1.9E-08	5.2E-09	3.2E-09	2.7E-09	0.0E+00	1.0E-07
914	UCART1	593727.59	4123839.92	593727.59, 4123839.92	0.15967	0.09371	0.10244	0.05142	0.08802	2.15E-04	1.15E-04	1.13E-04	1.13E-06	5.02E-06	1.44E-07	6.40E-07	5.42E-07	2.41E-06	2.21E-04	1.15E-04	1.16E-04	4.53E-04	7.7E-08	2.3E-07	1.3E-07	7.0E-08	7.0E-08	6.4E-08	2.9E-08	2.6E-09	6.2E-08	1.7E-08	4.7E-09	3.0E-09	2.5E-09	0.0E+00	9.2E-08
915	UCART1	593767.59	4123839.92	593767.59, 4123839.92	0.14535	0.08662	0.09557	0.04815	0.08183	1.96E-04	1.06E-04	1.05E-04	1.06E-06	4.66E-06	1.35E-07	5.95E-07	5.07E-07	2.24E-06	2.02E-04	1.07E-04	1.08E-04	4.16E-04	7.0E-08	2.1E-07	1.2E-07	6.5E-08	6.5E-08	5.9E-08	2.7E-08	2.3E-09	5.6E-08	1.6E-08	4.4E-09	2.8E-09	2.4E-09	0.0E+00	8.4E-08
916	UCART1	593807.59	4123839.92	593807.59, 4123839.92	0.13307	0.08091	0.08902	0.04526	0.07641	1.79E-04	9.90E-05	9.81E-05	9.92E-07	4.36E-06	1.27E-07	5.56E-07	4.77E-07	2.09E-06	1.85E-04	9.97E-05	1.01E-04	3.85E-04	6.4E-08	1.9E-07	1.1E-07	6.0E-08	6.1E-08	5.5E-08	2.5E-08	2.1E-09	5.2E-08	1.4E-08	4.1E-09	2.6E-09	2.2E-09	0.0E+00	7.7E-08
917	UCART1	593847.59	4123839.92	593847.59, 4123839.92	0.1222	0.07598	0.08278	0.04261	0.07164	1.65E-04	9.30E-05	9.12E-05	9.34E-07	4.08E-06	1.19E-07	5.21E-07	4.49E-07	1.96E-06	1.70E-04	9.36E-05	9.36E-05	3.57E-04	5.9E-08	1.8E-07	1.0E-07	5.7E-08	5.7E-08	5.1E-08	2.3E-08	2.0E-09	4.7E-08	1.3E-08	3.8E-09	2.4E-09	2.0E-09	0.0E+00	7.1E-08
918	UCART1	593887.59	4123839.92	593887.59, 4123839.92	0.11245	0.07162	0.07705	0.04021	0.0674	1.52E-04	8.76E-05	8.49E-05	8.81E-07	3.84E-06	1.12E-07	4.90E-07	4.24E-07	1.85E-06	1.56E-04	8.82E-05	8.71E-05	3.32E-04	5.4E-08	1.6E-07	9.5E-08	5.3E-08	5.3E-08	4.8E-08	2.2E-08	1.8E-09	4.4E-08	1.2E-08	3.6E-09	2.2E-09	1.9E-09	0.0E+00	6.5E-08
919	UCART1	593927.59	4123839.92	593927.59, 4123839.92	0.10353	0.06764	0.07192	0.03802	0.06346	1.40E-04	8.27E-05	7.92E-05	8.33E-07	3.62E-06	1.06E-07	4.61E-07	4.01E-07	1.74E-06	1.44E-04	8.33E-05	8.14E-05	3.09E-04	5.0E-08	1.5E-07	8.7E-08	5.0E-08	4.9E-08	4.5E-08	2.0E-08	1.7E-09	4.0E-08	1.1E-08	3.4E-09	2.1E-09	1.8E-09	0.0E+00	6.0E-08
920	UCART1	593967.59	4123839.92	593967.59, 4123839.92	0.09546	0.06397	0.06742	0.03603	0.05971	1.29E-04	7.83E-05	7.43E-05	7.90E-07	3.40E-06	1.01E-07	4.34E-07	3.80E-07	1.64E-06	1.33E-04	7.88E-05	7.63E-05	2.88E-04	4.6E-08	1.4E-07	8.0E-08	4.8E-08	4.6E-08	4.2E-08	1.9E-08	1.5E-09	3.7E-08	1.0E-08	3.2E-09	2.0E-09	1.7E-09	0.0E+00	5.6E-08
921	UCART1	594007.59	4123839.92	594007.59, 4123839.92	0.08832	0.06059	0.06354	0.03424	0.05623	1.19E-04	7.41E-05	7.00E-05	7.50E-07	3.21E-06	9.57E-08	4.09E-07	3.61E-07	1.54E-06	1.23E-04	7.46E-05	7.19E-05	2.70E-04	4.3E-08	1.3E-07	7.4E-08	4.5E-08	4.3E-08	3.9E-08	1.8E-08	1.4E-09	3.4E-08	9.5E-09	3.1E-09	1.8E-09	1.6E-09	0.0E+00	5.2E-08
922	UCART1	593087.59	4123879.92	593087.59, 4123879.92	0.29373	0.25878	0.21048	0.17761	0.18385	3.96E-04	3.17E-04	2.32E-04	3.89E-06	1.05E-05	4.96E-07	1.34E-06	1.87E-06	5.04E-06	4.10E-04	3.18E-04	2.39E-04	9.68E-04	1.4E-07	4.3E-07	2.5E-07	1.9E-07	1.4E-07	1.3E-07	6.0E-08	4.7E-09	1.1E-07	3.2E-08	1.3E-08	6.1E-09	5.2E-09	0.0E+00	1.8E-07
923	UCART1	593127.59	4123879.92	593127.59, 4123879.92	0.29626	0.25773	0.20624	0.16123	0.17661	4.00E-04	3.15E-04	2.27E-04	3.53E-06	1.01E-05	4.51E-07	1.28E-06	1.70E-06	4.84E-06	4.13E-04	3.17E-04	2.34E-04	9.64E-04	1.4E-07	4.3E-07	2.5E-07	1.9E-07	1.4E-07	1.3E-07	5.8E-08	4.8E-09	1.2E-07	3.2E-08	1.3E-08	6.0E-09	5.1E-09	0.0E+00	1.8E-07
924	UCART1	593167.59	4123879.92	593167.59, 4123879.92	0.29616	0.25742	0.20208	0.14562	0.16936	3.99E-04	3.15E-04	2.23E-04	3.19E-06	9.65E-06	4.07E-07	1.23E-06	1.53E-06	4.64E-06	4.12E-04	3.17E-04	2.29E-04	9.58E-04	1.4E-07	4.3E-07	2.5E-07	1.9E-07	1.4E-07	1.3E-07	5.7E-08	4.8E-09	1.2E-07	3.2E-08	1.3E-08	5.9E-09	5.0E-09	0.0E+00	1.8E-07
925	UCART1	593207.59	4123879.92	593207.59, 4123879.92	0.2939	0.25017	0.19806	0.13131	0.16217	3.96E-04	3.06E-04	2.18E-04	2.88E-06	9.24E-06	3.67E-07	1.18E-06	1.38E-06	4.44E-06	4.08E-04	3.08E-04	2.24E-04	9.40E-04	1.4E-07	4.3E-07	2.5E-07	1.9E-07	1.4E-07	1.2E-07	5.6E-08	4.7E-09	1.1E-07	3.1E-08	1.3E-08	5.8E-09	4.9E-09	0.0E+00	1.7E-07
926	UCART1	593247.59	4123879.92	593247.59, 4123879.92	0.28973	0.23337	0.19369	0.11887	0.15507	3.91E-04	2.85E-04	2.13E-04	2.60E-06	8.84E-06	3.32E-07	1.13E-06	1.25E-06	4.25E-06	4.02E-04	2.87E-04	2.19E-04	9.08E-04	1.4E-07	4.2E-07	2.4E-07	1.7E-07	1.3E-07	1.2E-07	5.5E-08	4.6E-09	1.1E-07	3.1E-08	1.2E-08	5.6E-09	4.8E-09	0.0E+00	1.7E-07
927	UCART1	593287.59	4123879.92	593287.59, 4123879.92	0.28367	0.21455	0.18829	0.10834	0.14793	3.83E-04	2.62E-04	2.07E-04	2.37E-06	8.43E-06	3.03E-07	1.08E-06	1.14E-06	4.05E-06	3.93E-04	2.64E-04	2.13E-04	8.70E-04	1.4E-07	4.1E-07	2.4E-07	1.6E-07	1.3E-07	1.2E-07	5.3E-08	4.5E-09	1.1E-07	3.0E-08	1.1E-08	5.5E-09	4.6E-09	0.0E+00	1.7E-07
928	UCART1	593327.59	4123879.92	593327.59, 4123879.92	0.2757	0.19972	0.18131	0.09946	0.14092	3.72E-04	2.44E-04	2.00E-04	2.18E-06	8.03E-06	2.78E-07	1.02E-06	1.05E-06	3.86E-06	3.82E-04	2.46E-04	2.05E-04	8.32E-04	1.3E-07	4.0E-07	2.3E-07	1.5E-07	1.2E-07	1.1E-07	5.1E-08	4.4E-09	1.1E-07	2.9E-08	1.0E-08	5.3E-09	4.5E-09	0.0E+00	1.6E-07
929	UCART1	593367.59	4123879.92	593367.59, 4123879.92	0.26595	0.1834	0.17272	0.09187	0.13415	3.59E-04	2.24E-04	1.90E-04	2.01E-06	7.65E-06	2.57E-07	9.75E-07	9.68E-07	3.68E-06	3.68E-04	2.26E-04	1.95E-04	7.89E-04	1.3E-07	3.8E-07	2.2E-07	1.4E-07	1.2E-07	1.1E-07	4.9E-08	4.3E-09	1.0E-07	2.8E-08	9.3E-09	5.0E-09	4.2E-09	0.0E+00	1.5E-07
930	UCART1	593407.59	4123879.92	593407.59, 4123879.92	0.25427	0.16259	0.16265	0.08515	0.12746	3.43E-04	1.99E-04	1.79E-04	1.87E-06	7.27E-06	2.38E-07	9.27E-07	8.97E-07	3.49E-06	3.52E-04	2.00E-04	1.84E-04	7.36E-04	1.2E-07	3.7E-07	2.1E-07	1.2E-07	1.1E-07	1.0E-07	4.6E-08	4.1E-09	9.8E-08	2.7E-08	8.2E-09	4.7E-09	4.0E-09	0.0E+00	1.5E-07
931	UCART1	593447.59	4123879.92	593447.59, 4123879.92	0.24095	0.14548	0.15173	0.07915	0.12105	3.25E-04	1.78E-04	1.67E-04	1.73E-06	6.90E-06	2.21E-07	8.80E-07	8.34E-07	3.32E-06	3.34E-04	1.79E-04	1.71E-04	6.84E-04	1.2E-07	3.5E-07	2.0E-07	1.1E-07	1.0E-07	9.4E-08	4.3E-08	3.9E-09	9.3E-08	2.6E-08	7.4E-09	4.4E-09	3.7E-09	0.0E+00	1.4E-07
932	UCART1	593487.59	4123879.92	593487.59, 4123879.92	0.2264	0.13596	0.14056	0.07371	0.11487	3.05E-04	1.66E-04	1.55E-04	1.62E-06	6.55E-06	2.06E-07	8.35E-07	7.77E-07	3.15E-06	3.13E-04	1.67E-04	1.59E-04	6.40E-04	1.1E-07	3.3E-07	1.9E-07	1.0E-07	9.6E-08	8.7E-08	4.0E-08	3.6E-09	8.8E-08	2.4E-08	6.9E-09	4.1E-09	3.5E-09	0.0E+00	1.3E-07
933	UCART1	593527.59	4123879.92	593527.59, 4123879.92	0.2111	0.12955	0.12975	0.06876	0.10883	2.85E-04	1.58E-04	1.43E-04	1.51E-06	6.20E-06	1.92E-07	7.91E-07	7.24E-07	2.98E-06	2.92E-04	1.59E-04	1.47E-04	5.98E-04	1.0E-07	3.1E-07	1.8E-07	9.6E-08	8.9E-08	8.0E-08	3.7E-08	3.4E-09	8.2E-08	2.3E-08	6.6E-09	3.8E-09	3.2E-09	0.0E+00	1.2E-07
934	UCART1	593567.59	4123879.92	593567.59, 4123879.92	0.1955	0.12208	0.11984	0.06422	0.1028	2.64E-04	1.49E-04	1.32E-04	1.41E-06	5.86E-06	1.80E-07	7.47E-07	6.77E-07	2.82E-06	2.71E-04	1.50E-04	1.35E-04	5.57E-04	9.4E-08	2.8E-07	1.6E-07	9.1E-08	8.2E-08	7.4E-08	3.4E-08	3.1E-09	7.6E-08	2.1E-08	6.2E-09	3.5E-09	3.0E-09	0.0E+00	1.1E-07
935	UCART1	593607.59	4123879.92	593607.59, 4123879.92	0.18005	0.11275	0.1112	0.06007	0.09676	2.43E-04	1.38E-04	1.22E-04	1.32E-06	5.52E-06	1.68E-07	7.03E-07	6.33E-07	2.65E-06	2.50E-04	1.39E-04	1.26E-04	5.14E-04	8.6E-08	2.6E-07	1.5E-07	8.4E-08	7.6E-08	6.9E-08	3.1E-08	2.9E-09	7.0E-08	1.9E-08	5.7E-09	3.2E-09	2.7E-09	0.0E+00	1.0E-07
936	UCART1	593647.59	4123879.92	593647.59, 4123879.92	0.16517	0.1027	0.10389	0.05626	0.0908	2.23E-04	1.26E-04	1.14E-04	1.23E-06	5.18E-06	1.57E-07	6.60E-07	5.93E-07	2.49E-06	2.29E-04	1.26E-04	1.18E-04	4.73E-04	7.9E-08	2.4E-07	1.4E-07	7.7E-08	7.1E-08	6.4E-08	2.9E-08	2.6E-09	6.4E-08	1.8E-08	5.2E-09	3.0E-09	2.6E-09	0.0E+00	9.5E-08
937	UCART1	593687.59	4123879.92	593687.59, 4123879.92	0.15119	0.09328	0.09758	0.05272	0.08498	2.04E-04	1.14E-04	1.07E-04	1.16E-06	4.84E-06	1.47E-07	6.18E-07	5.55E-07	2.33E-06	2.10E-04	1.15E-04	1.10E-04	4.35E-04	7.3E-08	2.2E-07	1.3E-07	7.0E-08	6.7E-08	6.1E-08	2.8E-08	2.4E-09	5.9E-08	1.6E-08	4.7E-09	2.8E-09	2.4E-09	0.0E+00	8.7E-08
938	UCART1	593727.59	4123879.92	593727.59, 4123879.92	0.13856	0.08535	0.09195	0.04953	0.07953	1.87E-04	1.04E-04	1.01E-04	1.09E-06	4.53E-06	1.38E-07	5.78E-07	5.22E-07	2.18E-06	1.92E-04	1.05E-04	1.04E-04	4.02E-04	6.7E-08	2.0E-07	1.2E-07	6.4E-08	6.3E-08	5.7E-08	2.6E-08	2.2E-09	5.4E-08	1.5E-08	4.3E-09	2.7E-09	2.3E-09	0.0E+00	8.0E-08
939	UCART1	593767.59	4123879.92	593767.59, 4123879.92	0.1273	0.07892	0.08652	0.0466	0.07443	1.72E-04	9.65E-05	9.53E-05	1.02E-06	4.24E-06	1.30E-07	5.41E-07	4.91E-07	2.04E-06	1.77E-04	9.72E-05	9.78E-05	3.72E-04	6.1E-08	1.8E-07	1.1E-07	5.9E-08	5.9E-08	5.4E-08	2.4E-08	2.0E-09	4.9E-08	1.4E-08	4.0E-09	2.5E-09	2.1E-09	0.0E+00	7.4E-08
940	UCART1	593807.59	4123879.92	593807.59, 4123879.92	0.11745	0.07373	0.08121	0.04394	0.06986	1.58E-04	9.02E-05	8.95E-05	9.63E-07	3.98E-06	1.23E-07	5.08E-07	4.63E-07	1.91E-06	1.63E-04	9.08E-05	9.18E-05	3.46E-04	5.7E-08	1.7E-07	9.9E-08	5.5E-08	5.6E-08	5.0E-08	2.3E-08	1.9E-09	4.6E-08	1.3E-08	3.7E-09	2.4E-09	2.0E-09	0.0E+00	6.8E-08
941	UCART1	593847.59	4123879.92	593847.59, 4123879.92	0.10867	0.06935	0.07599	0.04147	0.06579	1.47E-04	8.48E-05	8.37E-05	9.09E-07	3.75E-06	1.16E-07	4.78E-07	4.37E-07	1.80E-06	1.51E-04	8.54E-05	8.59E-05	3.23E-04	5.2E-08	1.6E-07	9.1E-08	5.2E-08	5.2E-08	4.7E-08	2.2E-08	1.7E-09	4.2E-08	1.2E-08	3.5E-09	2.2E-09	1.9E-09	0.0E+00	6.3E-08
942	UCART1	593887.59	4123879.92	593887.59, 4123879.92	0.10068	0.06552	0.07102	0.03919	0.06213	1.36E-04	8.02E-05	7.82E-05	8.59E-07	3.54E-06	1.10E-07	4.52E-07	4.13E-07	1.70E-06	1.40E-04	8.07E-05	8.03E-05	3.01E-04	4.9E-08	1.5E-07	8.5E-08	4.9E-08	4.9E-08	4.4E-08	2.0E-08	1.6E-09	3.9E-08	1.1E-08	3.3E-09	2.1E-09	1.8E-09	0.0E+00	5.9E-08

OPERATIONAL RISK (UNMITIGATED)

COMBINED RISK (UNMITIGATED)

Discrete Receptor ID					Concentration [ug/m^3]		Residential Dose							Risk by Age Group						
					Construction	Operations	Construction			Operations				Construction		Operations				
	X	Y	X, Y		Total	Total	3rd Tri	C 0<2	O 0<2	2<9	9<16	16<30	3rd Tri	C 0<2	O 0<2	2<9	9<16	16<30	Total Risk
1 UCART3	592567.6	4122799.92	592567.59, 4122799.92		5.17E-04	6.53E-05	1.8E-07	5.4E-07	6.8E-08	4.0E-08	3.6E-08	1.6E-08	7.0E-09	1.7E-07	4.0E-08	6.1E-09	1.2E-08	2.5E-09	2.4E-07
2 UCART3	592607.6	4122799.92	592607.59, 4122799.92		5.40E-04	6.88E-05	1.9E-07	5.6E-07	7.2E-08	4.2E-08	3.8E-08	1.7E-08	7.3E-09	1.8E-07	4.2E-08	6.4E-09	1.2E-08	2.6E-09	2.5E-07
3 UCART3	592647.6	4122799.92	592647.59, 4122799.92		5.63E-04	7.22E-05	1.9E-07	5.9E-07	7.5E-08	4.4E-08	4.0E-08	1.8E-08	7.7E-09	1.9E-07	4.4E-08	6.7E-09	1.3E-08	2.7E-09	2.6E-07
4 UCART3	592687.6	4122799.92	592687.59, 4122799.92		5.94E-04	7.71E-05	2.1E-07	6.2E-07	8.1E-08	4.7E-08	4.2E-08	1.9E-08	8.1E-09	2.0E-07	4.7E-08	7.1E-09	1.4E-08	2.9E-09	2.7E-07
5 UCART3	592727.6	4122799.92	592727.59, 4122799.92		6.24E-04	8.14E-05	2.2E-07	6.5E-07	8.5E-08	4.9E-08	4.5E-08	2.0E-08	8.5E-09	2.0E-07	5.0E-08	7.5E-09	1.5E-08	3.1E-09	2.9E-07
6 UCART3	592767.6	4122799.92	592767.59, 4122799.92		6.60E-04	8.64E-05	2.3E-07	6.9E-07	9.0E-08	5.2E-08	4.7E-08	2.2E-08	9.0E-09	2.2E-07	5.3E-08	8.0E-09	1.6E-08	3.3E-09	3.1E-07
7 UCART3	592807.6	4122799.92	592807.59, 4122799.92		7.02E-04	9.20E-05	2.4E-07	7.3E-07	9.6E-08	5.6E-08	5.0E-08	2.3E-08	9.5E-09	2.3E-07	5.7E-08	8.5E-09	1.7E-08	3.5E-09	3.3E-07
8 UCART3	592847.6	4122799.92	592847.59, 4122799.92		7.39E-04	9.62E-05	2.6E-07	7.7E-07	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.0E-08	2.4E-07	5.9E-08	8.9E-09	1.7E-08	3.7E-09	3.4E-07
9 UCART3	592887.6	4122799.92	592887.59, 4122799.92		7.87E-04	1.02E-04	2.7E-07	8.2E-07	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.1E-08	2.6E-07	6.3E-08	9.5E-09	1.9E-08	3.9E-09	3.6E-07
10 UCART3	592927.6	4122799.92	592927.59, 4122799.92		8.42E-04	1.09E-04	2.9E-07	8.8E-07	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.1E-08	2.8E-07	6.7E-08	1.0E-08	2.0E-08	4.2E-09	3.9E-07
11 UCART3	592967.6	4122799.92	592967.59, 4122799.92		8.99E-04	1.16E-04	3.1E-07	9.4E-07	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.2E-08	3.0E-07	7.2E-08	1.1E-08	2.1E-08	4.4E-09	4.2E-07
12 UCART3	593007.6	4122799.92	593007.59, 4122799.92		9.55E-04	1.23E-04	3.3E-07	1.0E-06	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.3E-08	3.1E-07	7.6E-08	1.1E-08	2.2E-08	4.7E-09	4.4E-07
13 UCART3	593047.6	4122799.92	593047.59, 4122799.92		1.02E-03	1.32E-04	3.5E-07	1.1E-06	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.4E-08	3.4E-07	8.1E-08	1.2E-08	2.4E-08	5.0E-09	4.7E-07
14 UCART3	593087.6	4122799.92	593087.59, 4122799.92		1.09E-03	1.41E-04	3.8E-07	1.1E-06	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.5E-08	3.6E-07	8.7E-08	1.3E-08	2.5E-08	5.3E-09	5.0E-07
15 UCART3	593127.6	4122799.92	593127.59, 4122799.92		1.16E-03	1.59E-04	4.0E-07	1.2E-06	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.6E-08	3.8E-07	9.8E-08	1.5E-08	2.9E-08	6.0E-09	5.4E-07
16 UCART3	593167.6	4122799.92	593167.59, 4122799.92		1.24E-03	1.68E-04	4.3E-07	1.3E-06	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.7E-08	4.1E-07	1.0E-07	1.6E-08	3.0E-08	6.4E-09	5.8E-07
17 UCART3	593207.6	4122799.92	593207.59, 4122799.92		1.33E-03	1.86E-04	4.6E-07	1.4E-06	1.9E-07	1.1E-07	1.0E-07	4.7E-08	1.8E-08	4.4E-07	1.1E-07	1.7E-08	3.4E-08	7.1E-09	6.3E-07
18 UCART3	593247.6	4122799.92	593247.59, 4122799.92		1.41E-03	1.95E-04	4.9E-07	1.5E-06	2.0E-07	1.2E-07	1.1E-07	4.9E-08	1.9E-08	4.6E-07	1.2E-07	1.8E-08	3.5E-08	7.4E-09	6.6E-07
19 UCART3	593287.6	4122799.92	593287.59, 4122799.92		1.48E-03	2.03E-04	5.1E-07	1.6E-06	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.0E-08	4.9E-07	1.3E-07	1.9E-08	3.7E-08	7.7E-09	7.0E-07
20 UCART3	593327.6	4122799.92	593327.59, 4122799.92		1.56E-03	2.12E-04	5.4E-07	1.6E-06	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.1E-08	5.1E-07	1.3E-07	2.0E-08	3.8E-08	8.1E-09	7.3E-07
21 UCART3	593367.6	4122799.92	593367.59, 4122799.92		1.64E-03	2.22E-04	5.7E-07	1.7E-06	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.2E-08	5.4E-07	1.4E-07	2.1E-08	4.0E-08	8.4E-09	7.7E-07
22 UCART3	593407.6	4122799.92	593407.59, 4122799.92		1.73E-03	2.33E-04	6.0E-07	1.8E-06	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.4E-08	5.7E-07	1.4E-07	2.2E-08	4.2E-08	8.9E-09	8.1E-07
23 UCART3	593447.6	4122799.92	593447.59, 4122799.92		1.80E-03	2.46E-04	6.2E-07	1.9E-06	2.6E-07	1.5E-07	1.3E-07	6.2E-08	2.5E-08	5.9E-07	1.5E-07	2.3E-08	4.5E-08	9.4E-09	8.4E-07
24 UCART3	593487.6	4122799.92	593487.59, 4122799.92		1.88E-03	2.62E-04	6.5E-07	2.0E-06	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.6E-08	6.2E-07	1.6E-07	2.4E-08	4.7E-08	1.0E-08	8.9E-07
25 UCART3	593527.6	4122799.92	593527.59, 4122799.92		1.98E-03	2.80E-04	6.9E-07	2.1E-06	2.9E-07	1.7E-07	1.5E-07	7.0E-08	2.7E-08	6.5E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	9.4E-07
26 UCART3	593567.6	4122799.92	593567.59, 4122799.92		2.10E-03	2.99E-04	7.3E-07	2.2E-06	3.1E-07	1.8E-07	1.6E-07	7.5E-08	2.9E-08	6.9E-07	1.8E-07	2.8E-08	5.4E-08	1.1E-08	1.0E-06
27 UCART3	593607.6	4122799.92	593607.59, 4122799.92		2.25E-03	3.20E-04	7.8E-07	2.4E-06	3.3E-07	1.9E-07	1.8E-07	8.0E-08	3.1E-08	7.4E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	1.1E-06
28 UCART3	593647.6	4122799.92	593647.59, 4122799.92		2.44E-03	3.42E-04	8.4E-07	2.6E-06	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.3E-08	8.0E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	1.2E-06
29 UCART3	593687.6	4122799.92	593687.59, 4122799.92		2.66E-03	3.64E-04	9.2E-07	2.8E-06	3.8E-07	2.2E-07	2.0E-07	9.1E-08	3.6E-08	8.7E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	1.2E-06
30 UCART3	593727.6	4122799.92	593727.59, 4122799.92		2.91E-03	3.86E-04	1.0E-06	3.0E-06	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.0E-08	9.5E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	1.4E-06
31 UCART3	593767.6	4122799.92	593767.59, 4122799.92		3.18E-03	4.12E-04	1.1E-06	3.3E-06	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.3E-08	1.0E-06	2.5E-07	3.8E-08	7.5E-08	1.6E-08	1.5E-06
32 UCART3	593807.6	4122799.92	593807.59, 4122799.92		3.46E-03	4.38E-04	1.2E-06	3.6E-06	4.6E-07	2.6E-07	2.4E-07	1.1E-07	4.7E-08	1.1E-06	2.7E-07	4.1E-08	7.9E-08	1.7E-08	1.6E-06
33 UCART3	593847.6	4122799.92	593847.59, 4122799.92		3.74E-03	4.64E-04	1.3E-06	3.9E-06	4.9E-07	2.8E-07	2.5E-07	1.2E-07	5.1E-08	1.2E-06	2.9E-07	4.3E-08	8.4E-08	1.8E-08	1.7E-06
34 UCART3	593887.6	4122799.92	593887.59, 4122799.92		3.99E-03	4.90E-04	1.4E-06	4.2E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.4E-08	1.3E-06	3.0E-07	4.5E-08	8.9E-08	1.9E-08	1.8E-06
35 UCART3	593927.6	4122799.92	593927.59, 4122799.92		4.22E-03	5.12E-04	1.5E-06	4.4E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.7E-08	1.4E-06	3.2E-07	4.7E-08	9.3E-08	1.9E-08	1.9E-06
36 UCART3	593967.6	4122799.92	593967.59, 4122799.92		4.40E-03	5.30E-04	1.5E-06	4.6E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-08	1.4E-06	3.3E-07	4.9E-08	9.6E-08	2.0E-08	2.0E-06
37 UCART3	594007.6	4122799.92	594007.59, 4122799.92		4.53E-03	5.44E-04	1.6E-06	4.7E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.2E-08	1.5E-06	3.3E-07	5.0E-08	9.8E-08	2.1E-08	2.1E-06
38 UCART3	592567.6	4122839.92	592567.59, 4122839.92		5.49E-04	6.96E-05	1.9E-07	5.7E-07	7.3E-08	4.2E-08	3.8E-08	1.7E-08	7.5E-09	1.8E-07	4.3E-08	6.4E-09	1.3E-08	2.6E-09	2.5E-07
39 UCART3	592607.6	4122839.92	592607.59, 4122839.92		5.76E-04	7.32E-05	2.0E-07	6.0E-07	7.7E-08	4.4E-08	4.0E-08	1.8E-08	7.8E-09	1.9E-07	4.5E-08	6.8E-09	1.3E-08	2.8E-09	2.6E-07
40 UCART3	592647.6	4122839.92	592647.59, 4122839.92		6.01E-04	7.69E-05	2.1E-07	6.3E-07	8.0E-08	4.7E-08	4.2E-08	1.9E-08	8.2E-09	2.0E-07	4.7E-08	7.1E-09	1.4E-08	2.9E-09	2.8E-07
41 UCART3	592687.6	4122839.92	592687.59, 4122839.92		6.30E-04	8.12E-05	2.2E-07	6.6E-07	8.5E-08	4.9E-08	4.5E-08	2.0E-08	8.6E-09	2.1E-07	5.0E-08	7.5E-09	1.5E-08	3.1E-09	2.9E-07
42 UCART3	592727.6	4122839.92	592727.59, 4122839.92		6.65E-04	8.65E-05	2.3E-07	7.0E-07	9.0E-08	5.2E-08	4.7E-08	2.2E-08	9.1E-09	2.2E-07	5.3E-08	8.0E-09	1.6E-08	3.3E-09	3.1E-07
43 UCART3	592767.6	4122839.92	592767.59, 4122839.92		7.09E-04	9.30E-05	2.5E-07	7.4E-07	9.7E-08	5.6E-08	5.1E-08	2.3E-08	9.6E-09	2.3E-07	5.7E-08	8.6E-09	1.7E-08	3.5E-09	3.3E-07
44 UCART3	592807.6	4122839.92	592807.59, 4122839.92		7.50E-04	9.83E-05	2.6E-07	7.8E-07	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.0E-08	2.5E-07	6.1E-08	9.1E-09	1.8E-08	3.7E-09	3.5E-07

OPERATIONAL RISK (UNMITIGATED)

45	UCART3	592847.6	4122839.92	592847.59, 4122839.92	7.94E-04	1.04E-04	2.7E-07	8.3E-07	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.1E-08	2.6E-07	6.4E-08	9.6E-09	1.9E-08	3.9E-09	3.7E-07
46	UCART3	592887.6	4122839.92	592887.59, 4122839.92	8.46E-04	1.10E-04	2.9E-07	8.8E-07	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.2E-08	2.8E-07	6.8E-08	1.0E-08	2.0E-08	4.2E-09	3.9E-07
47	UCART3	592927.6	4122839.92	592927.59, 4122839.92	9.10E-04	1.19E-04	3.2E-07	9.5E-07	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.2E-08	3.0E-07	7.3E-08	1.1E-08	2.1E-08	4.5E-09	4.2E-07
48	UCART3	592967.6	4122839.92	592967.59, 4122839.92	9.77E-04	1.27E-04	3.4E-07	1.0E-06	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.3E-08	3.2E-07	7.8E-08	1.2E-08	2.3E-08	4.8E-09	4.5E-07
49	UCART3	593007.6	4122839.92	593007.59, 4122839.92	1.06E-03	1.39E-04	3.7E-07	1.1E-06	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.4E-08	3.5E-07	8.5E-08	1.3E-08	2.5E-08	5.3E-09	4.9E-07
50	UCART3	593047.6	4122839.92	593047.59, 4122839.92	1.14E-03	1.59E-04	4.0E-07	1.2E-06	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.6E-08	3.8E-07	9.8E-08	1.5E-08	2.9E-08	6.1E-09	5.4E-07
51	UCART3	593087.6	4122839.92	593087.59, 4122839.92	1.21E-03	1.56E-04	4.2E-07	1.3E-06	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.6E-08	4.0E-07	9.6E-08	1.4E-08	2.8E-08	5.9E-09	5.6E-07
52	UCART3	593127.6	4122839.92	593127.59, 4122839.92	1.29E-03	1.77E-04	4.5E-07	1.4E-06	1.8E-07	1.1E-07	9.7E-08	4.4E-08	1.8E-08	4.3E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	6.1E-07
53	UCART3	593167.6	4122839.92	593167.59, 4122839.92	1.39E-03	1.98E-04	4.8E-07	1.5E-06	2.1E-07	1.2E-07	1.1E-07	4.9E-08	1.9E-08	4.6E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	6.6E-07
54	UCART3	593207.6	4122839.92	593207.59, 4122839.92	1.50E-03	2.09E-04	5.2E-07	1.6E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.0E-08	4.9E-07	1.3E-07	1.9E-08	3.8E-08	7.9E-09	7.1E-07
55	UCART3	593247.6	4122839.92	593247.59, 4122839.92	1.61E-03	2.19E-04	5.6E-07	1.7E-06	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.2E-08	5.3E-07	1.4E-07	2.0E-08	4.0E-08	8.3E-09	7.5E-07
56	UCART3	593287.6	4122839.92	593287.59, 4122839.92	1.71E-03	2.30E-04	5.9E-07	1.8E-06	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.3E-08	5.6E-07	1.4E-07	2.1E-08	4.2E-08	8.7E-09	8.0E-07
57	UCART3	593327.6	4122839.92	593327.59, 4122839.92	1.81E-03	2.40E-04	6.3E-07	1.9E-06	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.5E-08	5.9E-07	1.5E-07	2.2E-08	4.4E-08	9.1E-09	8.4E-07
58	UCART3	593367.6	4122839.92	593367.59, 4122839.92	1.90E-03	2.52E-04	6.6E-07	2.0E-06	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.6E-08	6.3E-07	1.6E-07	2.3E-08	4.6E-08	9.6E-09	8.9E-07
59	UCART3	593407.6	4122839.92	593407.59, 4122839.92	2.02E-03	2.66E-04	7.0E-07	2.1E-06	2.8E-07	1.6E-07	1.5E-07	6.7E-08	2.7E-08	6.6E-07	1.6E-07	2.5E-08	4.8E-08	1.0E-08	9.4E-07
60	UCART3	593447.6	4122839.92	593447.59, 4122839.92	2.11E-03	2.83E-04	7.3E-07	2.2E-06	3.0E-07	1.7E-07	1.6E-07	7.1E-08	2.9E-08	6.9E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	9.8E-07
61	UCART3	593487.6	4122839.92	593487.59, 4122839.92	2.22E-03	3.02E-04	7.7E-07	2.3E-06	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.0E-08	7.3E-07	1.9E-07	2.8E-08	5.5E-08	1.2E-08	1.0E-06
62	UCART3	593527.6	4122839.92	593527.59, 4122839.92	2.35E-03	3.25E-04	8.1E-07	2.5E-06	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.2E-08	7.7E-07	2.0E-07	3.0E-08	5.9E-08	1.2E-08	1.1E-06
63	UCART3	593567.6	4122839.92	593567.59, 4122839.92	2.53E-03	3.50E-04	8.8E-07	2.6E-06	3.7E-07	2.1E-07	1.9E-07	8.8E-08	3.4E-08	8.3E-07	2.2E-07	3.2E-08	6.3E-08	1.3E-08	1.2E-06
64	UCART3	593607.6	4122839.92	593607.59, 4122839.92	2.74E-03	3.75E-04	9.5E-07	2.9E-06	3.9E-07	2.3E-07	2.1E-07	9.4E-08	3.7E-08	9.0E-07	2.3E-07	3.5E-08	6.8E-08	1.4E-08	1.3E-06
65	UCART3	593647.6	4122839.92	593647.59, 4122839.92	3.01E-03	4.03E-04	1.0E-06	3.1E-06	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.1E-08	9.9E-07	2.5E-07	3.7E-08	7.3E-08	1.5E-08	1.4E-06
66	UCART3	593687.6	4122839.92	593687.59, 4122839.92	3.32E-03	4.31E-04	1.1E-06	3.5E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.5E-08	1.1E-06	2.7E-07	4.0E-08	7.8E-08	1.6E-08	1.5E-06
67	UCART3	593727.6	4122839.92	593727.59, 4122839.92	3.64E-03	4.60E-04	1.3E-06	3.8E-06	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.0E-08	1.2E-06	2.8E-07	4.3E-08	8.3E-08	1.7E-08	1.7E-06
68	UCART3	593767.6	4122839.92	593767.59, 4122839.92	3.99E-03	4.91E-04	1.4E-06	4.2E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.4E-08	1.3E-06	3.0E-07	4.6E-08	8.9E-08	1.9E-08	1.8E-06
69	UCART3	593807.6	4122839.92	593807.59, 4122839.92	4.32E-03	5.22E-04	1.5E-06	4.5E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.9E-08	1.4E-06	3.2E-07	4.8E-08	9.4E-08	2.0E-08	2.0E-06
70	UCART3	593847.6	4122839.92	593847.59, 4122839.92	4.64E-03	5.52E-04	1.6E-06	4.9E-06	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-08	1.5E-06	3.4E-07	5.1E-08	1.0E-07	2.1E-08	2.1E-06
71	UCART3	593887.6	4122839.92	593887.59, 4122839.92	4.91E-03	5.79E-04	1.7E-06	5.1E-06	6.1E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-08	1.6E-06	3.6E-07	5.4E-08	1.0E-07	2.2E-08	2.2E-06
72	UCART3	593927.6	4122839.92	593927.59, 4122839.92	5.13E-03	6.01E-04	1.8E-06	5.4E-06	6.3E-07	3.6E-07	3.3E-07	1.5E-07	7.0E-08	1.7E-06	3.7E-07	5.6E-08	1.1E-07	2.3E-08	2.3E-06
73	UCART3	593967.6	4122839.92	593967.59, 4122839.92	5.28E-03	6.16E-04	1.8E-06	5.5E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.2E-08	1.7E-06	3.8E-07	5.7E-08	1.1E-07	2.3E-08	2.4E-06
74	UCART3	594007.6	4122839.92	594007.59, 4122839.92	5.35E-03	6.26E-04	1.9E-06	5.6E-06	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.3E-08	1.8E-06	3.9E-07	5.8E-08	1.1E-07	2.4E-08	2.4E-06
75	UCART3	592567.6	4122879.92	592567.59, 4122879.92	5.85E-04	7.46E-05	2.0E-07	6.1E-07	7.8E-08	4.5E-08	4.1E-08	1.9E-08	7.9E-09	1.9E-07	4.6E-08	6.9E-09	1.3E-08	2.8E-09	2.7E-07
76	UCART3	592607.6	4122879.92	592607.59, 4122879.92	6.14E-04	7.87E-05	2.1E-07	6.4E-07	8.2E-08	4.8E-08	4.3E-08	2.0E-08	8.4E-09	2.0E-07	4.8E-08	7.3E-09	1.4E-08	3.0E-09	2.8E-07
77	UCART3	592647.6	4122879.92	592647.59, 4122879.92	6.43E-04	8.24E-05	2.2E-07	6.7E-07	8.6E-08	5.0E-08	4.5E-08	2.1E-08	8.7E-09	2.1E-07	5.1E-08	7.6E-09	1.5E-08	3.1E-09	3.0E-07
78	UCART3	592687.6	4122879.92	592687.59, 4122879.92	6.73E-04	8.63E-05	2.3E-07	7.0E-07	9.0E-08	5.2E-08	4.7E-08	2.2E-08	9.2E-09	2.2E-07	5.3E-08	8.0E-09	1.6E-08	3.3E-09	3.1E-07
79	UCART3	592727.6	4122879.92	592727.59, 4122879.92	7.16E-04	9.30E-05	2.5E-07	7.5E-07	9.7E-08	5.6E-08	5.1E-08	2.3E-08	9.7E-09	2.4E-07	5.7E-08	8.6E-09	1.7E-08	3.5E-09	3.3E-07
80	UCART3	592767.6	4122879.92	592767.59, 4122879.92	7.63E-04	9.98E-05	2.6E-07	8.0E-07	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.0E-08	2.5E-07	6.1E-08	9.3E-09	1.8E-08	3.8E-09	3.5E-07
81	UCART3	592807.6	4122879.92	592807.59, 4122879.92	8.07E-04	1.06E-04	2.8E-07	8.4E-07	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.1E-08	2.6E-07	6.5E-08	9.8E-09	1.9E-08	4.0E-09	3.7E-07
82	UCART3	592847.6	4122879.92	592847.59, 4122879.92	8.64E-04	1.14E-04	3.0E-07	9.0E-07	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.2E-08	2.8E-07	7.0E-08	1.1E-08	2.1E-08	4.3E-09	4.0E-07
83	UCART3	592887.6	4122879.92	592887.59, 4122879.92	9.28E-04	1.22E-04	3.2E-07	9.7E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.3E-08	3.0E-07	7.5E-08	1.1E-08	2.2E-08	4.6E-09	4.3E-07
84	UCART3	592927.6	4122879.92	592927.59, 4122879.92	1.00E-03	1.31E-04	3.5E-07	1.0E-06	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.4E-08	3.3E-07	8.1E-08	1.2E-08	2.4E-08	5.0E-09	4.6E-07
85	UCART3	592967.6	4122879.92	592967.59, 4122879.92	1.08E-03	1.41E-04	3.7E-07	1.1E-06	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.5E-08	3.6E-07	8.7E-08	1.3E-08	2.5E-08	5.4E-09	5.0E-07
86	UCART3	593007.6	4122879.92	593007.59, 4122879.92	1.17E-03	1.52E-04	4.0E-07	1.2E-06	1.6E-07	9.2E-08	8.4E-08	3.8E-08	1.6E-08	3.8E-07	9.4E-08	1.4E-08	2.8E-08	5.8E-09	5.4E-07
87	UCART3	593047.6	4122879.92	593047.59, 4122879.92	1.26E-03	1.75E-04	4.4E-07	1.3E-06	1.8E-07	1.1E-07	9.6E-08	4.4E-08	1.7E-08	4.1E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	5.9E-07
88	UCART3	593087.6	4122879.92	593087.59, 4122879.92	1.35E-03	1.85E-04	4.7E-07	1.4E-06	1.9E-07	1.1E-07	1.0E-07	4.6E-08	1.8E-08	4.4E-07	1.1E-07	1.7E-08	3.4E-08	7.1E-09	6.3E-07
89	UCART3	593127.6	4122879.92	593127.59, 4122879.92	1.45E-03	1.97E-04	5.0E-07	1.5E-06	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.0E-08	4.8E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	6.8E-07
90	UCART3	593167.6	4122879.92	593167.59, 4122879.92	1.59E-03	2.23E-04	5.5E-07	1.7E-06	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.2E-08	5.2E-07	1.4E-07	2.1E-08	4.0E-08	8.5E-09	7.5E-07
91	UCART3	593207.6	4122879.92	593207.59, 4122879.92	1.71E-03	2.35E-04	5.9E-07	1.8E-06	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.3E-08	5.6E-07	1.5E-07	2.2E-08	4.3E-08	9.0E-09	8.0E-07
92	UCART3	593247.6	4122879.92	593247.59, 4122879.92	1.86E-03	2.49E-04	6.4E-07	1.9E-06	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.5E-08	6.1E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	8.7E-07
93	UCART3	593287.6	4122879.92	593287.59, 4122879.92	2.00E-03	2.62E-04	6.9E-07	2.1E-06	2.7E-07	1.6E-07	1.4E-07	6.6E-08	2.7E-08	6.6E-07	1.6E-07	2.4E-08	4.7E-08	1.0E-08	9.3E-07
94	UCART3	593327.6	4122879.92	593327.59, 4122879.92	2.12E-03	2.76E-04	7.4E-07	2.2E-06	2.9E-07	1.7E-07	1.5E-07	6.9E-08	2.9E-08	7.0E-07	1.7E-07	2.6E-08	5.0E-08	1.0E-08	9.8E-07
95	UCART3	593367.6	4122879.92	593367.59, 4122879.92	2.24E-03	2.91E-04	7.8E-07	2.3E-06	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.0E-08	7.4E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	1.0E-06
96	UCART3	593407.6	4122879.92	593407.59, 4122879.92	2.37E-03	3.08E-04	8.2E-07	2.5E-06	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.2E-08	7.8E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.1E-06
97	UCART3	593447.6	4122879.92	593447.59, 4122879.92	2.50E-03	3.29E-04	8.7E-07	2.6E-06	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.4E-08	8.2E-07	2.0E-07	3.1E-08	6.0E-08	1.3E-08	1.2E-06
98	UCART3	593487.6	4122879.92	593487.59, 4122879.92	2.66E-03	3.55E-04	9.2E-07	2.8E-06	3.7E-07	2.1E-07	1.9E-07	8.9E-08	3.6E-08	8.7E-07	2.2E-07	3.3E-08	6.4E-08	1.3E-08	1.2E-06

OPERATIONAL RISK (UNMITIGATED)

99	UCART3	593527.6	4122879.92	593527.59, 4122879.92	2.86E-03	3.84E-04	9.9E-07	3.0E-06	4.0E-07	2.3E-07	2.1E-07	9.6E-08	3.9E-08	9.4E-07	2.4E-07	3.6E-08	6.9E-08	1.5E-08	1.3E-06
100	UCART3	593567.6	4122879.92	593567.59, 4122879.92	3.12E-03	4.15E-04	1.1E-06	3.3E-06	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.2E-08	1.0E-06	2.6E-07	3.8E-08	7.5E-08	1.6E-08	1.5E-06
101	UCART3	593607.6	4122879.92	593607.59, 4122879.92	3.42E-03	4.47E-04	1.2E-06	3.6E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.7E-08	1.1E-06	2.8E-07	4.1E-08	8.1E-08	1.7E-08	1.6E-06
102	UCART3	593647.6	4122879.92	593647.59, 4122879.92	3.81E-03	4.82E-04	1.3E-06	4.0E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.2E-08	1.3E-06	3.0E-07	4.5E-08	8.7E-08	1.8E-08	1.7E-06
103	UCART3	593687.6	4122879.92	593687.59, 4122879.92	4.23E-03	5.17E-04	1.5E-06	4.4E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.8E-08	1.4E-06	3.2E-07	4.8E-08	9.4E-08	2.0E-08	1.9E-06
104	UCART3	593727.6	4122879.92	593727.59, 4122879.92	4.66E-03	5.54E-04	1.6E-06	4.9E-06	5.8E-07	3.4E-07	3.0E-07	1.4E-07	6.3E-08	1.5E-06	3.4E-07	5.1E-08	1.0E-07	2.1E-08	2.1E-06
105	UCART3	593767.6	4122879.92	593767.59, 4122879.92	5.09E-03	5.92E-04	1.8E-06	5.3E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.9E-08	1.7E-06	3.6E-07	5.5E-08	1.1E-07	2.3E-08	2.3E-06
106	UCART3	593807.6	4122879.92	593807.59, 4122879.92	5.48E-03	6.28E-04	1.9E-06	5.7E-06	6.6E-07	3.8E-07	3.4E-07	1.6E-07	7.4E-08	1.8E-06	3.9E-07	5.8E-08	1.1E-07	2.4E-08	2.5E-06
107	UCART3	593847.6	4122879.92	593847.59, 4122879.92	5.81E-03	6.61E-04	2.0E-06	6.1E-06	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.9E-08	1.9E-06	4.1E-07	6.1E-08	1.2E-07	2.5E-08	2.6E-06
108	UCART3	593887.6	4122879.92	593887.59, 4122879.92	6.06E-03	6.87E-04	2.1E-06	6.3E-06	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.2E-08	2.0E-06	4.2E-07	6.4E-08	1.2E-07	2.6E-08	2.7E-06
109	UCART3	593927.6	4122879.92	593927.59, 4122879.92	6.23E-03	7.06E-04	2.2E-06	6.5E-06	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.5E-08	2.0E-06	4.3E-07	6.5E-08	1.3E-07	2.7E-08	2.8E-06
110	UCART3	593967.6	4122879.92	593967.59, 4122879.92	6.30E-03	7.16E-04	2.2E-06	6.6E-06	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.6E-08	2.1E-06	4.4E-07	6.6E-08	1.3E-07	2.7E-08	2.8E-06
111	UCART3	594007.6	4122879.92	594007.59, 4122879.92	6.27E-03	7.19E-04	2.2E-06	6.6E-06	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.5E-08	2.1E-06	4.4E-07	6.7E-08	1.3E-07	2.7E-08	2.8E-06
112	UCART3	592567.6	4122919.92	592567.59, 4122919.92	6.22E-04	8.00E-05	2.2E-07	6.5E-07	8.4E-08	4.8E-08	4.4E-08	2.0E-08	8.5E-09	2.0E-07	4.9E-08	7.4E-09	1.4E-08	3.0E-09	2.9E-07
113	UCART3	592607.6	4122919.92	592607.59, 4122919.92	6.54E-04	8.42E-05	2.3E-07	6.8E-07	8.8E-08	5.1E-08	4.6E-08	2.1E-08	8.9E-09	2.1E-07	5.2E-08	7.8E-09	1.5E-08	3.2E-09	3.0E-07
114	UCART3	592647.6	4122919.92	592647.59, 4122919.92	6.90E-04	8.92E-05	2.4E-07	7.2E-07	9.3E-08	5.4E-08	4.9E-08	2.2E-08	9.4E-09	2.3E-07	5.5E-08	8.3E-09	1.6E-08	3.4E-09	3.2E-07
115	UCART3	592687.6	4122919.92	592687.59, 4122919.92	7.30E-04	9.46E-05	2.5E-07	7.6E-07	9.9E-08	5.7E-08	5.2E-08	2.4E-08	9.9E-09	2.4E-07	5.8E-08	8.8E-09	1.7E-08	3.6E-09	3.4E-07
116	UCART3	592727.6	4122919.92	592727.59, 4122919.92	7.76E-04	1.01E-04	2.7E-07	8.1E-07	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.1E-08	2.5E-07	6.2E-08	9.4E-09	1.8E-08	3.8E-09	3.6E-07
117	UCART3	592767.6	4122919.92	592767.59, 4122919.92	8.24E-04	1.08E-04	2.9E-07	8.6E-07	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.1E-08	2.7E-07	6.6E-08	1.0E-08	1.9E-08	4.1E-09	3.8E-07
118	UCART3	592807.6	4122919.92	592807.59, 4122919.92	8.75E-04	1.14E-04	3.0E-07	9.1E-07	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.2E-08	2.9E-07	7.0E-08	1.1E-08	2.1E-08	4.4E-09	4.1E-07
119	UCART3	592847.6	4122919.92	592847.59, 4122919.92	9.41E-04	1.24E-04	3.3E-07	9.8E-07	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.3E-08	3.1E-07	7.6E-08	1.2E-08	2.2E-08	4.7E-09	4.4E-07
120	UCART3	592887.6	4122919.92	592887.59, 4122919.92	1.01E-03	1.33E-04	3.5E-07	1.1E-06	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.4E-08	3.3E-07	8.2E-08	1.2E-08	2.4E-08	5.1E-09	4.7E-07
121	UCART3	592927.6	4122919.92	592927.59, 4122919.92	1.11E-03	1.47E-04	3.8E-07	1.2E-06	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.5E-08	3.7E-07	9.0E-08	1.4E-08	2.7E-08	5.6E-09	5.2E-07
122	UCART3	592967.6	4122919.92	592967.59, 4122919.92	1.21E-03	1.61E-04	4.2E-07	1.3E-06	1.7E-07	9.8E-08	8.8E-08	4.0E-08	1.6E-08	4.0E-07	9.9E-08	1.5E-08	2.9E-08	6.1E-09	5.6E-07
123	UCART3	593007.6	4122919.92	593007.59, 4122919.92	1.30E-03	1.72E-04	4.5E-07	1.4E-06	1.8E-07	1.0E-07	9.4E-08	4.3E-08	1.8E-08	4.3E-07	1.1E-07	1.6E-08	3.1E-08	6.5E-09	6.1E-07
124	UCART3	593047.6	4122919.92	593047.59, 4122919.92	1.40E-03	1.83E-04	4.9E-07	1.5E-06	1.9E-07	1.1E-07	1.0E-07	4.6E-08	1.9E-08	4.6E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	6.5E-07
125	UCART3	593087.6	4122919.92	593087.59, 4122919.92	1.52E-03	2.08E-04	5.3E-07	1.6E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.1E-08	5.0E-07	1.3E-07	1.9E-08	3.8E-08	7.9E-09	7.1E-07
126	UCART3	593127.6	4122919.92	593127.59, 4122919.92	1.65E-03	2.24E-04	5.7E-07	1.7E-06	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.2E-08	5.4E-07	1.4E-07	2.1E-08	4.0E-08	8.5E-09	7.7E-07
127	UCART3	593167.6	4122919.92	593167.59, 4122919.92	1.83E-03	2.53E-04	6.3E-07	1.9E-06	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.5E-08	6.0E-07	1.6E-07	2.3E-08	4.6E-08	9.6E-09	8.6E-07
128	UCART3	593207.6	4122919.92	593207.59, 4122919.92	1.97E-03	2.69E-04	6.8E-07	2.1E-06	2.8E-07	1.6E-07	1.5E-07	6.7E-08	2.7E-08	6.5E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	9.2E-07
129	UCART3	593247.6	4122919.92	593247.59, 4122919.92	2.18E-03	2.86E-04	7.5E-07	2.3E-06	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.0E-08	7.1E-07	1.8E-07	2.7E-08	5.2E-08	1.1E-08	1.0E-06
130	UCART3	593287.6	4122919.92	593287.59, 4122919.92	2.34E-03	3.02E-04	8.1E-07	2.4E-06	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.2E-08	7.7E-07	1.9E-07	2.8E-08	5.5E-08	1.2E-08	1.1E-06
131	UCART3	593327.6	4122919.92	593327.59, 4122919.92	2.53E-03	3.20E-04	8.7E-07	2.6E-06	3.3E-07	1.9E-07	1.8E-07	8.0E-08	3.4E-08	8.3E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	1.2E-06
132	UCART3	593367.6	4122919.92	593367.59, 4122919.92	2.68E-03	3.39E-04	9.3E-07	2.8E-06	3.5E-07	2.1E-07	1.9E-07	8.5E-08	3.6E-08	8.8E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	1.2E-06
133	UCART3	593407.6	4122919.92	593407.59, 4122919.92	2.85E-03	3.62E-04	9.9E-07	3.0E-06	3.8E-07	2.2E-07	2.0E-07	9.1E-08	3.9E-08	9.4E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	1.3E-06
134	UCART3	593447.6	4122919.92	593447.59, 4122919.92	3.04E-03	3.90E-04	1.1E-06	3.2E-06	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.1E-08	1.0E-06	2.4E-07	3.6E-08	7.1E-08	1.5E-08	1.4E-06
135	UCART3	593487.6	4122919.92	593487.59, 4122919.92	3.28E-03	4.23E-04	1.1E-06	3.4E-06	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.5E-08	1.1E-06	2.6E-07	3.9E-08	7.7E-08	1.6E-08	1.5E-06
136	UCART3	593527.6	4122919.92	593527.59, 4122919.92	3.57E-03	4.61E-04	1.2E-06	3.7E-06	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.9E-08	1.2E-06	2.8E-07	4.3E-08	8.3E-08	1.8E-08	1.6E-06
137	UCART3	593567.6	4122919.92	593567.59, 4122919.92	3.95E-03	5.01E-04	1.4E-06	4.1E-06	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.4E-08	1.3E-06	3.1E-07	4.6E-08	9.1E-08	1.9E-08	1.8E-06
138	UCART3	593607.6	4122919.92	593607.59, 4122919.92	4.41E-03	5.42E-04	1.5E-06	4.6E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.0E-08	1.4E-06	3.3E-07	5.0E-08	9.8E-08	2.1E-08	2.0E-06
139	UCART3	593647.6	4122919.92	593647.59, 4122919.92	4.95E-03	5.86E-04	1.7E-06	5.2E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-08	1.6E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	2.2E-06
140	UCART3	593687.6	4122919.92	593687.59, 4122919.92	5.52E-03	6.31E-04	1.9E-06	5.8E-06	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.5E-08	1.8E-06	3.9E-07	5.9E-08	1.1E-07	2.4E-08	2.5E-06
141	UCART3	593727.6	4122919.92	593727.59, 4122919.92	6.08E-03	6.77E-04	2.1E-06	6.4E-06	7.1E-07	4.1E-07	3.7E-07	1.7E-07	8.3E-08	2.0E-06	4.2E-07	6.3E-08	1.2E-07	2.6E-08	2.7E-06
142	UCART3	593767.6	4122919.92	593767.59, 4122919.92	6.59E-03	7.22E-04	2.3E-06	6.9E-06	7.5E-07	4.4E-07	4.0E-07	1.8E-07	9.0E-08	2.2E-06	4.4E-07	6.7E-08	1.3E-07	2.7E-08	2.9E-06
143	UCART3	593807.6	4122919.92	593807.59, 4122919.92	7.00E-03	7.62E-04	2.4E-06	7.3E-06	8.0E-07	4.6E-07	4.2E-07	1.9E-07	9.5E-08	2.3E-06	4.7E-07	7.1E-08	1.4E-07	2.9E-08	3.1E-06
144	UCART3	593847.6	4122919.92	593847.59, 4122919.92	7.30E-03	7.94E-04	2.5E-06	7.6E-06	8.3E-07	4.8E-07	4.4E-07	2.0E-07	9.9E-08	2.4E-06	4.9E-07	7.4E-08	1.4E-07	3.0E-08	3.2E-06
145	UCART3	593887.6	4122919.92	593887.59, 4122919.92	7.47E-03	8.16E-04	2.6E-06	7.8E-06	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.0E-07	2.5E-06	5.0E-07	7.6E-08	1.5E-07	3.1E-08	3.3E-06
146	UCART3	593927.6	4122919.92	593927.59, 4122919.92	7.51E-03	8.28E-04	2.6E-06	7.8E-06	8.7E-07	5.0E-07	4.5E-07	2.1E-07	1.0E-07	2.5E-06	5.1E-07	7.7E-08	1.5E-07	3.2E-08	3.3E-06
147	UCART3	593967.6	4122919.92	593967.59, 4122919.92	7.42E-03	8.29E-04	2.6E-06	7.8E-06	8.7E-07	5.0E-07	4.5E-07	2.1E-07	1.0E-07	2.4E-06	5.1E-07	7.7E-08	1.5E-07	3.2E-08	3.3E-06
148	UCART3	594007.6	4122919.92	594007.59, 4122919.92	7.22E-03	8.21E-04	2.5E-06	7.5E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.8E-08	2.4E-06	5.1E-07	7.6E-08	1.5E-07	3.1E-08	3.2E-06
149	UCART3	592567.6	4122959.92	592567.59, 4122959.92	6.67E-04	8.75E-05	2.3E-07	7.0E-07	9.1E-08	5.3E-08	4.8E-08	2.2E-08	9.1E-09	2.2E-07	5.4E-08	8.1E-09	1.6E-08	3.3E-09	3.1E-07
150	UCART3	592607.6	4122959.92	592607.59, 4122959.92	7.00E-04	9.13E-05	2.4E-07	7.3E-07	9.5E-08	5.5E-08	5.0E-08	2.3E-08	9.5E-09	2.3E-07	5.6E-08	8.5E-09	1.7E-08	3.5E-09	3.2E-07
151	UCART3	592647.6	4122959.92	592647.59, 4122959.92	7.40E-04	9.67E-05	2.6E-07	7.7E-07	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.0E-08	2.4E-07	6.0E-08	9.0E-09	1.8E-08	3.7E-09	3.4E-07
152	UCART3	592687.6	4122959.92	592687.59, 4122959.92	7.85E-04	1.03E-04	2.7E-07	8.2E-07	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.1E-08	2.6E-07	6.3E-08	9.5E-09	1.9E-08	3.9E-09	3.6E-07

OPERATIONAL RISK (UNMITIGATED)

153	UCART3	592727.6	4122959.92	592727.59, 4122959.92	8.38E-04	1.10E-04	2.9E-07	8.8E-07	1.1E-07	6.7E-08	6.0E-08	2.8E-08	1.1E-08	2.8E-07	6.8E-08	1.0E-08	2.0E-08	4.2E-09	3.9E-07
154	UCART3	592767.6	4122959.92	592767.59, 4122959.92	8.94E-04	1.17E-04	3.1E-07	9.3E-07	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.2E-08	2.9E-07	7.2E-08	1.1E-08	2.1E-08	4.5E-09	4.1E-07
155	UCART3	592807.6	4122959.92	592807.59, 4122959.92	9.53E-04	1.25E-04	3.3E-07	1.0E-06	1.3E-07	7.6E-08	6.8E-08	3.1E-08	1.3E-08	3.1E-07	7.7E-08	1.2E-08	2.3E-08	4.7E-09	4.4E-07
156	UCART3	592847.6	4122959.92	592847.59, 4122959.92	1.03E-03	1.36E-04	3.6E-07	1.1E-06	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.4E-08	3.4E-07	8.4E-08	1.3E-08	2.5E-08	5.2E-09	4.8E-07
157	UCART3	592887.6	4122959.92	592887.59, 4122959.92	1.11E-03	1.46E-04	3.8E-07	1.2E-06	1.5E-07	8.8E-08	8.0E-08	3.7E-08	1.5E-08	3.6E-07	9.0E-08	1.4E-08	2.6E-08	5.6E-09	5.2E-07
158	UCART3	592927.6	4122959.92	592927.59, 4122959.92	1.21E-03	1.60E-04	4.2E-07	1.3E-06	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.6E-08	4.0E-07	9.8E-08	1.5E-08	2.9E-08	6.1E-09	5.6E-07
159	UCART3	592967.6	4122959.92	592967.59, 4122959.92	1.33E-03	1.76E-04	4.6E-07	1.4E-06	1.8E-07	1.1E-07	9.6E-08	4.4E-08	1.8E-08	4.4E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	6.2E-07
160	UCART3	593007.6	4122959.92	593007.59, 4122959.92	1.46E-03	2.04E-04	5.0E-07	1.5E-06	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.0E-08	4.8E-07	1.3E-07	1.9E-08	3.7E-08	7.8E-09	6.9E-07
161	UCART3	593047.6	4122959.92	593047.59, 4122959.92	1.60E-03	2.21E-04	5.5E-07	1.7E-06	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.2E-08	5.2E-07	1.4E-07	2.0E-08	4.0E-08	8.4E-09	7.5E-07
162	UCART3	593087.6	4122959.92	593087.59, 4122959.92	1.72E-03	2.36E-04	6.0E-07	1.8E-06	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.3E-08	5.7E-07	1.5E-07	2.2E-08	4.3E-08	9.0E-09	8.1E-07
163	UCART3	593127.6	4122959.92	593127.59, 4122959.92	1.91E-03	2.70E-04	6.6E-07	2.0E-06	2.8E-07	1.6E-07	1.5E-07	6.8E-08	2.6E-08	6.3E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	9.0E-07
164	UCART3	593167.6	4122959.92	593167.59, 4122959.92	2.13E-03	2.91E-04	7.4E-07	2.2E-06	3.0E-07	1.8E-07	1.6E-07	7.3E-08	2.9E-08	7.0E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	1.0E-06
165	UCART3	593207.6	4122959.92	593207.59, 4122959.92	2.33E-03	3.11E-04	8.1E-07	2.4E-06	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.2E-08	7.7E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.1E-06
166	UCART3	593247.6	4122959.92	593247.59, 4122959.92	2.59E-03	3.33E-04	9.0E-07	2.7E-06	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.5E-08	8.5E-07	2.1E-07	3.1E-08	6.0E-08	1.3E-08	1.2E-06
167	UCART3	593287.6	4122959.92	593287.59, 4122959.92	2.81E-03	3.55E-04	9.7E-07	2.9E-06	3.7E-07	2.1E-07	1.9E-07	8.9E-08	3.8E-08	9.2E-07	2.2E-07	3.3E-08	6.4E-08	1.3E-08	1.3E-06
168	UCART3	593327.6	4122959.92	593327.59, 4122959.92	3.06E-03	3.79E-04	1.1E-06	3.2E-06	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.2E-08	1.0E-06	2.3E-07	3.5E-08	6.9E-08	1.4E-08	1.4E-06
169	UCART3	593367.6	4122959.92	593367.59, 4122959.92	3.26E-03	4.03E-04	1.1E-06	3.4E-06	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.4E-08	1.1E-06	2.5E-07	3.7E-08	7.3E-08	1.5E-08	1.5E-06
170	UCART3	593407.6	4122959.92	593407.59, 4122959.92	3.51E-03	4.34E-04	1.2E-06	3.7E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.8E-08	1.2E-06	2.7E-07	4.0E-08	7.9E-08	1.7E-08	1.6E-06
171	UCART3	593447.6	4122959.92	593447.59, 4122959.92	3.77E-03	4.70E-04	1.3E-06	3.9E-06	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.1E-08	1.2E-06	2.9E-07	4.4E-08	8.5E-08	1.8E-08	1.7E-06
172	UCART3	593487.6	4122959.92	593487.59, 4122959.92	4.14E-03	5.15E-04	1.4E-06	4.3E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.6E-08	1.4E-06	3.2E-07	4.8E-08	9.3E-08	2.0E-08	1.9E-06
173	UCART3	593527.6	4122959.92	593527.59, 4122959.92	4.59E-03	5.63E-04	1.6E-06	4.8E-06	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.2E-08	1.5E-06	3.5E-07	5.2E-08	1.0E-07	2.1E-08	2.1E-06
174	UCART3	593567.6	4122959.92	593567.59, 4122959.92	5.20E-03	6.17E-04	1.8E-06	5.4E-06	6.5E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-08	1.7E-06	3.8E-07	5.7E-08	1.1E-07	2.3E-08	2.4E-06
175	UCART3	593607.6	4122959.92	593607.59, 4122959.92	5.88E-03	6.70E-04	2.0E-06	6.1E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	8.0E-08	1.9E-06	4.1E-07	6.2E-08	1.2E-07	2.6E-08	2.6E-06
176	UCART3	593647.6	4122959.92	593647.59, 4122959.92	6.62E-03	7.26E-04	2.3E-06	6.9E-06	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.0E-08	2.2E-06	4.5E-07	6.7E-08	1.3E-07	2.8E-08	2.9E-06
177	UCART3	593687.6	4122959.92	593687.59, 4122959.92	7.36E-03	7.84E-04	2.5E-06	7.7E-06	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.0E-07	2.4E-06	4.8E-07	7.3E-08	1.4E-07	3.0E-08	3.2E-06
178	UCART3	593727.6	4122959.92	593727.59, 4122959.92	8.03E-03	8.40E-04	2.8E-06	8.4E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-07	2.6E-06	5.2E-07	7.8E-08	1.5E-07	3.2E-08	3.5E-06
179	UCART3	593767.6	4122959.92	593767.59, 4122959.92	8.57E-03	8.90E-04	3.0E-06	9.0E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-07	2.8E-06	5.5E-07	8.2E-08	1.6E-07	3.4E-08	3.8E-06
180	UCART3	593807.6	4122959.92	593807.59, 4122959.92	8.93E-03	9.29E-04	3.1E-06	9.3E-06	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.2E-07	2.9E-06	5.7E-07	8.6E-08	1.7E-07	3.5E-08	3.9E-06
181	UCART3	593847.6	4122959.92	593847.59, 4122959.92	9.11E-03	9.56E-04	3.2E-06	9.5E-06	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.2E-07	3.0E-06	5.9E-07	8.9E-08	1.7E-07	3.6E-08	4.0E-06
182	UCART3	593887.6	4122959.92	593887.59, 4122959.92	9.09E-03	9.69E-04	3.1E-06	9.5E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.2E-07	3.0E-06	6.0E-07	9.0E-08	1.8E-07	3.7E-08	4.0E-06
183	UCART3	593927.6	4122959.92	593927.59, 4122959.92	8.90E-03	9.67E-04	3.1E-06	9.3E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.2E-07	2.9E-06	6.0E-07	9.0E-08	1.8E-07	3.7E-08	3.9E-06
184	UCART3	593967.6	4122959.92	593967.59, 4122959.92	8.58E-03	9.53E-04	3.0E-06	9.0E-06	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.2E-07	2.8E-06	5.9E-07	8.8E-08	1.7E-07	3.6E-08	3.8E-06
185	UCART3	594007.6	4122959.92	594007.59, 4122959.92	8.14E-03	9.28E-04	2.8E-06	8.5E-06	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-07	2.7E-06	5.7E-07	8.6E-08	1.7E-07	3.5E-08	3.6E-06
186	UCART3	592567.6	4122999.92	592567.59, 4122999.92	7.26E-04	9.88E-05	2.5E-07	7.6E-07	1.0E-07	6.0E-08	5.4E-08	2.5E-08	9.9E-09	2.4E-07	6.1E-08	9.2E-09	1.8E-08	3.8E-09	3.4E-07
187	UCART3	592607.6	4122999.92	592607.59, 4122999.92	7.50E-04	9.92E-05	2.6E-07	7.8E-07	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.0E-08	2.5E-07	6.1E-08	9.2E-09	1.8E-08	3.8E-09	3.5E-07
188	UCART3	592647.6	4122999.92	592647.59, 4122999.92	7.94E-04	1.05E-04	2.7E-07	8.3E-07	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.1E-08	2.6E-07	6.5E-08	9.7E-09	1.9E-08	4.0E-09	3.7E-07
189	UCART3	592687.6	4122999.92	592687.59, 4122999.92	8.45E-04	1.12E-04	2.9E-07	8.8E-07	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.1E-08	2.8E-07	6.9E-08	1.0E-08	2.0E-08	4.2E-09	3.9E-07
190	UCART3	592727.6	4122999.92	592727.59, 4122999.92	9.05E-04	1.20E-04	3.1E-07	9.5E-07	1.3E-07	7.2E-08	6.6E-08	3.0E-08	1.2E-08	3.0E-07	7.4E-08	1.1E-08	2.2E-08	4.6E-09	4.2E-07
191	UCART3	592767.6	4122999.92	592767.59, 4122999.92	9.71E-04	1.29E-04	3.4E-07	1.0E-06	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.3E-08	3.2E-07	7.9E-08	1.2E-08	2.3E-08	4.9E-09	4.5E-07
192	UCART3	592807.6	4122999.92	592807.59, 4122999.92	1.04E-03	1.38E-04	3.6E-07	1.1E-06	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.4E-08	3.4E-07	8.5E-08	1.3E-08	2.5E-08	5.3E-09	4.9E-07
193	UCART3	592847.6	4122999.92	592847.59, 4122999.92	1.13E-03	1.50E-04	3.9E-07	1.2E-06	1.6E-07	9.1E-08	8.2E-08	3.7E-08	1.5E-08	3.7E-07	9.2E-08	1.4E-08	2.7E-08	5.7E-09	5.3E-07
194	UCART3	592887.6	4122999.92	592887.59, 4122999.92	1.23E-03	1.62E-04	4.3E-07	1.3E-06	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.7E-08	4.0E-07	1.0E-07	1.5E-08	2.9E-08	6.2E-09	5.7E-07
195	UCART3	592927.6	4122999.92	592927.59, 4122999.92	1.35E-03	1.78E-04	4.7E-07	1.4E-06	1.9E-07	1.1E-07	9.8E-08	4.5E-08	1.8E-08	4.4E-07	1.1E-07	1.7E-08	3.2E-08	6.8E-09	6.3E-07
196	UCART3	592967.6	4122999.92	592967.59, 4122999.92	1.48E-03	1.96E-04	5.1E-07	1.5E-06	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.0E-08	4.9E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	6.9E-07
197	UCART3	593007.6	4122999.92	593007.59, 4122999.92	1.63E-03	2.29E-04	5.7E-07	1.7E-06	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.2E-08	5.4E-07	1.4E-07	2.1E-08	4.1E-08	8.7E-09	7.7E-07
198	UCART3	593047.6	4122999.92	593047.59, 4122999.92	1.80E-03	2.50E-04	6.2E-07	1.9E-06	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.5E-08	5.9E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	8.5E-07
199	UCART3	593087.6	4122999.92	593087.59, 4122999.92	1.97E-03	2.69E-04	6.8E-07	2.1E-06	2.8E-07	1.6E-07	1.5E-07	6.7E-08	2.7E-08	6.5E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	9.2E-07
200	UCART3	593127.6	4122999.92	593127.59, 4122999.92	2.23E-03	3.11E-04	7.7E-07	2.3E-06	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.0E-08	7.3E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.1E-06
201	UCART3	593167.6	4122999.92	593167.59, 4122999.92	2.51E-03	3.38E-04	8.7E-07	2.6E-06	3.5E-07	2.0E-07	1.9E-07	8.5E-08	3.4E-08	8.2E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	1.2E-06
202	UCART3	593207.6	4122999.92	593207.59, 4122999.92	2.78E-03	3.65E-04	9.6E-07	2.9E-06	3.8E-07	2.2E-07	2.0E-07	9.1E-08	3.8E-08	9.1E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	1.3E-06
203	UCART3	593247.6	4122999.92	593247.59, 4122999.92	3.13E-03	3.94E-04	1.1E-06	3.3E-06	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.3E-08	1.0E-06	2.4E-07	3.7E-08	7.1E-08	1.5E-08	1.4E-06
204	UCART3	593287.6	4122999.92	593287.59, 4122999.92	3.44E-03	4.23E-04	1.2E-06	3.6E-06	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.7E-08	1.1E-06	2.6E-07	3.9E-08	7.7E-08	1.6E-08	1.6E-06
205	UCART3	593327.6	4122999.92	593327.59, 4122999.92	3.79E-03	4.56E-04	1.3E-06	4.0E-06	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.2E-08	1.2E-06	2.8E-07	4.2E-08	8.3E-08	1.7E-08	1.7E-06
206	UCART3	593367.6	4122999.92	593367.59, 4122999.92	4.07E-03	4.90E-04	1.4E-06	4.3E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.5E-08	1.3E-06	3.0E-07	4.5E-08	8.9E-08	1.9E-08	1.8E-06

OPERATIONAL RISK (UNMITIGATED)

207	UCART3	593407.6	4122999.92	593407.59, 4122999.92	4.45E-03	5.33E-04	1.5E-06	4.7E-06	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-08	1.5E-06	3.3E-07	4.9E-08	9.6E-08	2.0E-08	2.0E-06
208	UCART3	593447.6	4122999.92	593447.59, 4122999.92	4.86E-03	5.82E-04	1.7E-06	5.1E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.6E-08	1.6E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	2.2E-06
209	UCART3	593487.6	4122999.92	593487.59, 4122999.92	5.45E-03	6.43E-04	1.9E-06	5.7E-06	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-08	1.8E-06	4.0E-07	6.0E-08	1.2E-07	2.4E-08	2.5E-06
210	UCART3	593527.6	4122999.92	593527.59, 4122999.92	6.20E-03	7.08E-04	2.1E-06	6.5E-06	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.4E-08	2.0E-06	4.4E-07	6.6E-08	1.3E-07	2.7E-08	2.8E-06
211	UCART3	593567.6	4122999.92	593567.59, 4122999.92	7.16E-03	7.79E-04	2.5E-06	7.5E-06	8.1E-07	4.7E-07	4.3E-07	1.9E-07	9.7E-08	2.4E-06	4.8E-07	7.2E-08	1.4E-07	3.0E-08	3.2E-06
212	UCART3	593607.6	4122999.92	593607.59, 4122999.92	8.16E-03	8.49E-04	2.8E-06	8.5E-06	8.9E-07	5.1E-07	4.7E-07	2.1E-07	1.1E-07	2.7E-06	5.2E-07	7.9E-08	1.5E-07	3.2E-08	3.6E-06
213	UCART3	593647.6	4122999.92	593647.59, 4122999.92	9.16E-03	9.21E-04	3.2E-06	9.6E-06	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.2E-07	3.0E-06	5.7E-07	8.5E-08	1.7E-07	3.5E-08	4.0E-06
214	UCART3	593687.6	4122999.92	593687.59, 4122999.92	1.00E-02	9.90E-04	3.5E-06	1.1E-05	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.4E-07	3.3E-06	6.1E-07	9.2E-08	1.8E-07	3.8E-08	4.4E-06
215	UCART3	593727.6	4122999.92	593727.59, 4122999.92	1.07E-02	1.05E-03	3.7E-06	1.1E-05	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.5E-07	3.5E-06	6.5E-07	9.8E-08	1.9E-07	4.0E-08	4.7E-06
216	UCART3	593767.6	4122999.92	593767.59, 4122999.92	1.12E-02	1.10E-03	3.9E-06	1.2E-05	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-07	3.7E-06	6.8E-07	1.0E-07	2.0E-07	4.2E-08	4.8E-06
217	UCART3	593807.6	4122999.92	593807.59, 4122999.92	1.13E-02	1.14E-03	3.9E-06	1.2E-05	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-07	3.7E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	4.9E-06
218	UCART3	593847.6	4122999.92	593847.59, 4122999.92	1.12E-02	1.15E-03	3.9E-06	1.2E-05	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.5E-07	3.7E-06	7.1E-07	1.1E-07	2.1E-07	4.4E-08	4.9E-06
219	UCART3	593887.6	4122999.92	593887.59, 4122999.92	1.08E-02	1.14E-03	3.8E-06	1.1E-05	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.5E-07	3.6E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	4.8E-06
220	UCART3	593927.6	4122999.92	593927.59, 4122999.92	1.03E-02	1.12E-03	3.6E-06	1.1E-05	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.4E-07	3.4E-06	6.9E-07	1.0E-07	2.0E-07	4.3E-08	4.6E-06
221	UCART3	593967.6	4122999.92	593967.59, 4122999.92	9.67E-03	1.08E-03	3.3E-06	1.0E-05	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.3E-07	3.2E-06	6.7E-07	1.0E-07	2.0E-07	4.1E-08	4.3E-06
222	UCART3	594007.6	4122999.92	594007.59, 4122999.92	8.94E-03	1.03E-03	3.1E-06	9.3E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-07	2.9E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	4.0E-06
223	UCART3	592567.6	4123039.92	592567.59, 4123039.92	7.79E-04	1.09E-04	2.7E-07	8.1E-07	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.1E-08	2.6E-07	6.7E-08	1.0E-08	2.0E-08	4.1E-09	3.7E-07
224	UCART3	592607.6	4123039.92	592607.59, 4123039.92	8.06E-04	1.09E-04	2.8E-07	8.4E-07	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.1E-08	2.6E-07	6.7E-08	1.0E-08	2.0E-08	4.1E-09	3.8E-07
225	UCART3	592647.6	4123039.92	592647.59, 4123039.92	8.52E-04	1.14E-04	2.9E-07	8.9E-07	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.2E-08	2.8E-07	7.0E-08	1.1E-08	2.1E-08	4.3E-09	4.0E-07
226	UCART3	592687.6	4123039.92	592687.59, 4123039.92	9.10E-04	1.22E-04	3.2E-07	9.5E-07	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.2E-08	3.0E-07	7.5E-08	1.1E-08	2.2E-08	4.6E-09	4.2E-07
227	UCART3	592727.6	4123039.92	592727.59, 4123039.92	9.78E-04	1.31E-04	3.4E-07	1.0E-06	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.3E-08	3.2E-07	8.1E-08	1.2E-08	2.4E-08	5.0E-09	4.6E-07
228	UCART3	592767.6	4123039.92	592767.59, 4123039.92	1.06E-03	1.42E-04	3.7E-07	1.1E-06	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.4E-08	3.5E-07	8.7E-08	1.3E-08	2.6E-08	5.4E-09	4.9E-07
229	UCART3	592807.6	4123039.92	592807.59, 4123039.92	1.15E-03	1.53E-04	4.0E-07	1.2E-06	1.6E-07	9.3E-08	8.4E-08	3.8E-08	1.6E-08	3.8E-07	9.4E-08	1.4E-08	2.8E-08	5.8E-09	5.3E-07
230	UCART3	592847.6	4123039.92	592847.59, 4123039.92	1.25E-03	1.66E-04	4.3E-07	1.3E-06	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.7E-08	4.1E-07	1.0E-07	1.5E-08	3.0E-08	6.3E-09	5.8E-07
231	UCART3	592887.6	4123039.92	592887.59, 4123039.92	1.36E-03	1.81E-04	4.7E-07	1.4E-06	1.9E-07	1.1E-07	9.9E-08	4.5E-08	1.9E-08	4.5E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	6.3E-07
232	UCART3	592927.6	4123039.92	592927.59, 4123039.92	1.50E-03	2.00E-04	5.2E-07	1.6E-06	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.0E-08	4.9E-07	1.2E-07	1.9E-08	3.6E-08	7.6E-09	7.0E-07
233	UCART3	592967.6	4123039.92	592967.59, 4123039.92	1.66E-03	2.22E-04	5.7E-07	1.7E-06	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.3E-08	5.5E-07	1.4E-07	2.1E-08	4.0E-08	8.5E-09	7.7E-07
234	UCART3	593007.6	4123039.92	593007.59, 4123039.92	1.85E-03	2.60E-04	6.4E-07	1.9E-06	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.5E-08	6.1E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	8.7E-07
235	UCART3	593047.6	4123039.92	593047.59, 4123039.92	2.07E-03	3.00E-04	7.2E-07	2.2E-06	3.1E-07	1.8E-07	1.6E-07	7.5E-08	2.8E-08	6.8E-07	1.8E-07	2.8E-08	5.4E-08	1.1E-08	9.8E-07
236	UCART3	593087.6	4123039.92	593087.59, 4123039.92	2.29E-03	3.12E-04	7.9E-07	2.4E-06	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.1E-08	7.5E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	1.1E-06
237	UCART3	593127.6	4123039.92	593127.59, 4123039.92	2.63E-03	3.64E-04	9.1E-07	2.7E-06	3.8E-07	2.2E-07	2.0E-07	9.1E-08	3.6E-08	8.6E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	1.2E-06
238	UCART3	593167.6	4123039.92	593167.59, 4123039.92	3.00E-03	3.99E-04	1.0E-06	3.1E-06	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.1E-08	9.9E-07	2.5E-07	3.7E-08	7.2E-08	1.5E-08	1.4E-06
239	UCART3	593207.6	4123039.92	593207.59, 4123039.92	3.39E-03	4.36E-04	1.2E-06	3.5E-06	4.6E-07	2.6E-07	2.4E-07	1.1E-07	4.6E-08	1.1E-06	2.7E-07	4.0E-08	7.9E-08	1.7E-08	1.6E-06
240	UCART3	593247.6	4123039.92	593247.59, 4123039.92	3.85E-03	4.76E-04	1.3E-06	4.0E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.2E-08	1.3E-06	2.9E-07	4.4E-08	8.6E-08	1.8E-08	1.8E-06
241	UCART3	593287.6	4123039.92	593287.59, 4123039.92	4.29E-03	5.17E-04	1.5E-06	4.5E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.8E-08	1.4E-06	3.2E-07	4.8E-08	9.4E-08	2.0E-08	1.9E-06
242	UCART3	593327.6	4123039.92	593327.59, 4123039.92	4.81E-03	5.64E-04	1.7E-06	5.0E-06	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-08	1.6E-06	3.5E-07	5.2E-08	1.0E-07	2.1E-08	2.2E-06
243	UCART3	593367.6	4123039.92	593367.59, 4123039.92	5.25E-03	6.11E-04	1.8E-06	5.5E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-08	1.7E-06	3.8E-07	5.7E-08	1.1E-07	2.3E-08	2.4E-06
244	UCART3	593407.6	4123039.92	593407.59, 4123039.92	5.84E-03	6.71E-04	2.0E-06	6.1E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-08	1.9E-06	4.1E-07	6.2E-08	1.2E-07	2.6E-08	2.6E-06
245	UCART3	593447.6	4123039.92	593447.59, 4123039.92	6.54E-03	7.40E-04	2.3E-06	6.8E-06	7.7E-07	4.5E-07	4.1E-07	1.9E-07	8.9E-08	2.1E-06	4.6E-07	6.9E-08	1.3E-07	2.8E-08	2.9E-06
246	UCART3	593487.6	4123039.92	593487.59, 4123039.92	7.58E-03	8.26E-04	2.6E-06	7.9E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.0E-07	2.5E-06	5.1E-07	7.7E-08	1.5E-07	3.1E-08	3.4E-06
247	UCART3	593527.6	4123039.92	593527.59, 4123039.92	8.85E-03	9.16E-04	3.1E-06	9.3E-06	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-07	2.9E-06	5.6E-07	8.5E-08	1.7E-07	3.5E-08	3.9E-06
248	UCART3	593567.6	4123039.92	593567.59, 4123039.92	1.03E-02	1.01E-03	3.6E-06	1.1E-05	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-07	3.4E-06	6.2E-07	9.4E-08	1.8E-07	3.8E-08	4.5E-06
249	UCART3	593607.6	4123039.92	593607.59, 4123039.92	1.17E-02	1.10E-03	4.1E-06	1.2E-05	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.6E-07	3.8E-06	6.8E-07	1.0E-07	2.0E-07	4.2E-08	5.0E-06
250	UCART3	593647.6	4123039.92	593647.59, 4123039.92	1.29E-02	1.19E-03	4.5E-06	1.3E-05	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.8E-07	4.2E-06	7.3E-07	1.1E-07	2.2E-07	4.5E-08	5.5E-06
251	UCART3	593687.6	4123039.92	593687.59, 4123039.92	1.38E-02	1.27E-03	4.8E-06	1.4E-05	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.9E-07	4.5E-06	7.8E-07	1.2E-07	2.3E-07	4.8E-08	5.9E-06
252	UCART3	593727.6	4123039.92	593727.59, 4123039.92	1.43E-02	1.33E-03	4.9E-06	1.5E-05	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.9E-07	4.7E-06	8.2E-07	1.2E-07	2.4E-07	5.1E-08	6.1E-06
253	UCART3	593767.6	4123039.92	593767.59, 4123039.92	1.43E-02	1.37E-03	5.0E-06	1.5E-05	1.4E-06	8.3E-07	7.5E-07	3.4E-07	2.0E-07	4.7E-06	8.5E-07	1.3E-07	2.5E-07	5.2E-08	6.2E-06
254	UCART3	593807.6	4123039.92	593807.59, 4123039.92	1.40E-02	1.38E-03	4.9E-06	1.5E-05	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-07	4.6E-06	8.5E-07	1.3E-07	2.5E-07	5.3E-08	6.1E-06
255	UCART3	593847.6	4123039.92	593847.59, 4123039.92	1.34E-02	1.37E-03	4.7E-06	1.4E-05	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.8E-07	4.4E-06	8.4E-07	1.3E-07	2.5E-07	5.2E-08	5.9E-06
256	UCART3	593887.6	4123039.92	593887.59, 4123039.92	1.26E-02	1.33E-03	4.4E-06	1.3E-05	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.7E-07	4.1E-06	8.2E-07	1.2E-07	2.4E-07	5.1E-08	5.5E-06
257	UCART3	593927.6	4123039.92	593927.59, 4123039.92	1.16E-02	1.28E-03	4.0E-06	1.2E-05	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.6E-07	3.8E-06	7.9E-07	1.2E-07	2.3E-07	4.9E-08	5.2E-06
258	UCART3	593967.6	4123039.92	593967.59, 4123039.92	1.06E-02	1.21E-03	3.7E-06	1.1E-05	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-07	3.5E-06	7.4E-07	1.1E-07	2.2E-07	4.6E-08	4.7E-06
259	UCART3	594007.6	4123039.92	594007.59, 4123039.92	9.55E-03	1.13E-03	3.3E-06	1.0E-05	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.3E-07	3.1E-06	7.0E-07	1.0E-07	2.0E-07	4.3E-08	4.3E-06
260	UCART3	592567.6	4123079.92	592567.59, 4123079.92	8.30E-04	1.22E-04	2.9E-07	8.7E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.1E-08	2.7E-07	7.5E-08	1.1E-08	2.2E-08	4.7E-09	4.0E-07

OPERATIONAL RISK (UNMITIGATED)

261	UCART3	592607.6	4123079.92	592607.59, 4123079.92	8.73E-04	1.22E-04	3.0E-07	9.1E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.2E-08	2.9E-07	7.5E-08	1.1E-08	2.2E-08	4.6E-09	4.1E-07
262	UCART3	592647.6	4123079.92	592647.59, 4123079.92	9.16E-04	1.25E-04	3.2E-07	9.6E-07	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.2E-08	3.0E-07	7.7E-08	1.2E-08	2.3E-08	4.8E-09	4.3E-07
263	UCART3	592687.6	4123079.92	592687.59, 4123079.92	9.82E-04	1.34E-04	3.4E-07	1.0E-06	1.4E-07	8.1E-08	7.3E-08	3.4E-08	1.3E-08	3.2E-07	8.3E-08	1.2E-08	2.4E-08	5.1E-09	4.6E-07
264	UCART3	592727.6	4123079.92	592727.59, 4123079.92	1.06E-03	1.44E-04	3.7E-07	1.1E-06	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.4E-08	3.5E-07	8.9E-08	1.3E-08	2.6E-08	5.5E-09	5.0E-07
265	UCART3	592767.6	4123079.92	592767.59, 4123079.92	1.15E-03	1.57E-04	4.0E-07	1.2E-06	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.6E-08	3.8E-07	9.7E-08	1.5E-08	2.8E-08	6.0E-09	5.4E-07
266	UCART3	592807.6	4123079.92	592807.59, 4123079.92	1.25E-03	1.70E-04	4.3E-07	1.3E-06	1.8E-07	1.0E-07	9.3E-08	4.3E-08	1.7E-08	4.1E-07	1.0E-07	1.6E-08	3.1E-08	6.5E-09	5.9E-07
267	UCART3	592847.6	4123079.92	592847.59, 4123079.92	1.37E-03	1.86E-04	4.8E-07	1.4E-06	1.9E-07	1.1E-07	1.0E-07	4.7E-08	1.9E-08	4.5E-07	1.1E-07	1.7E-08	3.4E-08	7.1E-09	6.4E-07
268	UCART3	592887.6	4123079.92	592887.59, 4123079.92	1.51E-03	2.05E-04	5.2E-07	1.6E-06	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.1E-08	5.0E-07	1.3E-07	1.9E-08	3.7E-08	7.8E-09	7.1E-07
269	UCART3	592927.6	4123079.92	592927.59, 4123079.92	1.68E-03	2.29E-04	5.8E-07	1.8E-06	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.3E-08	5.5E-07	1.4E-07	2.1E-08	4.1E-08	8.7E-09	7.9E-07
270	UCART3	592967.6	4123079.92	592967.59, 4123079.92	1.87E-03	2.67E-04	6.5E-07	2.0E-06	2.8E-07	1.6E-07	1.5E-07	6.7E-08	2.5E-08	6.2E-07	1.6E-07	2.5E-08	4.8E-08	1.0E-08	8.9E-07
271	UCART3	593007.6	4123079.92	593007.59, 4123079.92	2.11E-03	3.12E-04	7.3E-07	2.2E-06	3.3E-07	1.9E-07	1.7E-07	7.8E-08	2.9E-08	6.9E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.0E-06
272	UCART3	593047.6	4123079.92	593047.59, 4123079.92	2.39E-03	3.47E-04	8.3E-07	2.5E-06	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.3E-08	7.9E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	1.1E-06
273	UCART3	593087.6	4123079.92	593087.59, 4123079.92	2.72E-03	3.87E-04	9.4E-07	2.8E-06	4.0E-07	2.3E-07	2.1E-07	9.7E-08	3.7E-08	8.9E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	1.3E-06
274	UCART3	593127.6	4123079.92	593127.59, 4123079.92	3.13E-03	4.30E-04	1.1E-06	3.3E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.3E-08	1.0E-06	2.7E-07	4.0E-08	7.8E-08	1.6E-08	1.5E-06
275	UCART3	593167.6	4123079.92	593167.59, 4123079.92	3.62E-03	4.78E-04	1.3E-06	3.8E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	4.9E-08	1.2E-06	2.9E-07	4.4E-08	8.7E-08	1.8E-08	1.7E-06
276	UCART3	593207.6	4123079.92	593207.59, 4123079.92	4.18E-03	5.31E-04	1.4E-06	4.4E-06	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.7E-08	1.4E-06	3.3E-07	4.9E-08	9.6E-08	2.0E-08	1.9E-06
277	UCART3	593247.6	4123079.92	593247.59, 4123079.92	4.87E-03	5.92E-04	1.7E-06	5.1E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.6E-08	1.6E-06	3.6E-07	5.5E-08	1.1E-07	2.3E-08	2.2E-06
278	UCART3	593287.6	4123079.92	593287.59, 4123079.92	5.55E-03	6.53E-04	1.9E-06	5.8E-06	6.8E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-08	1.8E-06	4.0E-07	6.1E-08	1.2E-07	2.5E-08	2.5E-06
279	UCART3	593327.6	4123079.92	593327.59, 4123079.92	6.34E-03	7.22E-04	2.2E-06	6.6E-06	7.5E-07	4.4E-07	4.0E-07	1.8E-07	8.6E-08	2.1E-06	4.4E-07	6.7E-08	1.3E-07	2.7E-08	2.8E-06
280	UCART3	593367.6	4123079.92	593367.59, 4123079.92	7.05E-03	7.90E-04	2.4E-06	7.4E-06	8.3E-07	4.8E-07	4.3E-07	2.0E-07	9.6E-08	2.3E-06	4.9E-07	7.3E-08	1.4E-07	3.0E-08	3.1E-06
281	UCART3	593407.6	4123079.92	593407.59, 4123079.92	8.06E-03	8.77E-04	2.8E-06	8.4E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.1E-07	2.6E-06	5.4E-07	8.1E-08	1.6E-07	3.3E-08	3.6E-06
282	UCART3	593447.6	4123079.92	593447.59, 4123079.92	9.40E-03	9.79E-04	3.3E-06	9.8E-06	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.3E-07	3.1E-06	6.0E-07	9.1E-08	1.8E-07	3.7E-08	4.1E-06
283	UCART3	593487.6	4123079.92	593487.59, 4123079.92	1.13E-02	1.10E-03	3.9E-06	1.2E-05	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.5E-07	3.7E-06	6.8E-07	1.0E-07	2.0E-07	4.2E-08	4.9E-06
284	UCART3	593527.6	4123079.92	593527.59, 4123079.92	1.34E-02	1.22E-03	4.6E-06	1.4E-05	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.8E-07	4.4E-06	7.5E-07	1.1E-07	2.2E-07	4.7E-08	5.7E-06
285	UCART3	593567.6	4123079.92	593567.59, 4123079.92	1.56E-02	1.34E-03	5.4E-06	1.6E-05	1.4E-06	8.1E-07	7.4E-07	3.4E-07	2.1E-07	5.1E-06	8.3E-07	1.2E-07	2.4E-07	5.1E-08	6.6E-06
286	UCART3	593607.6	4123079.92	593607.59, 4123079.92	1.72E-02	1.46E-03	6.0E-06	1.8E-05	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.3E-07	5.7E-06	9.0E-07	1.4E-07	2.6E-07	5.5E-08	7.2E-06
287	UCART3	593647.6	4123079.92	593647.59, 4123079.92	1.83E-02	1.56E-03	6.3E-06	1.9E-05	1.6E-06	9.4E-07	8.6E-07	3.9E-07	2.5E-07	6.0E-06	9.6E-07	1.4E-07	2.8E-07	5.9E-08	7.7E-06
288	UCART3	593687.6	4123079.92	593687.59, 4123079.92	1.88E-02	1.64E-03	6.5E-06	2.0E-05	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.6E-07	6.2E-06	1.0E-06	1.5E-07	3.0E-07	6.3E-08	8.0E-06
289	UCART3	593727.6	4123079.92	593727.59, 4123079.92	1.87E-02	1.69E-03	6.5E-06	2.0E-05	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.5E-07	6.1E-06	1.0E-06	1.6E-07	3.1E-07	6.4E-08	8.0E-06
290	UCART3	593767.6	4123079.92	593767.59, 4123079.92	1.80E-02	1.70E-03	6.2E-06	1.9E-05	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.4E-07	5.9E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	7.7E-06
291	UCART3	593807.6	4123079.92	593807.59, 4123079.92	1.70E-02	1.67E-03	5.9E-06	1.8E-05	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-07	5.6E-06	1.0E-06	1.6E-07	3.0E-07	6.4E-08	7.4E-06
292	UCART3	593847.6	4123079.92	593847.59, 4123079.92	1.57E-02	1.61E-03	5.4E-06	1.6E-05	1.7E-06	9.8E-07	8.8E-07	4.0E-07	2.1E-07	5.1E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	6.9E-06
293	UCART3	593887.6	4123079.92	593887.59, 4123079.92	1.42E-02	1.53E-03	4.9E-06	1.5E-05	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.9E-07	4.7E-06	9.4E-07	1.4E-07	2.8E-07	5.8E-08	6.3E-06
294	UCART3	593927.6	4123079.92	593927.59, 4123079.92	1.27E-02	1.43E-03	4.4E-06	1.3E-05	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-07	4.2E-06	8.8E-07	1.3E-07	2.6E-07	5.4E-08	5.7E-06
295	UCART3	593967.6	4123079.92	593967.59, 4123079.92	1.13E-02	1.31E-03	3.9E-06	1.2E-05	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-07	3.7E-06	8.1E-07	1.2E-07	2.4E-07	5.0E-08	5.1E-06
296	UCART3	594007.6	4123079.92	594007.59, 4123079.92	9.89E-03	1.20E-03	3.4E-06	1.0E-05	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-07	3.2E-06	7.4E-07	1.1E-07	2.2E-07	4.6E-08	4.5E-06
297	UCART3	592567.6	4123119.92	592567.59, 4123119.92	8.79E-04	1.35E-04	3.0E-07	9.2E-07	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.2E-08	2.9E-07	8.3E-08	1.2E-08	2.4E-08	5.1E-09	4.3E-07
298	UCART3	592607.6	4123119.92	592607.59, 4123119.92	9.40E-04	1.44E-04	3.3E-07	9.8E-07	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.3E-08	3.1E-07	8.9E-08	1.3E-08	2.6E-08	5.5E-09	4.6E-07
299	UCART3	592647.6	4123119.92	592647.59, 4123119.92	9.94E-04	1.41E-04	3.4E-07	1.0E-06	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.4E-08	3.3E-07	8.7E-08	1.3E-08	2.6E-08	5.4E-09	4.7E-07
300	UCART3	592687.6	4123119.92	592687.59, 4123119.92	1.06E-03	1.48E-04	3.7E-07	1.1E-06	1.6E-07	9.0E-08	8.1E-08	3.7E-08	1.4E-08	3.5E-07	9.1E-08	1.4E-08	2.7E-08	5.6E-09	5.0E-07
301	UCART3	592727.6	4123119.92	592727.59, 4123119.92	1.15E-03	1.60E-04	4.0E-07	1.2E-06	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.6E-08	3.8E-07	9.9E-08	1.5E-08	2.9E-08	6.1E-09	5.4E-07
302	UCART3	592767.6	4123119.92	592767.59, 4123119.92	1.25E-03	1.75E-04	4.3E-07	1.3E-06	1.8E-07	1.1E-07	9.6E-08	4.4E-08	1.7E-08	4.1E-07	1.1E-07	1.6E-08	3.2E-08	6.6E-09	5.9E-07
303	UCART3	592807.6	4123119.92	592807.59, 4123119.92	1.37E-03	1.90E-04	4.7E-07	1.4E-06	2.0E-07	1.2E-07	1.0E-07	4.8E-08	1.9E-08	4.5E-07	1.2E-07	1.8E-08	3.4E-08	7.2E-09	6.5E-07
304	UCART3	592847.6	4123119.92	592847.59, 4123119.92	1.51E-03	2.09E-04	5.2E-07	1.6E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.1E-08	5.0E-07	1.3E-07	1.9E-08	3.8E-08	8.0E-09	7.1E-07
305	UCART3	592887.6	4123119.92	592887.59, 4123119.92	1.68E-03	2.34E-04	5.8E-07	1.8E-06	2.4E-07	1.4E-07	1.3E-07	5.9E-08	2.3E-08	5.5E-07	1.4E-07	2.2E-08	4.2E-08	8.9E-09	7.9E-07
306	UCART3	592927.6	4123119.92	592927.59, 4123119.92	1.88E-03	2.75E-04	6.5E-07	2.0E-06	2.9E-07	1.7E-07	1.5E-07	6.9E-08	2.6E-08	6.2E-07	1.7E-07	2.5E-08	5.0E-08	1.0E-08	9.0E-07
307	UCART3	592967.6	4123119.92	592967.59, 4123119.92	2.12E-03	3.09E-04	7.4E-07	2.2E-06	3.2E-07	1.9E-07	1.7E-07	7.7E-08	2.9E-08	7.0E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.0E-06
308	UCART3	593007.6	4123119.92	593007.59, 4123119.92	2.42E-03	3.62E-04	8.4E-07	2.5E-06	3.8E-07	2.2E-07	2.0E-07	9.1E-08	3.3E-08	7.9E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	1.2E-06
309	UCART3	593047.6	4123119.92	593047.59, 4123119.92	2.78E-03	4.07E-04	9.6E-07	2.9E-06	4.3E-07	2.5E-07	2.2E-07	1.0E-07	3.8E-08	9.1E-07	2.5E-07	3.8E-08	7.4E-08	1.5E-08	1.3E-06
310	UCART3	593087.6	4123119.92	593087.59, 4123119.92	3.23E-03	4.59E-04	1.1E-06	3.4E-06	4.8E-07	2.8E-07	2.5E-07	1.1E-07	4.4E-08	1.1E-06	2.8E-07	4.3E-08	8.3E-08	1.7E-08	1.5E-06
311	UCART3	593127.6	4123119.92	593127.59, 4123119.92	3.81E-03	5.19E-04	1.3E-06	4.0E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.2E-08	1.3E-06	3.2E-07	4.8E-08	9.4E-08	2.0E-08	1.8E-06
312	UCART3	593167.6	4123119.92	593167.59, 4123119.92	4.50E-03	5.88E-04	1.6E-06	4.7E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.1E-08	1.5E-06	3.6E-07	5.5E-08	1.1E-07	2.2E-08	2.1E-06
313	UCART3	593207.6	4123119.92	593207.59, 4123119.92	5.35E-03	6.71E-04	1.9E-06	5.6E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.3E-08	1.8E-06	4.1E-07	6.2E-08	1.2E-07	2.6E-08	2.5E-06
314	UCART3	593247.6	4123119.92	593247.59, 4123119.92	6.40E-03	7.69E-04	2.2E-06	6.7E-06	8.0E-07	4.7E-07	4.2E-07	1.9E-07	8.7E-08	2.1E-06	4.7E-07	7.1E-08	1.4E-07	2.9E-08	2.9E-06

OPERATIONAL RISK (UNMITIGATED)

315	UCART3	593287.6	4123119.92	593287.59, 4123119.92	7.52E-03	8.68E-04	2.6E-06	7.9E-06	9.1E-07	5.2E-07	4.8E-07	2.2E-07	1.0E-07	2.5E-06	5.3E-07	8.0E-08	1.6E-07	3.3E-08	3.4E-06
316	UCART3	593327.6	4123119.92	593327.59, 4123119.92	8.80E-03	9.68E-04	3.0E-06	9.2E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.2E-07	2.9E-06	6.0E-07	9.0E-08	1.8E-07	3.7E-08	3.9E-06
317	UCART3	593367.6	4123119.92	593367.59, 4123119.92	1.01E-02	1.07E-03	3.5E-06	1.1E-05	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.4E-07	3.3E-06	6.6E-07	9.9E-08	1.9E-07	4.1E-08	4.5E-06
318	UCART3	593407.6	4123119.92	593407.59, 4123119.92	1.21E-02	1.21E-03	4.2E-06	1.3E-05	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-07	4.0E-06	7.4E-07	1.1E-07	2.2E-07	4.6E-08	5.3E-06
319	UCART3	593447.6	4123119.92	593447.59, 4123119.92	1.49E-02	1.36E-03	5.2E-06	1.6E-05	1.4E-06	8.3E-07	7.5E-07	3.4E-07	2.0E-07	4.9E-06	8.4E-07	1.3E-07	2.5E-07	5.2E-08	6.4E-06
320	UCART3	593487.6	4123119.92	593487.59, 4123119.92	1.84E-02	1.54E-03	6.4E-06	1.9E-05	1.6E-06	9.3E-07	8.4E-07	3.9E-07	2.5E-07	6.0E-06	9.5E-07	1.4E-07	2.8E-07	5.9E-08	7.7E-06
321	UCART3	593527.6	4123119.92	593527.59, 4123119.92	2.15E-02	1.70E-03	7.5E-06	2.2E-05	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.9E-07	7.1E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	8.9E-06
322	UCART3	593567.6	4123119.92	593567.59, 4123119.92	2.40E-02	1.84E-03	8.3E-06	2.5E-05	1.9E-06	1.1E-06	1.0E-06	4.6E-07	3.3E-07	7.9E-06	1.1E-06	1.7E-07	3.3E-07	7.0E-08	9.9E-06
323	UCART3	593607.6	4123119.92	593607.59, 4123119.92	2.53E-02	1.97E-03	8.8E-06	2.6E-05	2.1E-06	1.2E-06	1.1E-06	4.9E-07	3.4E-07	8.3E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	1.0E-05
324	UCART3	593647.6	4123119.92	593647.59, 4123119.92	2.57E-02	2.08E-03	8.9E-06	2.7E-05	2.2E-06	1.3E-06	1.1E-06	5.2E-07	3.5E-07	8.4E-06	1.3E-06	1.9E-07	3.8E-07	7.9E-08	1.1E-05
325	UCART3	593687.6	4123119.92	593687.59, 4123119.92	2.52E-02	2.14E-03	8.7E-06	2.6E-05	2.2E-06	1.3E-06	1.2E-06	5.4E-07	3.4E-07	8.3E-06	1.3E-06	2.0E-07	3.9E-07	8.1E-08	1.1E-05
326	UCART3	593727.6	4123119.92	593727.59, 4123119.92	2.39E-02	2.14E-03	8.3E-06	2.5E-05	2.2E-06	1.3E-06	1.2E-06	5.4E-07	3.2E-07	7.8E-06	1.3E-06	2.0E-07	3.9E-07	8.2E-08	1.0E-05
327	UCART3	593767.6	4123119.92	593767.59, 4123119.92	2.20E-02	2.09E-03	7.6E-06	2.3E-05	2.2E-06	1.3E-06	1.1E-06	5.2E-07	3.0E-07	7.2E-06	1.3E-06	1.9E-07	3.8E-07	7.9E-08	9.5E-06
328	UCART3	593807.6	4123119.92	593807.59, 4123119.92	1.99E-02	1.99E-03	6.9E-06	2.1E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-07	6.5E-06	1.2E-06	1.8E-07	3.6E-07	7.6E-08	8.7E-06
329	UCART3	593847.6	4123119.92	593847.59, 4123119.92	1.77E-02	1.85E-03	6.1E-06	1.8E-05	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.4E-07	5.8E-06	1.1E-06	1.7E-07	3.4E-07	7.1E-08	7.8E-06
330	UCART3	593887.6	4123119.92	593887.59, 4123119.92	1.55E-02	1.70E-03	5.4E-06	1.6E-05	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.1E-07	5.1E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	6.9E-06
331	UCART3	593927.6	4123119.92	593927.59, 4123119.92	1.34E-02	1.54E-03	4.6E-06	1.4E-05	1.6E-06	9.3E-07	8.5E-07	3.9E-07	1.8E-07	4.4E-06	9.5E-07	1.4E-07	2.8E-07	5.9E-08	6.0E-06
332	UCART3	593967.6	4123119.92	593967.59, 4123119.92	1.16E-02	1.38E-03	4.0E-06	1.2E-05	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-07	3.8E-06	8.5E-07	1.3E-07	2.5E-07	5.3E-08	5.2E-06
333	UCART3	594007.6	4123119.92	594007.59, 4123119.92	9.91E-03	1.23E-03	3.4E-06	1.0E-05	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-07	3.3E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	4.5E-06
334	UCART3	592567.6	4123159.92	592567.59, 4123159.92	9.31E-04	1.44E-04	3.2E-07	9.7E-07	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.3E-08	3.1E-07	8.8E-08	1.3E-08	2.6E-08	5.5E-09	4.5E-07
335	UCART3	592607.6	4123159.92	592607.59, 4123159.92	1.00E-03	1.55E-04	3.5E-07	1.0E-06	1.6E-07	9.4E-08	8.5E-08	3.9E-08	1.4E-08	3.3E-07	9.5E-08	1.4E-08	2.8E-08	5.9E-09	4.9E-07
336	UCART3	592647.6	4123159.92	592647.59, 4123159.92	1.08E-03	1.67E-04	3.7E-07	1.1E-06	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.5E-08	3.5E-07	1.0E-07	1.6E-08	3.0E-08	6.4E-09	5.2E-07
337	UCART3	592687.6	4123159.92	592687.59, 4123159.92	1.15E-03	1.66E-04	4.0E-07	1.2E-06	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.6E-08	3.8E-07	1.0E-07	1.5E-08	3.0E-08	6.3E-09	5.5E-07
338	UCART3	592727.6	4123159.92	592727.59, 4123159.92	1.24E-03	1.79E-04	4.3E-07	1.3E-06	1.9E-07	1.1E-07	9.8E-08	4.5E-08	1.7E-08	4.1E-07	1.1E-07	1.7E-08	3.2E-08	6.8E-09	5.9E-07
339	UCART3	592767.6	4123159.92	592767.59, 4123159.92	1.36E-03	1.96E-04	4.7E-07	1.4E-06	2.1E-07	1.2E-07	1.1E-07	4.9E-08	1.8E-08	4.5E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	6.5E-07
340	UCART3	592807.6	4123159.92	592807.59, 4123159.92	1.50E-03	2.16E-04	5.2E-07	1.6E-06	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.0E-08	4.9E-07	1.3E-07	2.0E-08	3.9E-08	8.2E-09	7.1E-07
341	UCART3	592847.6	4123159.92	592847.59, 4123159.92	1.67E-03	2.40E-04	5.8E-07	1.7E-06	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.3E-08	5.5E-07	1.5E-07	2.2E-08	4.3E-08	9.1E-09	7.9E-07
342	UCART3	592887.6	4123159.92	592887.59, 4123159.92	1.87E-03	2.72E-04	6.5E-07	2.0E-06	2.8E-07	1.6E-07	1.5E-07	6.8E-08	2.5E-08	6.1E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	8.9E-07
343	UCART3	592927.6	4123159.92	592927.59, 4123159.92	2.12E-03	3.21E-04	7.3E-07	2.2E-06	3.4E-07	1.9E-07	1.8E-07	8.0E-08	2.9E-08	7.0E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	1.0E-06
344	UCART3	592967.6	4123159.92	592967.59, 4123159.92	2.42E-03	3.78E-04	8.4E-07	2.5E-06	4.0E-07	2.3E-07	2.1E-07	9.5E-08	3.3E-08	7.9E-07	2.3E-07	3.5E-08	6.8E-08	1.4E-08	1.2E-06
345	UCART3	593007.6	4123159.92	593007.59, 4123159.92	2.79E-03	4.28E-04	9.7E-07	2.9E-06	4.5E-07	2.6E-07	2.3E-07	1.1E-07	3.8E-08	9.2E-07	2.6E-07	4.0E-08	7.8E-08	1.6E-08	1.4E-06
346	UCART3	593047.6	4123159.92	593047.59, 4123159.92	3.24E-03	4.85E-04	1.1E-06	3.4E-06	5.1E-07	2.9E-07	2.7E-07	1.2E-07	4.4E-08	1.1E-06	3.0E-07	4.5E-08	8.8E-08	1.8E-08	1.6E-06
347	UCART3	593087.6	4123159.92	593087.59, 4123159.92	3.84E-03	5.53E-04	1.3E-06	4.0E-06	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.2E-08	1.3E-06	3.4E-07	5.1E-08	1.0E-07	2.1E-08	1.8E-06
348	UCART3	593127.6	4123159.92	593127.59, 4123159.92	4.62E-03	6.38E-04	1.6E-06	4.8E-06	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.3E-08	1.5E-06	3.9E-07	5.9E-08	1.2E-07	2.4E-08	2.2E-06
349	UCART3	593167.6	4123159.92	593167.59, 4123159.92	5.67E-03	7.50E-04	2.0E-06	5.9E-06	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.7E-08	1.9E-06	4.6E-07	7.0E-08	1.4E-07	2.9E-08	2.6E-06
350	UCART3	593207.6	4123159.92	593207.59, 4123159.92	7.04E-03	9.03E-04	2.4E-06	7.4E-06	9.4E-07	5.5E-07	5.0E-07	2.3E-07	9.6E-08	2.3E-06	5.6E-07	8.4E-08	1.6E-07	3.4E-08	3.2E-06
351	UCART3	593247.6	4123159.92	593247.59, 4123159.92	8.82E-03	1.08E-03	3.1E-06	9.2E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-07	2.9E-06	6.6E-07	1.0E-07	2.0E-07	4.1E-08	4.0E-06
352	UCART3	593287.6	4123159.92	593287.59, 4123159.92	1.08E-02	1.23E-03	3.7E-06	1.1E-05	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.5E-07	3.6E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	4.8E-06
353	UCART3	593327.6	4123159.92	593327.59, 4123159.92	1.31E-02	1.38E-03	4.5E-06	1.4E-05	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.8E-07	4.3E-06	8.5E-07	1.3E-07	2.5E-07	5.3E-08	5.8E-06
354	UCART3	593367.6	4123159.92	593367.59, 4123159.92	1.61E-02	1.56E-03	5.6E-06	1.7E-05	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.2E-07	5.3E-06	9.6E-07	1.4E-07	2.8E-07	5.9E-08	7.0E-06
355	UCART3	593407.6	4123159.92	593407.59, 4123159.92	2.09E-02	1.79E-03	7.2E-06	2.2E-05	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.8E-07	6.9E-06	1.1E-06	1.7E-07	3.2E-07	6.8E-08	8.8E-06
356	UCART3	593447.6	4123159.92	593447.59, 4123159.92	2.67E-02	2.04E-03	9.3E-06	2.8E-05	2.1E-06	1.2E-06	1.1E-06	5.1E-07	3.6E-07	8.8E-06	1.3E-06	1.9E-07	3.7E-07	7.8E-08	1.1E-05
357	UCART3	593487.6	4123159.92	593487.59, 4123159.92	3.19E-02	2.26E-03	1.1E-05	3.3E-05	2.4E-06	1.4E-06	1.2E-06	5.7E-07	4.3E-07	1.0E-05	1.4E-06	2.1E-07	4.1E-07	8.6E-08	1.3E-05
358	UCART3	593527.6	4123159.92	593527.59, 4123159.92	3.53E-02	2.43E-03	1.2E-05	3.7E-05	2.5E-06	1.5E-06	1.3E-06	6.1E-07	4.8E-07	1.2E-05	1.5E-06	2.3E-07	4.4E-07	9.2E-08	1.4E-05
359	UCART3	593567.6	4123159.92	593567.59, 4123159.92	3.70E-02	2.59E-03	1.3E-05	3.9E-05	2.7E-06	1.6E-06	1.4E-06	6.5E-07	5.0E-07	1.2E-05	1.6E-06	2.4E-07	4.7E-07	9.8E-08	1.5E-05
360	UCART3	593607.6	4123159.92	593607.59, 4123159.92	3.69E-02	2.72E-03	1.3E-05	3.9E-05	2.8E-06	1.6E-06	1.5E-06	6.8E-07	5.0E-07	1.2E-05	1.7E-06	2.5E-07	4.9E-07	1.0E-07	1.5E-05
361	UCART3	593647.6	4123159.92	593647.59, 4123159.92	3.56E-02	2.80E-03	1.2E-05	3.7E-05	2.9E-06	1.7E-06	1.5E-06	7.0E-07	4.8E-07	1.2E-05	1.7E-06	2.6E-07	5.1E-07	1.1E-07	1.5E-05
362	UCART3	593687.6	4123159.92	593687.59, 4123159.92	3.31E-02	2.79E-03	1.1E-05	3.5E-05	2.9E-06	1.7E-06	1.5E-06	7.0E-07	4.5E-07	1.1E-05	1.7E-06	2.6E-07	5.0E-07	1.1E-07	1.4E-05
363	UCART3	593727.6	4123159.92	593727.59, 4123159.92	2.98E-02	2.68E-03	1.0E-05	3.1E-05	2.8E-06	1.6E-06	1.5E-06	6.7E-07	4.1E-07	9.8E-06	1.7E-06	2.5E-07	4.9E-07	1.0E-07	1.3E-05
364	UCART3	593767.6	4123159.92	593767.59, 4123159.92	2.61E-02	2.51E-03	9.0E-06	2.7E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.6E-07	8.6E-06	1.5E-06	2.3E-07	4.5E-07	9.5E-08	1.1E-05
365	UCART3	593807.6	4123159.92	593807.59, 4123159.92	2.25E-02	2.29E-03	7.8E-06	2.4E-05	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-07	7.4E-06	1.4E-06	2.1E-07	4.1E-07	8.7E-08	9.8E-06
366	UCART3	593847.6	4123159.92	593847.59, 4123159.92	1.92E-02	2.06E-03	6.7E-06	2.0E-05	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.6E-07	6.3E-06	1.3E-06	1.9E-07	3.7E-07	7.8E-08	8.5E-06
367	UCART3	593887.6	4123159.92	593887.59, 4123159.92	1.63E-02	1.82E-03	5.6E-06	1.7E-05	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.2E-07	5.3E-06	1.1E-06	1.7E-07	3.3E-07	6.9E-08	7.3E-06
368	UCART3	593927.6	4123159.92	593927.59, 4123159.92	1.37E-02	1.60E-03	4.7E-06	1.4E-05	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-07	4.5E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	6.2E-06

OPERATIONAL RISK (UNMITIGATED)

369	UCART3	593967.6	4123159.92	593967.59, 4123159.92	1.15E-02	1.40E-03	4.0E-06	1.2E-05	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-07	3.8E-06	8.6E-07	1.3E-07	2.5E-07	5.3E-08	5.2E-06
370	UCART3	594007.6	4123159.92	594007.59, 4123159.92	9.59E-03	1.22E-03	3.3E-06	1.0E-05	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.3E-07	3.1E-06	7.5E-07	1.1E-07	2.2E-07	4.6E-08	4.4E-06
371	UCART3	592567.6	4123199.92	592567.59, 4123199.92	9.83E-04	1.53E-04	3.4E-07	1.0E-06	1.6E-07	9.3E-08	8.4E-08	3.8E-08	1.3E-08	3.2E-07	9.4E-08	1.4E-08	2.8E-08	5.8E-09	4.8E-07
372	UCART3	592607.6	4123199.92	592607.59, 4123199.92	1.06E-03	1.66E-04	3.7E-07	1.1E-06	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.4E-08	3.5E-07	1.0E-07	1.5E-08	3.0E-08	6.3E-09	5.2E-07
373	UCART3	592647.6	4123199.92	592647.59, 4123199.92	1.15E-03	1.81E-04	4.0E-07	1.2E-06	1.9E-07	1.1E-07	9.9E-08	4.5E-08	1.6E-08	3.8E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	5.6E-07
374	UCART3	592687.6	4123199.92	592687.59, 4123199.92	1.24E-03	1.93E-04	4.3E-07	1.3E-06	2.0E-07	1.2E-07	1.1E-07	4.8E-08	1.7E-08	4.1E-07	1.2E-07	1.8E-08	3.5E-08	7.3E-09	6.0E-07
375	UCART3	592727.6	4123199.92	592727.59, 4123199.92	1.35E-03	2.02E-04	4.7E-07	1.4E-06	2.1E-07	1.2E-07	1.1E-07	5.1E-08	1.8E-08	4.4E-07	1.2E-07	1.9E-08	3.7E-08	7.7E-09	6.5E-07
376	UCART3	592767.6	4123199.92	592767.59, 4123199.92	1.48E-03	2.24E-04	5.1E-07	1.5E-06	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.0E-08	4.9E-07	1.4E-07	2.1E-08	4.1E-08	8.5E-09	7.1E-07
377	UCART3	592807.6	4123199.92	592807.59, 4123199.92	1.64E-03	2.50E-04	5.7E-07	1.7E-06	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.2E-08	5.4E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	7.9E-07
378	UCART3	592847.6	4123199.92	592847.59, 4123199.92	1.85E-03	2.94E-04	6.4E-07	1.9E-06	3.1E-07	1.8E-07	1.6E-07	7.4E-08	2.5E-08	6.1E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	9.1E-07
379	UCART3	592887.6	4123199.92	592887.59, 4123199.92	2.09E-03	3.40E-04	7.2E-07	2.2E-06	3.6E-07	2.1E-07	1.9E-07	8.5E-08	2.8E-08	6.9E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	1.0E-06
380	UCART3	592927.6	4123199.92	592927.59, 4123199.92	2.39E-03	4.02E-04	8.3E-07	2.5E-06	4.2E-07	2.4E-07	2.2E-07	1.0E-07	3.3E-08	7.9E-07	2.5E-07	3.7E-08	7.3E-08	1.5E-08	1.2E-06
381	UCART3	592967.6	4123199.92	592967.59, 4123199.92	2.76E-03	4.56E-04	9.6E-07	2.9E-06	4.8E-07	2.8E-07	2.5E-07	1.1E-07	3.8E-08	9.1E-07	2.8E-07	4.2E-08	8.3E-08	1.7E-08	1.4E-06
382	UCART3	593007.6	4123199.92	593007.59, 4123199.92	3.22E-03	5.14E-04	1.1E-06	3.4E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	4.4E-08	1.1E-06	3.2E-07	4.8E-08	9.3E-08	2.0E-08	1.6E-06
383	UCART3	593047.6	4123199.92	593047.59, 4123199.92	3.82E-03	5.86E-04	1.3E-06	4.0E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	5.2E-08	1.3E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	1.9E-06
384	UCART3	593087.6	4123199.92	593087.59, 4123199.92	4.63E-03	6.83E-04	1.6E-06	4.8E-06	7.1E-07	4.1E-07	3.7E-07	1.7E-07	6.3E-08	1.5E-06	4.2E-07	6.3E-08	1.2E-07	2.6E-08	2.2E-06
385	UCART3	593127.6	4123199.92	593127.59, 4123199.92	5.72E-03	8.22E-04	2.0E-06	6.0E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	7.8E-08	1.9E-06	5.1E-07	7.6E-08	1.5E-07	3.1E-08	2.7E-06
386	UCART3	593167.6	4123199.92	593167.59, 4123199.92	7.37E-03	1.07E-03	2.5E-06	7.7E-06	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.0E-07	2.4E-06	6.6E-07	9.9E-08	1.9E-07	4.1E-08	3.5E-06
387	UCART3	593207.6	4123199.92	593207.59, 4123199.92	9.72E-03	1.43E-03	3.4E-06	1.0E-05	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.3E-07	3.2E-06	8.8E-07	1.3E-07	2.6E-07	5.4E-08	4.7E-06
388	UCART3	593247.6	4123199.92	593247.59, 4123199.92	1.30E-02	1.71E-03	4.5E-06	1.4E-05	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-07	4.3E-06	1.1E-06	1.6E-07	3.1E-07	6.5E-08	6.0E-06
389	UCART3	593287.6	4123199.92	593287.59, 4123199.92	1.73E-02	1.94E-03	6.0E-06	1.8E-05	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.4E-07	5.7E-06	1.2E-06	1.8E-07	3.5E-07	7.4E-08	7.7E-06
390	UCART3	593327.6	4123199.92	593327.59, 4123199.92	2.30E-02	2.21E-03	8.0E-06	2.4E-05	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.1E-07	7.5E-06	1.4E-06	2.1E-07	4.0E-07	8.4E-08	9.9E-06
391	UCART3	593367.6	4123199.92	593367.59, 4123199.92	3.21E-02	2.62E-03	1.1E-05	3.4E-05	2.7E-06	1.6E-06	1.4E-06	6.6E-07	4.4E-07	1.1E-05	1.6E-06	2.4E-07	4.7E-07	1.0E-07	1.3E-05
392	UCART3	593407.6	4123199.92	593407.59, 4123199.92	4.37E-02	3.02E-03	1.5E-05	4.6E-05	3.2E-06	1.8E-06	1.7E-06	7.6E-07	5.9E-07	1.4E-05	1.9E-06	2.8E-07	5.5E-07	1.1E-07	1.8E-05
393	UCART3	593447.6	4123199.92	593447.59, 4123199.92	5.23E-02	3.32E-03	1.8E-05	5.5E-05	3.5E-06	2.0E-06	1.8E-06	8.3E-07	7.1E-07	1.7E-05	2.0E-06	3.1E-07	6.0E-07	1.3E-07	2.1E-05
394	UCART3	593487.6	4123199.92	593487.59, 4123199.92	5.64E-02	3.47E-03	2.0E-05	5.9E-05	3.6E-06	2.1E-06	1.9E-06	8.7E-07	7.7E-07	1.9E-05	2.1E-06	3.2E-07	6.3E-07	1.3E-07	2.3E-05
395	UCART3	593527.6	4123199.92	593527.59, 4123199.92	5.80E-02	3.60E-03	2.0E-05	6.1E-05	3.8E-06	2.2E-06	2.0E-06	9.0E-07	7.9E-07	1.9E-05	2.2E-06	3.3E-07	6.5E-07	1.4E-07	2.3E-05
396	UCART3	593567.6	4123199.92	593567.59, 4123199.92	5.72E-02	3.77E-03	2.0E-05	6.0E-05	3.9E-06	2.3E-06	2.1E-06	9.4E-07	7.8E-07	1.9E-05	2.3E-06	3.5E-07	6.8E-07	1.4E-07	2.3E-05
397	UCART3	593607.6	4123199.92	593607.59, 4123199.92	5.44E-02	3.88E-03	1.9E-05	5.7E-05	4.1E-06	2.3E-06	2.1E-06	9.7E-07	7.4E-07	1.8E-05	2.4E-06	3.6E-07	7.0E-07	1.5E-07	2.2E-05
398	UCART3	593647.6	4123199.92	593647.59, 4123199.92	4.95E-02	3.84E-03	1.7E-05	5.2E-05	4.0E-06	2.3E-06	2.1E-06	9.6E-07	6.7E-07	1.6E-05	2.4E-06	3.6E-07	6.9E-07	1.5E-07	2.0E-05
399	UCART3	593687.6	4123199.92	593687.59, 4123199.92	4.31E-02	3.60E-03	1.5E-05	4.5E-05	3.8E-06	2.2E-06	2.0E-06	9.0E-07	5.9E-07	1.4E-05	2.2E-06	3.3E-07	6.5E-07	1.4E-07	1.8E-05
400	UCART3	593727.6	4123199.92	593727.59, 4123199.92	3.61E-02	3.26E-03	1.2E-05	3.8E-05	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.9E-07	1.2E-05	2.0E-06	3.0E-07	5.9E-07	1.2E-07	1.5E-05
401	UCART3	593767.6	4123199.92	593767.59, 4123199.92	2.98E-02	2.89E-03	1.0E-05	3.1E-05	3.0E-06	1.8E-06	1.6E-06	7.2E-07	4.0E-07	9.8E-06	1.8E-06	2.7E-07	5.2E-07	1.1E-07	1.3E-05
402	UCART3	593807.6	4123199.92	593807.59, 4123199.92	2.45E-02	2.53E-03	8.5E-06	2.6E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.3E-07	8.0E-06	1.6E-06	2.3E-07	4.6E-07	9.6E-08	1.1E-05
403	UCART3	593847.6	4123199.92	593847.59, 4123199.92	2.01E-02	2.18E-03	7.0E-06	2.1E-05	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.7E-07	6.6E-06	1.3E-06	2.0E-07	3.9E-07	8.3E-08	8.9E-06
404	UCART3	593887.6	4123199.92	593887.59, 4123199.92	1.64E-02	1.86E-03	5.7E-06	1.7E-05	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-07	5.4E-06	1.1E-06	1.7E-07	3.4E-07	7.1E-08	7.3E-06
405	UCART3	593927.6	4123199.92	593927.59, 4123199.92	1.34E-02	1.58E-03	4.6E-06	1.4E-05	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-07	4.4E-06	9.8E-07	1.5E-07	2.9E-07	6.0E-08	6.1E-06
406	UCART3	593967.6	4123199.92	593967.59, 4123199.92	1.09E-02	1.35E-03	3.8E-06	1.1E-05	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.5E-07	3.6E-06	8.3E-07	1.2E-07	2.4E-07	5.1E-08	5.0E-06
407	UCART3	594007.6	4123199.92	594007.59, 4123199.92	8.92E-03	1.15E-03	3.1E-06	9.3E-06	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-07	2.9E-06	7.1E-07	1.1E-07	2.1E-07	4.4E-08	4.1E-06
408	UCART3	592567.6	4123239.92	592567.59, 4123239.92	1.04E-03	1.64E-04	3.6E-07	1.1E-06	1.7E-07	9.9E-08	9.0E-08	4.1E-08	1.4E-08	3.4E-07	1.0E-07	1.5E-08	3.0E-08	6.2E-09	5.1E-07
409	UCART3	592607.6	4123239.92	592607.59, 4123239.92	1.12E-03	1.79E-04	3.9E-07	1.2E-06	1.9E-07	1.1E-07	9.8E-08	4.5E-08	1.5E-08	3.7E-07	1.1E-07	1.7E-08	3.2E-08	6.8E-09	5.5E-07
410	UCART3	592647.6	4123239.92	592647.59, 4123239.92	1.22E-03	1.97E-04	4.2E-07	1.3E-06	2.1E-07	1.2E-07	1.1E-07	4.9E-08	1.7E-08	4.0E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	6.0E-07
411	UCART3	592687.6	4123239.92	592687.59, 4123239.92	1.34E-03	2.19E-04	4.6E-07	1.4E-06	2.3E-07	1.3E-07	1.2E-07	5.5E-08	1.8E-08	4.4E-07	1.3E-07	2.0E-08	4.0E-08	8.3E-09	6.6E-07
412	UCART3	592727.6	4123239.92	592727.59, 4123239.92	1.47E-03	2.45E-04	5.1E-07	1.5E-06	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.0E-08	4.8E-07	1.5E-07	2.3E-08	4.4E-08	9.3E-09	7.3E-07
413	UCART3	592767.6	4123239.92	592767.59, 4123239.92	1.62E-03	2.63E-04	5.6E-07	1.7E-06	2.7E-07	1.6E-07	1.4E-07	6.6E-08	2.2E-08	5.3E-07	1.6E-07	2.4E-08	4.8E-08	1.0E-08	8.0E-07
414	UCART3	592807.6	4123239.92	592807.59, 4123239.92	1.81E-03	3.02E-04	6.3E-07	1.9E-06	3.2E-07	1.8E-07	1.7E-07	7.6E-08	2.5E-08	6.0E-07	1.9E-07	2.8E-08	5.5E-08	1.1E-08	9.0E-07
415	UCART3	592847.6	4123239.92	592847.59, 4123239.92	2.06E-03	3.71E-04	7.1E-07	2.2E-06	3.9E-07	2.2E-07	2.0E-07	9.3E-08	2.8E-08	6.8E-07	2.3E-07	3.4E-08	6.7E-08	1.4E-08	1.0E-06
416	UCART3	592887.6	4123239.92	592887.59, 4123239.92	2.34E-03	4.30E-04	8.1E-07	2.5E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	3.2E-08	7.7E-07	2.6E-07	4.0E-08	7.8E-08	1.6E-08	1.2E-06
417	UCART3	592927.6	4123239.92	592927.59, 4123239.92	2.70E-03	5.06E-04	9.3E-07	2.8E-06	5.3E-07	3.1E-07	2.8E-07	1.3E-07	3.7E-08	8.9E-07	3.1E-07	4.7E-08	9.2E-08	1.9E-08	1.4E-06
418	UCART3	592967.6	4123239.92	592967.59, 4123239.92	3.14E-03	5.59E-04	1.1E-06	3.3E-06	5.8E-07	3.4E-07	3.1E-07	1.4E-07	4.3E-08	1.0E-06	3.4E-07	5.2E-08	1.0E-07	2.1E-08	1.6E-06
419	UCART3	593007.6	4123239.92	593007.59, 4123239.92	3.71E-03	6.23E-04	1.3E-06	3.9E-06	6.5E-07	3.8E-07	3.4E-07	1.6E-07	5.0E-08	1.2E-06	3.8E-07	5.8E-08	1.1E-07	2.4E-08	1.8E-06
420	UCART3	593047.6	4123239.92	593047.59, 4123239.92	4.49E-03	7.19E-04	1.6E-06	4.7E-06	7.5E-07	4.4E-07	3.9E-07	1.8E-07	6.1E-08	1.5E-06	4.4E-07	6.7E-08	1.3E-07	2.7E-08	2.2E-06
421	UCART3	593087.6	4123239.92	593087.59, 4123239.92	5.59E-03	8.81E-04	1.9E-06	5.8E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	7.6E-08	1.8E-06	5.4E-07	8.2E-08	1.6E-07	3.4E-08	2.7E-06
422	UCART3	593127.6	4123239.92	593127.59, 4123239.92	7.34E-03	1.25E-03	2.5E-06	7.7E-06	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.0E-07	2.4E-06	7.7E-07	1.2E-07	2.3E-07	4.8E-08	3.7E-06

OPERATIONAL RISK (UNMITIGATED)

423	UCART3	593167.6	4123239.92	593167.59, 4123239.92	1.01E-02	1.97E-03	3.5E-06	1.1E-05	2.1E-06	1.2E-06	1.1E-06	4.9E-07	1.4E-07	3.3E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	5.3E-06
424	UCART3	593207.6	4123239.92	593207.59, 4123239.92	1.39E-02	2.24E-03	4.8E-06	1.4E-05	2.3E-06	1.4E-06	1.2E-06	5.6E-07	1.9E-07	4.6E-06	1.4E-06	2.1E-07	4.1E-07	8.5E-08	6.8E-06
425	UCART3	593247.6	4123239.92	593247.59, 4123239.92	2.09E-02	2.64E-03	7.2E-06	2.2E-05	2.8E-06	1.6E-06	1.4E-06	6.6E-07	2.8E-07	6.9E-06	1.6E-06	2.4E-07	4.8E-07	1.0E-07	9.6E-06
426	UCART3	593287.6	4123239.92	593287.59, 4123239.92	3.45E-02	3.03E-03	1.2E-05	3.6E-05	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.7E-07	1.1E-05	1.9E-06	2.8E-07	5.5E-07	1.2E-07	1.5E-05
427	UCART3	593327.6	4123239.92	593327.59, 4123239.92	6.24E-02	4.39E-03	2.2E-05	6.5E-05	4.6E-06	2.7E-06	2.4E-06	1.1E-06	8.5E-07	2.1E-05	2.7E-06	4.1E-07	7.9E-07	1.7E-07	2.5E-05
428	UCART3	593367.6	4123239.92	593367.59, 4123239.92	9.35E-02	4.93E-03	3.2E-05	9.8E-05	5.2E-06	3.0E-06	2.7E-06	1.2E-06	1.3E-06	3.1E-05	3.0E-06	4.6E-07	8.9E-07	1.9E-07	3.7E-05
429	UCART3	593407.6	4123239.92	593407.59, 4123239.92	1.04E-01	5.72E-03	3.6E-05	1.1E-04	6.0E-06	3.5E-06	3.1E-06	1.4E-06	1.4E-06	3.4E-05	3.5E-06	5.3E-07	1.0E-06	2.2E-07	4.1E-05
430	UCART3	593447.6	4123239.92	593447.59, 4123239.92	1.04E-01	5.17E-03	3.6E-05	1.1E-04	5.4E-06	3.1E-06	2.8E-06	1.3E-06	1.4E-06	3.4E-05	3.2E-06	4.8E-07	9.4E-07	2.0E-07	4.0E-05
431	UCART3	593487.6	4123239.92	593487.59, 4123239.92	1.03E-01	5.35E-03	3.6E-05	1.1E-04	5.6E-06	3.2E-06	2.9E-06	1.3E-06	1.4E-06	3.4E-05	3.3E-06	5.0E-07	9.7E-07	2.0E-07	4.0E-05
432	UCART3	593527.6	4123239.92	593527.59, 4123239.92	1.01E-01	5.22E-03	3.5E-05	1.1E-04	5.5E-06	3.2E-06	2.9E-06	1.3E-06	1.4E-06	3.3E-05	3.2E-06	4.8E-07	9.4E-07	2.0E-07	3.9E-05
433	UCART3	593567.6	4123239.92	593567.59, 4123239.92	9.68E-02	5.73E-03	3.4E-05	1.0E-04	6.0E-06	3.5E-06	3.1E-06	1.4E-06	1.3E-06	3.2E-05	3.5E-06	5.3E-07	1.0E-06	2.2E-07	3.8E-05
434	UCART2	593607.6	4123239.92	593607.59, 4123239.92	8.68E-02	5.79E-03	3.0E-05	9.1E-05	6.1E-06	3.5E-06	3.2E-06	1.5E-06	1.2E-06	2.9E-05	3.6E-06	5.4E-07	1.0E-06	2.2E-07	3.5E-05
435	UCART2	593647.6	4123239.92	593647.59, 4123239.92	7.14E-02	5.22E-03	2.5E-05	7.5E-05	5.5E-06	3.2E-06	2.9E-06	1.3E-06	9.7E-07	2.3E-05	3.2E-06	4.8E-07	9.4E-07	2.0E-07	2.9E-05
436	UCART2	593687.6	4123239.92	593687.59, 4123239.92	5.48E-02	4.43E-03	1.9E-05	5.7E-05	4.6E-06	2.7E-06	2.4E-06	1.1E-06	7.5E-07	1.8E-05	2.7E-06	4.1E-07	8.0E-07	1.7E-07	2.3E-05
437	UCART2	593727.6	4123239.92	593727.59, 4123239.92	4.16E-02	3.76E-03	1.4E-05	4.4E-05	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.7E-07	1.4E-05	2.3E-06	3.5E-07	6.8E-07	1.4E-07	1.8E-05
438	UCART2	593767.6	4123239.92	593767.59, 4123239.92	3.25E-02	3.15E-03	1.1E-05	3.4E-05	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.4E-07	1.1E-05	1.9E-06	2.9E-07	5.7E-07	1.2E-07	1.4E-05
439	UCART2	593807.6	4123239.92	593807.59, 4123239.92	2.56E-02	2.62E-03	8.9E-06	2.7E-05	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.5E-07	8.4E-06	1.6E-06	2.4E-07	4.7E-07	1.0E-07	1.1E-05
440	UCART2	593847.6	4123239.92	593847.59, 4123239.92	2.02E-02	2.17E-03	7.0E-06	2.1E-05	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.7E-07	6.6E-06	1.3E-06	2.0E-07	3.9E-07	8.3E-08	8.9E-06
441	UCART2	593887.6	4123239.92	593887.59, 4123239.92	1.59E-02	1.79E-03	5.5E-06	1.7E-05	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.2E-07	5.2E-06	1.1E-06	1.7E-07	3.2E-07	6.8E-08	7.1E-06
442	UCART2	593927.6	4123239.92	593927.59, 4123239.92	1.26E-02	1.48E-03	4.3E-06	1.3E-05	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.7E-07	4.1E-06	9.1E-07	1.4E-07	2.7E-07	5.6E-08	5.7E-06
443	UCART2	593967.6	4123239.92	593967.59, 4123239.92	9.95E-03	1.23E-03	3.4E-06	1.0E-05	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-07	3.3E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	4.5E-06
444	UCART2	594007.6	4123239.92	594007.59, 4123239.92	7.96E-03	1.03E-03	2.8E-06	8.3E-06	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-07	2.6E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	3.7E-06
445	UCART2	592567.6	4123279.92	592567.59, 4123279.92	1.10E-03	1.75E-04	3.8E-07	1.1E-06	1.8E-07	1.1E-07	9.6E-08	4.4E-08	1.5E-08	3.6E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	5.4E-07
446	UCART2	592607.6	4123279.92	592607.59, 4123279.92	1.19E-03	1.93E-04	4.1E-07	1.2E-06	2.0E-07	1.2E-07	1.1E-07	4.8E-08	1.6E-08	3.9E-07	1.2E-07	1.8E-08	3.5E-08	7.3E-09	5.9E-07
447	UCART2	592647.6	4123279.92	592647.59, 4123279.92	1.31E-03	2.15E-04	4.5E-07	1.4E-06	2.2E-07	1.3E-07	1.2E-07	5.4E-08	1.8E-08	4.3E-07	1.3E-07	2.0E-08	3.9E-08	8.2E-09	6.5E-07
448	UCART2	592687.6	4123279.92	592687.59, 4123279.92	1.44E-03	2.43E-04	5.0E-07	1.5E-06	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.0E-08	4.7E-07	1.5E-07	2.3E-08	4.4E-08	9.2E-09	7.2E-07
449	UCART2	592727.6	4123279.92	592727.59, 4123279.92	1.60E-03	2.82E-04	5.5E-07	1.7E-06	2.9E-07	1.7E-07	1.5E-07	7.1E-08	2.2E-08	5.3E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	8.1E-07
450	UCART2	592767.6	4123279.92	592767.59, 4123279.92	1.80E-03	3.44E-04	6.2E-07	1.9E-06	3.6E-07	2.1E-07	1.9E-07	8.6E-08	2.4E-08	5.9E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	9.3E-07
451	UCART2	592807.6	4123279.92	592807.59, 4123279.92	2.06E-03	4.40E-04	7.1E-07	2.2E-06	4.6E-07	2.7E-07	2.4E-07	1.1E-07	2.8E-08	6.8E-07	2.7E-07	4.1E-08	8.0E-08	1.7E-08	1.1E-06
452	UCART2	592847.6	4123279.92	592847.59, 4123279.92	2.41E-03	6.03E-04	8.3E-07	2.5E-06	6.3E-07	3.6E-07	3.3E-07	1.5E-07	3.3E-08	7.9E-07	3.7E-07	5.6E-08	1.1E-07	2.3E-08	1.4E-06
453	UCART2	592887.6	4123279.92	592887.59, 4123279.92	2.69E-03	6.19E-04	9.3E-07	2.8E-06	6.5E-07	3.7E-07	3.4E-07	1.5E-07	3.7E-08	8.8E-07	3.8E-07	5.7E-08	1.1E-07	2.4E-08	1.5E-06
454	UCART2	592927.6	4123279.92	592927.59, 4123279.92	3.06E-03	6.48E-04	1.1E-06	3.2E-06	6.8E-07	3.9E-07	3.6E-07	1.6E-07	4.2E-08	1.0E-06	4.0E-07	6.0E-08	1.2E-07	2.5E-08	1.6E-06
455	UCART2	592967.6	4123279.92	592967.59, 4123279.92	3.57E-03	6.84E-04	1.2E-06	3.7E-06	7.1E-07	4.1E-07	3.8E-07	1.7E-07	4.9E-08	1.2E-06	4.2E-07	6.3E-08	1.2E-07	2.6E-08	1.9E-06
456	UCART2	593007.6	4123279.92	593007.59, 4123279.92	4.27E-03	7.59E-04	1.5E-06	4.5E-06	7.9E-07	4.6E-07	4.2E-07	1.9E-07	5.8E-08	1.4E-06	4.7E-07	7.0E-08	1.4E-07	2.9E-08	2.2E-06
457	UCART2	593047.6	4123279.92	593047.59, 4123279.92	5.27E-03	9.07E-04	1.8E-06	5.5E-06	9.5E-07	5.5E-07	5.0E-07	2.3E-07	7.2E-08	1.7E-06	5.6E-07	8.4E-08	1.6E-07	3.5E-08	2.6E-06
458	UCART2	593087.6	4123279.92	593087.59, 4123279.92	6.84E-03	1.26E-03	2.4E-06	7.2E-06	1.3E-06	7.6E-07	6.9E-07	3.2E-07	9.3E-08	2.2E-06	7.8E-07	1.2E-07	2.3E-07	4.8E-08	3.5E-06
459	UCART2	593127.6	4123279.92	593127.59, 4123279.92	9.44E-03	1.98E-03	3.3E-06	9.9E-06	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.3E-07	3.1E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	5.1E-06
460	UCART2	593167.6	4123279.92	593167.59, 4123279.92	1.31E-02	2.48E-03	4.5E-06	1.4E-05	2.6E-06	1.5E-06	1.4E-06	6.2E-07	1.8E-07	4.3E-06	1.5E-06	2.3E-07	4.5E-07	9.4E-08	6.8E-06
461	UCART2	593207.6	4123279.92	593207.59, 4123279.92	1.92E-02	2.52E-03	6.7E-06	2.0E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-07	6.3E-06	1.6E-06	2.3E-07	4.6E-07	9.6E-08	8.9E-06
462	UCART2	593247.6	4123279.92	593247.59, 4123279.92	3.57E-02	3.13E-03	1.2E-05	3.7E-05	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.9E-07	1.2E-05	1.9E-06	2.9E-07	5.7E-07	1.2E-07	1.5E-05
463	UCART2	593287.6	4123279.92	593287.59, 4123279.92	9.75E-02	6.38E-03	3.4E-05	1.0E-04	6.7E-06	3.9E-06	3.5E-06	1.6E-06	1.3E-06	3.2E-05	3.9E-06	5.9E-07	1.2E-06	2.4E-07	3.9E-05
464	UCART2	593327.6	4123279.92	593327.59, 4123279.92	1.80E-01	8.91E-03	6.2E-05	1.9E-04	9.3E-06	5.4E-06	4.9E-06	2.2E-06	2.4E-06	5.9E-05	5.5E-06	8.3E-07	1.6E-06	3.4E-07	7.0E-05
465	UCART2	593367.6	4123279.92	593367.59, 4123279.92	2.52E-01	8.43E-03	8.7E-05	2.6E-04	8.8E-06	5.1E-06	4.6E-06	2.1E-06	3.4E-06	8.3E-05	5.2E-06	7.8E-07	1.5E-06	3.2E-07	9.4E-05
466	UCART2	593407.6	4123279.92	593407.59, 4123279.92	2.08E-01	7.79E-03	7.2E-05	2.2E-04	8.1E-06	4.7E-06	4.3E-06	1.9E-06	2.8E-06	6.8E-05	4.8E-06	7.2E-07	1.4E-06	3.0E-07	7.8E-05
467	UCART2	593447.6	4123279.92	593447.59, 4123279.92	1.94E-01	6.68E-03	6.7E-05	2.0E-04	7.0E-06	4.0E-06	3.7E-06	1.7E-06	2.6E-06	6.4E-05	4.1E-06	6.2E-07	1.2E-06	2.5E-07	7.3E-05
468	UCART2	593487.6	4123279.92	593487.59, 4123279.92	1.84E-01	6.90E-03	6.4E-05	1.9E-04	7.2E-06	4.2E-06	3.8E-06	1.7E-06	2.5E-06	6.0E-05	4.2E-06	6.4E-07	1.2E-06	2.6E-07	6.9E-05
469	UCART2	593527.6	4123279.92	593527.59, 4123279.92	1.91E-01	7.39E-03	6.6E-05	2.0E-04	7.7E-06	4.5E-06	4.1E-06	1.9E-06	2.6E-06	6.3E-05	4.6E-06	6.9E-07	1.3E-06	2.8E-07	7.2E-05
470	UCART2	593567.6	4123279.92	593567.59, 4123279.92	1.49E-01	7.47E-03	5.1E-05	1.6E-04	7.8E-06	4.5E-06	4.1E-06	1.9E-06	2.0E-06	4.9E-05	4.6E-06	6.9E-07	1.4E-06	2.8E-07	5.8E-05
471	UCART2	593607.6	4123279.92	593607.59, 4123279.92	1.21E-01	7.13E-03	4.2E-05	1.3E-04	7.5E-06	4.3E-06	3.9E-06	1.8E-06	1.6E-06	4.0E-05	4.4E-06	6.6E-07	1.3E-06	2.7E-07	4.8E-05
472	UCART2	593647.6	4123279.92	593647.59, 4123279.92	1.03E-01	5.82E-03	3.6E-05	1.1E-04	6.1E-06	3.5E-06	3.2E-06	1.5E-06	1.4E-06	3.4E-05	3.6E-06	5.4E-07	1.1E-06	2.2E-07	4.1E-05
473	UCART2	593687.6	4123279.92	593687.59, 4123279.92	6.38E-02	5.14E-03	2.2E-05	6.7E-05	5.4E-06	3.1E-06	2.8E-06	1.3E-06	8.7E-07	2.1E-05	3.2E-06	4.8E-07	9.3E-07	2.0E-07	2.7E-05
474	UCART2	593727.6	4123279.92	593727.59, 4123279.92	4.63E-02	4.05E-03	1.6E-05	4.8E-05	4.2E-06	2.4E-06	2.2E-06	1.0E-06	6.3E-07	1.5E-05	2.5E-06	3.8E-07	7.3E-07	1.5E-07	2.0E-05
475	UCART2	593767.6	4123279.92	593767.59, 4123279.92	3.46E-02	3.20E-03	1.2E-05	3.6E-05	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.7E-07	1.1E-05	2.0E-06	3.0E-07	5.8E-07	1.2E-07	1.5E-05
476	UCART2	593807.6	4123279.92	593807.59, 4123279.92	2.60E-02	2.53E-03	9.0E-06	2.7E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.5E-07	8.5E-06	1.6E-06	2.3E-07	4.6E-07	9.6E-08	1.1E-05

OPERATIONAL RISK (UNMITIGATED)

477	UCART2	593847.6	4123279.92	593847.59, 4123279.92	1.95E-02	2.01E-03	6.7E-06	2.0E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.6E-07	6.4E-06	1.2E-06	1.9E-07	3.6E-07	7.6E-08	8.5E-06
478	UCART2	593887.6	4123279.92	593887.59, 4123279.92	1.47E-02	1.61E-03	5.1E-06	1.5E-05	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.0E-07	4.8E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	6.5E-06
479	UCART2	593927.6	4123279.92	593927.59, 4123279.92	1.12E-02	1.30E-03	3.9E-06	1.2E-05	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-07	3.7E-06	8.0E-07	1.2E-07	2.4E-07	5.0E-08	5.0E-06
480	UCART2	593967.6	4123279.92	593967.59, 4123279.92	8.63E-03	1.07E-03	3.0E-06	9.0E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-07	2.8E-06	6.6E-07	9.9E-08	1.9E-07	4.1E-08	3.9E-06
481	UCART2	594007.6	4123279.92	594007.59, 4123279.92	6.80E-03	8.93E-04	2.4E-06	7.1E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.2E-08	2.2E-06	5.5E-07	8.3E-08	1.6E-07	3.4E-08	3.2E-06
482	UCART2	592567.6	4123319.92	592567.59, 4123319.92	1.17E-03	1.88E-04	4.0E-07	1.2E-06	2.0E-07	1.1E-07	1.0E-07	4.7E-08	1.6E-08	3.8E-07	1.2E-07	1.7E-08	3.4E-08	7.1E-09	5.7E-07
483	UCART2	592607.6	4123319.92	592607.59, 4123319.92	1.27E-03	2.09E-04	4.4E-07	1.3E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	1.7E-08	4.2E-07	1.3E-07	1.9E-08	3.8E-08	7.9E-09	6.3E-07
484	UCART2	592647.6	4123319.92	592647.59, 4123319.92	1.40E-03	2.35E-04	4.8E-07	1.5E-06	2.5E-07	1.4E-07	1.3E-07	5.9E-08	1.9E-08	4.6E-07	1.4E-07	2.2E-08	4.3E-08	8.9E-09	7.0E-07
485	UCART2	592687.6	4123319.92	592687.59, 4123319.92	1.55E-03	2.72E-04	5.4E-07	1.6E-06	2.8E-07	1.6E-07	1.5E-07	6.8E-08	2.1E-08	5.1E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	7.8E-07
486	UCART2	592727.6	4123319.92	592727.59, 4123319.92	1.74E-03	3.34E-04	6.0E-07	1.8E-06	3.5E-07	2.0E-07	1.8E-07	8.4E-08	2.4E-08	5.7E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	9.1E-07
487	UCART2	592767.6	4123319.92	592767.59, 4123319.92	2.07E-03	5.09E-04	7.2E-07	2.2E-06	5.3E-07	3.1E-07	2.8E-07	1.3E-07	2.8E-08	6.8E-07	3.1E-07	4.7E-08	9.2E-08	1.9E-08	1.2E-06
488	UCART2	592807.6	4123319.92	592807.59, 4123319.92	2.27E-03	5.00E-04	7.8E-07	2.4E-06	5.2E-07	3.0E-07	2.7E-07	1.3E-07	3.1E-08	7.4E-07	3.1E-07	4.6E-08	9.1E-08	1.9E-08	1.2E-06
489	UCART2	592847.6	4123319.92	592847.59, 4123319.92	2.98E-03	1.09E-03	1.0E-06	3.1E-06	1.1E-06	6.6E-07	6.0E-07	2.7E-07	4.1E-08	9.8E-07	6.7E-07	1.0E-07	2.0E-07	4.1E-08	2.0E-06
490	UCART2	592887.6	4123319.92	592887.59, 4123319.92	3.11E-03	8.60E-04	1.1E-06	3.3E-06	9.0E-07	5.2E-07	4.7E-07	2.2E-07	4.2E-08	1.0E-06	5.3E-07	8.0E-08	1.6E-07	3.3E-08	1.9E-06
491	UCART2	592927.6	4123319.92	592927.59, 4123319.92	3.50E-03	8.08E-04	1.2E-06	3.7E-06	8.4E-07	4.9E-07	4.4E-07	2.0E-07	4.8E-08	1.1E-06	5.0E-07	7.5E-08	1.5E-07	3.1E-08	1.9E-06
492	UCART2	592967.6	4123319.92	592967.59, 4123319.92	4.08E-03	8.31E-04	1.4E-06	4.3E-06	8.7E-07	5.0E-07	4.6E-07	2.1E-07	5.6E-08	1.3E-06	5.1E-07	7.7E-08	1.5E-07	3.2E-08	2.2E-06
493	UCART2	593007.6	4123319.92	593007.59, 4123319.92	4.95E-03	9.36E-04	1.7E-06	5.2E-06	9.8E-07	5.7E-07	5.1E-07	2.3E-07	6.7E-08	1.6E-06	5.8E-07	8.7E-08	1.7E-07	3.6E-08	2.6E-06
494	UCART2	593047.6	4123319.92	593047.59, 4123319.92	6.29E-03	1.18E-03	2.2E-06	6.6E-06	1.2E-06	7.1E-07	6.5E-07	3.0E-07	8.5E-08	2.1E-06	7.3E-07	1.1E-07	2.1E-07	4.5E-08	3.2E-06
495	UCART2	593087.6	4123319.92	593087.59, 4123319.92	8.55E-03	1.82E-03	3.0E-06	8.9E-06	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.2E-07	2.8E-06	1.1E-06	1.7E-07	3.3E-07	6.9E-08	4.6E-06
496	UCART2	593127.6	4123319.92	593127.59, 4123319.92	1.17E-02	2.23E-03	4.0E-06	1.2E-05	2.3E-06	1.3E-06	1.2E-06	5.6E-07	1.6E-07	3.8E-06	1.4E-06	2.1E-07	4.0E-07	8.5E-08	6.1E-06
497	UCART2	593167.6	4123319.92	593167.59, 4123319.92	1.70E-02	2.36E-03	5.9E-06	1.8E-05	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.3E-07	5.6E-06	1.5E-06	2.2E-07	4.3E-07	9.0E-08	8.0E-06
498	UCART2	593207.6	4123319.92	593207.59, 4123319.92	2.86E-02	2.70E-03	9.9E-06	3.0E-05	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.9E-07	9.4E-06	1.7E-06	2.5E-07	4.9E-07	1.0E-07	1.2E-05
499	UCART2	593247.6	4123319.92	593247.59, 4123319.92	6.42E-02	3.98E-03	2.2E-05	6.7E-05	4.2E-06	2.4E-06	2.2E-06	1.0E-06	8.7E-07	2.1E-05	2.5E-06	3.7E-07	7.2E-07	1.5E-07	2.6E-05
500	UCART2	593287.6	4123319.92	593287.59, 4123319.92	1.56E-01	8.92E-03	5.4E-05	1.6E-04	9.3E-06	5.4E-06	4.9E-06	2.2E-06	2.1E-06	5.1E-05	5.5E-06	8.3E-07	1.6E-06	3.4E-07	6.2E-05
501	UCART2	593327.6	4123319.92	593327.59, 4123319.92	2.86E-01	1.11E-02	9.9E-05	3.0E-04	1.2E-05	6.7E-06	6.1E-06	2.8E-06	3.9E-06	9.4E-05	6.8E-06	1.0E-06	2.0E-06	4.2E-07	1.1E-04
502	UCART2	593367.6	4123319.92	593367.59, 4123319.92	3.02E-01	1.11E-02	1.0E-04	3.2E-04	1.2E-05	6.7E-06	6.1E-06	2.8E-06	4.1E-06	9.9E-05	6.9E-06	1.0E-06	2.0E-06	4.2E-07	1.1E-04
503	UCART2	593407.6	4123319.92	593407.59, 4123319.92	2.50E-01	9.18E-03	8.7E-05	2.6E-04	9.6E-06	5.6E-06	5.0E-06	2.3E-06	3.4E-06	8.2E-05	5.7E-06	8.5E-07	1.7E-06	3.5E-07	9.4E-05
504	UCART2	593447.6	4123319.92	593447.59, 4123319.92	2.37E-01	9.35E-03	8.2E-05	2.5E-04	9.8E-06	5.7E-06	5.1E-06	2.3E-06	3.2E-06	7.8E-05	5.8E-06	8.7E-07	1.7E-06	3.6E-07	9.0E-05
505	UCART2	593487.6	4123319.92	593487.59, 4123319.92	2.18E-01	1.08E-02	7.6E-05	2.3E-04	1.1E-05	6.5E-06	5.9E-06	2.7E-06	3.0E-06	7.2E-05	6.7E-06	1.0E-06	2.0E-06	4.1E-07	8.5E-05
506	UCART2	593527.6	4123319.92	593527.59, 4123319.92	1.85E-01	1.12E-02	6.4E-05	1.9E-04	1.2E-05	6.7E-06	6.1E-06	2.8E-06	2.5E-06	6.1E-05	6.9E-06	1.0E-06	2.0E-06	4.2E-07	7.4E-05
507	UCART2	593567.6	4123319.92	593567.59, 4123319.92	1.59E-01	9.96E-03	5.5E-05	1.7E-04	1.0E-05	6.0E-06	5.5E-06	2.5E-06	2.2E-06	5.2E-05	6.1E-06	9.2E-07	1.8E-06	3.8E-07	6.4E-05
508	UCART2	593607.6	4123319.92	593607.59, 4123319.92	1.23E-01	8.21E-03	4.3E-05	1.3E-04	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.7E-06	4.0E-05	5.1E-06	7.6E-07	1.5E-06	3.1E-07	5.0E-05
509	UCART2	593647.6	4123319.92	593647.59, 4123319.92	9.23E-02	6.36E-03	3.2E-05	9.6E-05	6.6E-06	3.8E-06	3.5E-06	1.6E-06	1.3E-06	3.0E-05	3.9E-06	5.9E-07	1.2E-06	2.4E-07	3.7E-05
510	UCART2	593687.6	4123319.92	593687.59, 4123319.92	8.29E-02	5.62E-03	2.9E-05	8.7E-05	5.9E-06	3.4E-06	3.1E-06	1.4E-06	1.1E-06	2.7E-05	3.5E-06	5.2E-07	1.0E-06	2.1E-07	3.4E-05
511	UCART2	593727.6	4123319.92	593727.59, 4123319.92	5.38E-02	4.05E-03	1.9E-05	5.6E-05	4.2E-06	2.5E-06	2.2E-06	1.0E-06	7.3E-07	1.8E-05	2.5E-06	3.8E-07	7.3E-07	1.5E-07	2.2E-05
512	UCART2	593767.6	4123319.92	593767.59, 4123319.92	3.64E-02	2.96E-03	1.3E-05	3.8E-05	3.1E-06	1.8E-06	1.6E-06	7.4E-07	5.0E-07	1.2E-05	1.8E-06	2.7E-07	5.4E-07	1.1E-07	1.5E-05
513	UCART2	593807.6	4123319.92	593807.59, 4123319.92	2.51E-02	2.22E-03	8.7E-06	2.6E-05	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.4E-07	8.3E-06	1.4E-06	2.1E-07	4.0E-07	8.4E-08	1.1E-05
514	UCART2	593847.6	4123319.92	593847.59, 4123319.92	1.75E-02	1.71E-03	6.1E-06	1.8E-05	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.4E-07	5.8E-06	1.1E-06	1.6E-07	3.1E-07	6.5E-08	7.6E-06
515	UCART2	593887.6	4123319.92	593887.59, 4123319.92	1.26E-02	1.35E-03	4.3E-06	1.3E-05	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.7E-07	4.1E-06	8.3E-07	1.3E-07	2.4E-07	5.1E-08	5.5E-06
516	UCART2	593927.6	4123319.92	593927.59, 4123319.92	9.29E-03	1.09E-03	3.2E-06	9.7E-06	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-07	3.1E-06	6.7E-07	1.0E-07	2.0E-07	4.1E-08	4.2E-06
517	UCART2	593967.6	4123319.92	593967.59, 4123319.92	7.10E-03	8.96E-04	2.5E-06	7.4E-06	9.4E-07	5.4E-07	4.9E-07	2.2E-07	9.7E-08	2.3E-06	5.5E-07	8.3E-08	1.6E-07	3.4E-08	3.3E-06
518	UCART2	594007.6	4123319.92	594007.59, 4123319.92	5.59E-03	7.51E-04	1.9E-06	5.8E-06	7.9E-07	4.5E-07	4.1E-07	1.9E-07	7.6E-08	1.8E-06	4.6E-07	7.0E-08	1.4E-07	2.9E-08	2.6E-06
519	UCART2	592567.6	4123359.92	592567.59, 4123359.92	1.24E-03	2.02E-04	4.3E-07	1.3E-06	2.1E-07	1.2E-07	1.1E-07	5.1E-08	1.7E-08	4.1E-07	1.2E-07	1.9E-08	3.7E-08	7.7E-09	6.1E-07
520	UCART2	592607.6	4123359.92	592607.59, 4123359.92	1.35E-03	2.27E-04	4.7E-07	1.4E-06	2.4E-07	1.4E-07	1.2E-07	5.7E-08	1.8E-08	4.4E-07	1.4E-07	2.1E-08	4.1E-08	8.6E-09	6.7E-07
521	UCART2	592647.6	4123359.92	592647.59, 4123359.92	1.49E-03	2.61E-04	5.2E-07	1.6E-06	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.0E-08	4.9E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	7.5E-07
522	UCART2	592687.6	4123359.92	592687.59, 4123359.92	1.67E-03	3.13E-04	5.8E-07	1.7E-06	3.3E-07	1.9E-07	1.7E-07	7.8E-08	2.3E-08	5.5E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	8.6E-07
523	UCART2	592727.6	4123359.92	592727.59, 4123359.92	1.92E-03	4.12E-04	6.6E-07	2.0E-06	4.3E-07	2.5E-07	2.3E-07	1.0E-07	2.6E-08	6.3E-07	2.5E-07	3.8E-08	7.5E-08	1.6E-08	1.0E-06
524	UCART2	592767.6	4123359.92	592767.59, 4123359.92	2.31E-03	6.51E-04	8.0E-07	2.4E-06	6.8E-07	3.9E-07	3.6E-07	1.6E-07	3.1E-08	7.6E-07	4.0E-07	6.0E-08	1.2E-07	2.5E-08	1.4E-06
525	UCART2	592807.6	4123359.92	592807.59, 4123359.92	2.87E-03	1.01E-03	9.9E-07	3.0E-06	1.1E-06	6.1E-07	5.5E-07	2.5E-07	3.9E-08	9.4E-07	6.2E-07	9.3E-08	1.8E-07	3.8E-08	1.9E-06
526	UCART2	592847.6	4123359.92	592847.59, 4123359.92	3.65E-03	1.60E-03	1.3E-06	3.8E-06	1.7E-06	9.7E-07	8.8E-07	4.0E-07	5.0E-08	1.2E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	2.7E-06
527	UCART2	592887.6	4123359.92	592887.59, 4123359.92	3.61E-03	1.13E-03	1.2E-06	3.8E-06	1.2E-06	6.9E-07	6.2E-07	2.8E-07	4.9E-08	1.2E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	2.3E-06
528	UCART2	592927.6	4123359.92	592927.59, 4123359.92	4.02E-03	9.99E-04	1.4E-06	4.2E-06	1.0E-06	6.0E-07	5.5E-07	2.5E-07	5.5E-08	1.3E-06	6.2E-07	9.3E-08	1.8E-07	3.8E-08	2.3E-06
529	UCART2	592967.6	4123359.92	592967.59, 4123359.92	4.74E-03	1.02E-03	1.6E-06	5.0E-06	1.1E-06	6.2E-07	5.6E-07	2.6E-07	6.5E-08	1.6E-06	6.3E-07	9.5E-08	1.8E-07	3.9E-08	2.6E-06
530	UCART2	593007.6	4123359.92	593007.59, 4123359.92	5.89E-03	1.18E-03	2.0E-06	6.2E-06	1.2E-06	7.1E-07	6.5E-07	3.0E-07	8.0E-08	1.9E-06	7.3E-07	1.1E-07	2.1E-07	4.5E-08	3.1E-06

OPERATIONAL RISK (UNMITIGATED)

531	UCART2	593047.6	4123359.92	593047.59, 4123359.92	7.68E-03	1.51E-03	2.7E-06	8.0E-06	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.0E-07	2.5E-06	9.3E-07	1.4E-07	2.7E-07	5.8E-08	4.0E-06
532	UCART2	593087.6	4123359.92	593087.59, 4123359.92	1.05E-02	1.97E-03	3.6E-06	1.1E-05	2.1E-06	1.2E-06	1.1E-06	4.9E-07	1.4E-07	3.5E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	5.4E-06
533	UCART2	593127.6	4123359.92	593127.59, 4123359.92	1.53E-02	2.68E-03	5.3E-06	1.6E-05	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.1E-07	5.0E-06	1.6E-06	2.5E-07	4.8E-07	1.0E-07	7.7E-06
534	UCART1	593167.6	4123359.92	593167.59, 4123359.92	2.32E-02	2.56E-03	8.0E-06	2.4E-05	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.2E-07	7.6E-06	1.6E-06	2.4E-07	4.6E-07	9.7E-08	1.0E-05
535	UCART1	593207.6	4123359.92	593207.59, 4123359.92	4.01E-02	3.20E-03	1.4E-05	4.2E-05	3.3E-06	1.9E-06	1.8E-06	8.0E-07	5.5E-07	1.3E-05	2.0E-06	3.0E-07	5.8E-07	1.2E-07	1.7E-05
536	UCART1	593247.6	4123359.92	593247.59, 4123359.92	8.09E-02	4.92E-03	2.8E-05	8.5E-05	5.1E-06	3.0E-06	2.7E-06	1.2E-06	1.1E-06	2.7E-05	3.0E-06	4.6E-07	8.9E-07	1.9E-07	3.2E-05
537	UCART1	593287.6	4123359.92	593287.59, 4123359.92	1.65E-01	1.06E-02	5.7E-05	1.7E-04	1.1E-05	6.4E-06	5.8E-06	2.7E-06	2.2E-06	5.4E-05	6.5E-06	9.8E-07	1.9E-06	4.0E-07	6.6E-05
538	UCART1	593327.6	4123359.92	593327.59, 4123359.92	2.61E-01	1.33E-02	9.0E-05	2.7E-04	1.4E-05	8.0E-06	7.3E-06	3.3E-06	3.6E-06	8.6E-05	8.2E-06	1.2E-06	2.4E-06	5.0E-07	1.0E-04
539	UCART1	593367.6	4123359.92	593367.59, 4123359.92	3.15E-01	1.36E-02	1.1E-04	3.3E-04	1.4E-05	8.2E-06	7.4E-06	3.4E-06	4.3E-06	1.0E-04	8.4E-06	1.3E-06	2.5E-06	5.2E-07	1.2E-04
540	UCART1	593407.6	4123359.92	593407.59, 4123359.92	2.11E-01	1.36E-02	7.3E-05	2.2E-04	1.4E-05	8.2E-06	7.4E-06	3.4E-06	2.9E-06	6.9E-05	8.4E-06	1.3E-06	2.5E-06	5.2E-07	8.5E-05
541	UCART1	593447.6	4123359.92	593447.59, 4123359.92	1.96E-01	1.79E-02	6.8E-05	2.1E-04	1.9E-05	1.1E-05	9.8E-06	4.5E-06	2.7E-06	6.5E-05	1.1E-05	1.7E-06	3.2E-06	6.8E-07	8.4E-05
542	UCART1	593487.6	4123359.92	593487.59, 4123359.92	1.94E-01	2.03E-02	6.7E-05	2.0E-04	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.6E-06	6.4E-05	1.3E-05	1.9E-06	3.7E-06	7.7E-07	8.5E-05
543	UCART1	593527.6	4123359.92	593527.59, 4123359.92	1.68E-01	1.67E-02	5.8E-05	1.8E-04	1.7E-05	1.0E-05	9.2E-06	4.2E-06	2.3E-06	5.5E-05	1.0E-05	1.5E-06	3.0E-06	6.4E-07	7.3E-05
544	UCART1	593567.6	4123359.92	593567.59, 4123359.92	1.39E-01	1.19E-02	4.8E-05	1.4E-04	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.9E-06	4.6E-05	7.3E-06	1.1E-06	2.2E-06	4.5E-07	5.8E-05
545	UCART1	593607.6	4123359.92	593607.59, 4123359.92	1.21E-01	8.25E-03	4.2E-05	1.3E-04	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.6E-06	4.0E-05	5.1E-06	7.6E-07	1.5E-06	3.1E-07	4.9E-05
546	UCART1	593647.6	4123359.92	593647.59, 4123359.92	1.06E-01	6.01E-03	3.7E-05	1.1E-04	6.3E-06	3.6E-06	3.3E-06	1.5E-06	1.4E-06	3.5E-05	3.7E-06	5.6E-07	1.1E-06	2.3E-07	4.2E-05
547	UCART1	593687.6	4123359.92	593687.59, 4123359.92	8.14E-02	4.38E-03	2.8E-05	8.5E-05	4.6E-06	2.7E-06	2.4E-06	1.1E-06	1.1E-06	2.7E-05	2.7E-06	4.1E-07	7.9E-07	1.7E-07	3.2E-05
548	UCART1	593727.6	4123359.92	593727.59, 4123359.92	6.15E-02	3.66E-03	2.1E-05	6.4E-05	3.8E-06	2.2E-06	2.0E-06	9.2E-07	8.4E-07	2.0E-05	2.3E-06	3.4E-07	6.6E-07	1.4E-07	2.4E-05
549	UCART1	593767.6	4123359.92	593767.59, 4123359.92	3.62E-02	2.41E-03	1.3E-05	3.8E-05	2.5E-06	1.5E-06	1.3E-06	6.0E-07	4.9E-07	1.2E-05	1.5E-06	2.2E-07	4.4E-07	9.2E-08	1.5E-05
550	UCART1	593807.6	4123359.92	593807.59, 4123359.92	2.17E-02	1.75E-03	7.5E-06	2.3E-05	1.8E-06	1.1E-06	9.6E-07	4.4E-07	3.0E-07	7.1E-06	1.1E-06	1.6E-07	3.2E-07	6.7E-08	9.1E-06
551	UCART1	593847.6	4123359.92	593847.59, 4123359.92	1.41E-02	1.35E-03	4.9E-06	1.5E-05	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.9E-07	4.6E-06	8.3E-07	1.3E-07	2.4E-07	5.1E-08	6.1E-06
552	UCART1	593887.6	4123359.92	593887.59, 4123359.92	9.85E-03	1.08E-03	3.4E-06	1.0E-05	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.3E-07	3.2E-06	6.6E-07	1.0E-07	2.0E-07	4.1E-08	4.4E-06
553	UCART1	593927.6	4123359.92	593927.59, 4123359.92	7.30E-03	8.80E-04	2.5E-06	7.6E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.9E-08	2.4E-06	5.4E-07	8.2E-08	1.6E-07	3.3E-08	3.3E-06
554	UCART1	593967.6	4123359.92	593967.59, 4123359.92	5.64E-03	7.33E-04	2.0E-06	5.9E-06	7.7E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-08	1.9E-06	4.5E-07	6.8E-08	1.3E-07	2.8E-08	2.6E-06
555	UCART1	594007.6	4123359.92	594007.59, 4123359.92	4.52E-03	6.19E-04	1.6E-06	4.7E-06	6.5E-07	3.7E-07	3.4E-07	1.5E-07	6.1E-08	1.5E-06	3.8E-07	5.7E-08	1.1E-07	2.4E-08	2.1E-06
556	UCART1	592567.6	4123399.92	592567.59, 4123399.92	1.31E-03	2.19E-04	4.5E-07	1.4E-06	2.3E-07	1.3E-07	1.2E-07	5.5E-08	1.8E-08	4.3E-07	1.4E-07	2.0E-08	4.0E-08	8.3E-09	6.5E-07
557	UCART1	592607.6	4123399.92	592607.59, 4123399.92	1.44E-03	2.50E-04	5.0E-07	1.5E-06	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.0E-08	4.7E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	7.3E-07
558	UCART1	592647.6	4123399.92	592647.59, 4123399.92	1.61E-03	2.92E-04	5.6E-07	1.7E-06	3.1E-07	1.8E-07	1.6E-07	7.3E-08	2.2E-08	5.3E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	8.2E-07
559	UCART1	592687.6	4123399.92	592687.59, 4123399.92	1.81E-03	3.56E-04	6.3E-07	1.9E-06	3.7E-07	2.2E-07	2.0E-07	8.9E-08	2.5E-08	5.9E-07	2.2E-07	3.3E-08	6.4E-08	1.4E-08	9.5E-07
560	UCART1	592727.6	4123399.92	592727.59, 4123399.92	2.08E-03	4.58E-04	7.2E-07	2.2E-06	4.8E-07	2.8E-07	2.5E-07	1.1E-07	2.8E-08	6.8E-07	2.8E-07	4.2E-08	8.3E-08	1.7E-08	1.1E-06
561	UCART1	592767.6	4123399.92	592767.59, 4123399.92	2.45E-03	6.31E-04	8.5E-07	2.6E-06	6.6E-07	3.8E-07	3.5E-07	1.6E-07	3.3E-08	8.0E-07	3.9E-07	5.9E-08	1.1E-07	2.4E-08	1.4E-06
562	UCART1	592807.6	4123399.92	592807.59, 4123399.92	3.04E-03	9.88E-04	1.1E-06	3.2E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	4.1E-08	1.0E-06	6.1E-07	9.2E-08	1.8E-07	3.8E-08	2.0E-06
563	UCART1	592847.6	4123399.92	592847.59, 4123399.92	3.40E-03	9.61E-04	1.2E-06	3.6E-06	1.0E-06	5.8E-07	5.3E-07	2.4E-07	4.6E-08	1.1E-06	5.9E-07	8.9E-08	1.7E-07	3.7E-08	2.1E-06
564	UCART1	592887.6	4123399.92	592887.59, 4123399.92	4.30E-03	1.52E-03	1.5E-06	4.5E-06	1.6E-06	9.2E-07	8.3E-07	3.8E-07	5.8E-08	1.4E-06	9.4E-07	1.4E-07	2.7E-07	5.8E-08	2.9E-06
565	UCART1	592927.6	4123399.92	592927.59, 4123399.92	4.74E-03	1.27E-03	1.6E-06	5.0E-06	1.3E-06	7.7E-07	7.0E-07	3.2E-07	6.4E-08	1.6E-06	7.8E-07	1.2E-07	2.3E-07	4.8E-08	2.8E-06
566	UCART1	592967.6	4123399.92	592967.59, 4123399.92	5.74E-03	1.35E-03	2.0E-06	6.0E-06	1.4E-06	8.2E-07	7.4E-07	3.4E-07	7.8E-08	1.9E-06	8.3E-07	1.3E-07	2.4E-07	5.1E-08	3.2E-06
567	UCART1	593007.6	4123399.92	593007.59, 4123399.92	7.29E-03	1.59E-03	2.5E-06	7.6E-06	1.7E-06	9.6E-07	8.7E-07	4.0E-07	9.9E-08	2.4E-06	9.8E-07	1.5E-07	2.9E-07	6.0E-08	4.0E-06
568	UCART1	593047.6	4123399.92	593047.59, 4123399.92	9.68E-03	1.99E-03	3.4E-06	1.0E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.3E-07	3.2E-06	1.2E-06	1.8E-07	3.6E-07	7.6E-08	5.2E-06
569	UCART1	593087.6	4123399.92	593087.59, 4123399.92	1.32E-02	2.23E-03	4.6E-06	1.4E-05	2.3E-06	1.3E-06	1.2E-06	5.6E-07	1.8E-07	4.3E-06	1.4E-06	2.1E-07	4.0E-07	8.5E-08	6.6E-06
570	UCART1	593127.6	4123399.92	593127.59, 4123399.92	1.90E-02	2.63E-03	6.6E-06	2.0E-05	2.8E-06	1.6E-06	1.4E-06	6.6E-07	2.6E-07	6.2E-06	1.6E-06	2.4E-07	4.8E-07	1.0E-07	8.9E-06
571	UCART1	593167.6	4123399.92	593167.59, 4123399.92	2.87E-02	2.79E-03	9.9E-06	3.0E-05	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.9E-07	9.4E-06	1.7E-06	2.6E-07	5.1E-07	1.1E-07	1.2E-05
572	UCART1	593207.6	4123399.92	593207.59, 4123399.92	4.68E-02	3.72E-03	1.6E-05	4.9E-05	3.9E-06	2.3E-06	2.0E-06	9.3E-07	6.4E-07	1.5E-05	2.3E-06	3.5E-07	6.7E-07	1.4E-07	1.9E-05
573	UCART1	593247.6	4123399.92	593247.59, 4123399.92	8.74E-02	5.91E-03	3.0E-05	9.1E-05	6.2E-06	3.6E-06	3.2E-06	1.5E-06	1.2E-06	2.9E-05	3.6E-06	5.5E-07	1.1E-06	2.2E-07	3.5E-05
574	UCART1	593287.6	4123399.92	593287.59, 4123399.92	1.66E-01	1.27E-02	5.7E-05	1.7E-04	1.3E-05	7.7E-06	7.0E-06	3.2E-06	2.3E-06	5.5E-05	7.8E-06	1.2E-06	2.3E-06	4.8E-07	6.9E-05
575	UCART1	593327.6	4123399.92	593327.59, 4123399.92	2.81E-01	1.76E-02	9.7E-05	2.9E-04	1.8E-05	1.1E-05	9.7E-06	4.4E-06	3.8E-06	9.2E-05	1.1E-05	1.6E-06	3.2E-06	6.7E-07	1.1E-04
576	UCART1	593367.6	4123399.92	593367.59, 4123399.92	2.33E-01	2.61E-02	8.1E-05	2.4E-04	2.7E-05	1.6E-05	1.4E-05	6.5E-06	3.2E-06	7.7E-05	1.6E-05	2.4E-06	4.7E-06	9.9E-07	1.0E-04
577	UCART1	593407.6	4123399.92	593407.59, 4123399.92	2.00E-01	3.81E-02	6.9E-05	2.1E-04	4.0E-05	2.3E-05	2.1E-05	9.5E-06	2.7E-06	6.6E-05	2.3E-05	3.5E-06	6.9E-06	1.4E-06	1.0E-04
578	UCART1	593447.6	4123399.92	593447.59, 4123399.92	1.75E-01	5.19E-02	6.1E-05	1.8E-04	5.4E-05	3.1E-05	2.8E-05	1.3E-05	2.4E-06	5.8E-05	3.2E-05	4.8E-06	9.4E-06	2.0E-06	1.1E-04
579	UCART1	593487.6	4123399.92	593487.59, 4123399.92	1.69E-01	3.32E-02	5.8E-05	1.8E-04	3.5E-05	2.0E-05	1.8E-05	8.3E-06	2.3E-06	5.5E-05	2.0E-05	3.1E-06	6.0E-06	1.3E-06	8.9E-05
580	UCART1	593527.6	4123399.92	593527.59, 4123399.92	1.57E-01	1.81E-02	5.4E-05	1.6E-04	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.1E-06	5.2E-05	1.1E-05	1.7E-06	3.3E-06	6.9E-07	7.1E-05
581	UCART1	593567.6	4123399.92	593567.59, 4123399.92	1.30E-01	1.03E-02	4.5E-05	1.4E-04	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.8E-06	4.3E-05	6.4E-06	9.6E-07	1.9E-06	3.9E-07	5.4E-05
582	UCART1	593607.6	4123399.92	593607.59, 4123399.92	1.16E-01	6.44E-03	4.0E-05	1.2E-04	6.7E-06	3.9E-06	3.5E-06	1.6E-06	1.6E-06	3.8E-05	4.0E-06	6.0E-07	1.2E-06	2.4E-07	4.6E-05
583	UCART1	593647.6	4123399.92	593647.59, 4123399.92	1.19E-01	4.45E-03	4.1E-05	1.2E-04	4.7E-06	2.7E-06	2.4E-06	1.1E-06	1.6E-06	3.9E-05	2.7E-06	4.1E-07	8.1E-07	1.7E-07	4.5E-05
584	UCART1	593687.6	4123399.92	593687.59, 4123399.92	9.41E-02	3.34E-03	3.3E-05	9.8E-05	3.5E-06	2.0E-06	1.8E-06	8.4E-07	1.3E-06	3.1E-05	2.1E-06	3.1E-07	6.1E-07	1.3E-07	3.5E-05

OPERATIONAL RISK (UNMITIGATED)

585	UCART1	593727.6	4123399.92	593727.59, 4123399.92	6.39E-02	2.47E-03	2.2E-05	6.7E-05	2.6E-06	1.5E-06	1.4E-06	6.2E-07	8.7E-07	2.1E-05	1.5E-06	2.3E-07	4.5E-07	9.4E-08	2.4E-05
586	UCART1	593767.6	4123399.92	593767.59, 4123399.92	2.71E-02	1.70E-03	9.4E-06	2.8E-05	1.8E-06	1.0E-06	9.3E-07	4.3E-07	3.7E-07	8.9E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	1.1E-05
587	UCART1	593807.6	4123399.92	593807.59, 4123399.92	1.52E-02	1.30E-03	5.3E-06	1.6E-05	1.4E-06	7.9E-07	7.1E-07	3.3E-07	2.1E-07	5.0E-06	8.0E-07	1.2E-07	2.4E-07	5.0E-08	6.4E-06
588	UCART1	593847.6	4123399.92	593847.59, 4123399.92	1.01E-02	1.03E-03	3.5E-06	1.1E-05	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-07	3.3E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	4.4E-06
589	UCART1	593887.6	4123399.92	593887.59, 4123399.92	7.31E-03	8.42E-04	2.5E-06	7.6E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.9E-08	2.4E-06	5.2E-07	7.8E-08	1.5E-07	3.2E-08	3.3E-06
590	UCART1	593927.6	4123399.92	593927.59, 4123399.92	5.61E-03	7.00E-04	1.9E-06	5.9E-06	7.3E-07	4.2E-07	3.8E-07	1.8E-07	7.6E-08	1.8E-06	4.3E-07	6.5E-08	1.3E-07	2.7E-08	2.6E-06
591	UCART1	593967.6	4123399.92	593967.59, 4123399.92	4.48E-03	5.93E-04	1.6E-06	4.7E-06	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.1E-08	1.5E-06	3.7E-07	5.5E-08	1.1E-07	2.3E-08	2.1E-06
592	UCART1	594007.6	4123399.92	594007.59, 4123399.92	3.68E-03	5.10E-04	1.3E-06	3.8E-06	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.0E-08	1.2E-06	3.1E-07	4.7E-08	9.2E-08	1.9E-08	1.7E-06
593	UCART1	592567.6	4123439.92	592567.59, 4123439.92	1.40E-03	2.39E-04	4.9E-07	1.5E-06	2.5E-07	1.4E-07	1.3E-07	6.0E-08	1.9E-08	4.6E-07	1.5E-07	2.2E-08	4.3E-08	9.1E-09	7.0E-07
594	UCART1	592607.6	4123439.92	592607.59, 4123439.92	1.55E-03	2.74E-04	5.4E-07	1.6E-06	2.9E-07	1.7E-07	1.5E-07	6.9E-08	2.1E-08	5.1E-07	1.7E-07	2.5E-08	5.0E-08	1.0E-08	7.8E-07
595	UCART1	592647.6	4123439.92	592647.59, 4123439.92	1.74E-03	3.21E-04	6.0E-07	1.8E-06	3.4E-07	1.9E-07	1.8E-07	8.0E-08	2.4E-08	5.7E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	8.9E-07
596	UCART1	592687.6	4123439.92	592687.59, 4123439.92	1.96E-03	3.86E-04	6.8E-07	2.1E-06	4.0E-07	2.3E-07	2.1E-07	9.7E-08	2.7E-08	6.5E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	1.0E-06
597	UCART1	592727.6	4123439.92	592727.59, 4123439.92	2.26E-03	4.77E-04	7.8E-07	2.4E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	3.1E-08	7.4E-07	2.9E-07	4.4E-08	8.6E-08	1.8E-08	1.2E-06
598	UCART1	592767.6	4123439.92	592767.59, 4123439.92	2.65E-03	6.13E-04	9.2E-07	2.8E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	3.6E-08	8.7E-07	3.8E-07	5.7E-08	1.1E-07	2.3E-08	1.5E-06
599	UCART1	592807.6	4123439.92	592807.59, 4123439.92	3.19E-03	8.44E-04	1.1E-06	3.3E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	4.3E-08	1.0E-06	5.2E-07	7.8E-08	1.5E-07	3.2E-08	1.9E-06
600	UCART1	592847.6	4123439.92	592847.59, 4123439.92	4.14E-03	1.41E-03	1.4E-06	4.3E-06	1.5E-06	8.5E-07	7.7E-07	3.5E-07	5.6E-08	1.4E-06	8.7E-07	1.3E-07	2.6E-07	5.4E-08	2.7E-06
601	UCART1	592887.6	4123439.92	592887.59, 4123439.92	4.87E-03	1.53E-03	1.7E-06	5.1E-06	1.6E-06	9.3E-07	8.4E-07	3.8E-07	6.6E-08	1.6E-06	9.5E-07	1.4E-07	2.8E-07	5.8E-08	3.1E-06
602	UCART1	592927.6	4123439.92	592927.59, 4123439.92	6.10E-03	2.02E-03	2.1E-06	6.4E-06	2.1E-06	1.2E-06	1.1E-06	5.0E-07	8.3E-08	2.0E-06	1.2E-06	1.9E-07	3.6E-07	7.7E-08	4.0E-06
603	UCART1	592967.6	4123439.92	592967.59, 4123439.92	7.48E-03	2.29E-03	2.6E-06	7.8E-06	2.4E-06	1.4E-06	1.3E-06	5.7E-07	1.0E-07	2.5E-06	1.4E-06	2.1E-07	4.1E-07	8.7E-08	4.7E-06
604	UCART1	593007.6	4123439.92	593007.59, 4123439.92	9.33E-03	2.42E-03	3.2E-06	9.7E-06	2.5E-06	1.5E-06	1.3E-06	6.1E-07	1.3E-07	3.1E-06	1.5E-06	2.2E-07	4.4E-07	9.2E-08	5.4E-06
605	UCART1	593047.6	4123439.92	593047.59, 4123439.92	1.24E-02	2.97E-03	4.3E-06	1.3E-05	3.1E-06	1.8E-06	1.6E-06	7.4E-07	1.7E-07	4.1E-06	1.8E-06	2.8E-07	5.4E-07	1.1E-07	7.0E-06
606	UCART1	593087.6	4123439.92	593087.59, 4123439.92	1.63E-02	3.09E-03	5.6E-06	1.7E-05	3.2E-06	1.9E-06	1.7E-06	7.7E-07	2.2E-07	5.3E-06	1.9E-06	2.9E-07	5.6E-07	1.2E-07	8.4E-06
607	UCART1	593127.6	4123439.92	593127.59, 4123439.92	2.16E-02	2.48E-03	7.5E-06	2.3E-05	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-07	7.1E-06	1.5E-06	2.3E-07	4.5E-07	9.4E-08	9.7E-06
608	UCART1	593167.6	4123439.92	593167.59, 4123439.92	3.16E-02	3.00E-03	1.1E-05	3.3E-05	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.3E-07	1.0E-05	1.8E-06	2.8E-07	5.4E-07	1.1E-07	1.4E-05
609	UCART1	593207.6	4123439.92	593207.59, 4123439.92	4.88E-02	4.26E-03	1.7E-05	5.1E-05	4.4E-06	2.6E-06	2.3E-06	1.1E-06	6.6E-07	1.6E-05	2.6E-06	3.9E-07	7.7E-07	1.6E-07	2.1E-05
610	UCART1	593247.6	4123439.92	593247.59, 4123439.92	8.60E-02	7.00E-03	3.0E-05	9.0E-05	7.3E-06	4.2E-06	3.8E-06	1.8E-06	1.2E-06	2.8E-05	4.3E-06	6.5E-07	1.3E-06	2.7E-07	3.6E-05
611	UCART1	593287.6	4123439.92	593287.59, 4123439.92	1.90E-01	1.57E-02	6.6E-05	2.0E-04	1.6E-05	9.5E-06	8.6E-06	3.9E-06	2.6E-06	6.2E-05	9.7E-06	1.5E-06	2.8E-06	6.0E-07	8.0E-05
612	UCART1	593327.6	4123439.92	593327.59, 4123439.92	2.57E-01	2.99E-02	8.9E-05	2.7E-04	3.1E-05	1.8E-05	1.6E-05	7.5E-06	3.5E-06	8.4E-05	1.8E-05	2.8E-06	5.4E-06	1.1E-06	1.2E-04
613	UCART1	593367.6	4123439.92	593367.59, 4123439.92	2.12E-01	9.50E-02	7.3E-05	2.2E-04	9.9E-05	5.7E-05	5.2E-05	2.4E-05	2.9E-06	7.0E-05	5.9E-05	8.8E-06	1.7E-05	3.6E-06	1.6E-04
614	UCART1	593407.6	4123439.92	593407.59, 4123439.92	1.81E-01	2.79E-01	6.3E-05	1.9E-04	2.9E-04	1.7E-04	1.5E-04	7.0E-05	2.5E-06	5.9E-05	1.7E-04	2.6E-05	5.0E-05	1.1E-05	3.2E-04
615	UCART1	593447.6	4123439.92	593447.59, 4123439.92	1.52E-01	7.09E-02	5.3E-05	1.6E-04	7.4E-05	4.3E-05	3.9E-05	1.8E-05	2.1E-06	5.0E-05	4.4E-05	6.6E-06	1.3E-05	2.7E-06	1.2E-04
616	UCART1	593487.6	4123439.92	593487.59, 4123439.92	1.37E-01	2.38E-02	4.7E-05	1.4E-04	2.5E-05	1.4E-05	1.3E-05	6.0E-06	1.9E-06	4.5E-05	1.5E-05	2.2E-06	4.3E-06	9.0E-07	6.9E-05
617	UCART1	593527.6	4123439.92	593527.59, 4123439.92	1.23E-01	1.10E-02	4.2E-05	1.3E-04	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.7E-06	4.0E-05	6.8E-06	1.0E-06	2.0E-06	4.2E-07	5.2E-05
618	UCART1	593567.6	4123439.92	593567.59, 4123439.92	1.12E-01	6.26E-03	3.9E-05	1.2E-04	6.5E-06	3.8E-06	3.4E-06	1.6E-06	1.5E-06	3.7E-05	3.9E-06	5.8E-07	1.1E-06	2.4E-07	4.4E-05
619	UCART1	593607.6	4123439.92	593607.59, 4123439.92	9.35E-02	4.02E-03	3.2E-05	9.8E-05	4.2E-06	2.4E-06	2.2E-06	1.0E-06	1.3E-06	3.1E-05	2.5E-06	3.7E-07	7.3E-07	1.5E-07	3.6E-05
620	UCART1	593647.6	4123439.92	593647.59, 4123439.92	8.12E-02	2.84E-03	2.8E-05	8.5E-05	3.0E-06	1.7E-06	1.6E-06	7.1E-07	1.1E-06	2.7E-05	1.7E-06	2.6E-07	5.1E-07	1.1E-07	3.0E-05
621	UCART1	593687.6	4123439.92	593687.59, 4123439.92	5.33E-02	2.11E-03	1.8E-05	5.6E-05	2.2E-06	1.3E-06	1.2E-06	5.3E-07	7.2E-07	1.7E-05	1.3E-06	2.0E-07	3.8E-07	8.0E-08	2.0E-05
622	UCART1	593727.6	4123439.92	593727.59, 4123439.92	2.69E-02	1.57E-03	9.3E-06	2.8E-05	1.6E-06	9.5E-07	8.6E-07	3.9E-07	3.7E-07	8.8E-06	9.7E-07	1.5E-07	2.8E-07	6.0E-08	1.1E-05
623	UCART1	593767.6	4123439.92	593767.59, 4123439.92	1.48E-02	1.22E-03	5.1E-06	1.5E-05	1.3E-06	7.4E-07	6.7E-07	3.0E-07	2.0E-07	4.9E-06	7.5E-07	1.1E-07	2.2E-07	4.6E-08	6.2E-06
624	UCART1	593807.6	4123439.92	593807.59, 4123439.92	9.89E-03	9.74E-04	3.4E-06	1.0E-05	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-07	3.2E-06	6.0E-07	9.0E-08	1.8E-07	3.7E-08	4.3E-06
625	UCART1	593847.6	4123439.92	593847.59, 4123439.92	7.24E-03	8.02E-04	2.5E-06	7.6E-06	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.9E-08	2.4E-06	4.9E-07	7.4E-08	1.5E-07	3.1E-08	3.2E-06
626	UCART1	593887.6	4123439.92	593887.59, 4123439.92	5.60E-03	6.74E-04	1.9E-06	5.9E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.6E-08	1.8E-06	4.2E-07	6.3E-08	1.2E-07	2.6E-08	2.5E-06
627	UCART1	593927.6	4123439.92	593927.59, 4123439.92	4.50E-03	5.76E-04	1.6E-06	4.7E-06	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.1E-08	1.5E-06	3.5E-07	5.3E-08	1.0E-07	2.2E-08	2.1E-06
628	UCART1	593967.6	4123439.92	593967.59, 4123439.92	3.71E-03	4.99E-04	1.3E-06	3.9E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.1E-08	1.2E-06	3.1E-07	4.6E-08	9.0E-08	1.9E-08	1.7E-06
629	UCART1	594007.6	4123439.92	594007.59, 4123439.92	3.13E-03	4.36E-04	1.1E-06	3.3E-06	4.6E-07	2.6E-07	2.4E-07	1.1E-07	4.3E-08	1.0E-06	2.7E-07	4.0E-08	7.9E-08	1.7E-08	1.5E-06
630	UCART1	592567.6	4123479.92	592567.59, 4123479.92	1.51E-03	2.59E-04	5.2E-07	1.6E-06	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.1E-08	5.0E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	7.6E-07
631	UCART1	592607.6	4123479.92	592607.59, 4123479.92	1.68E-03	2.97E-04	5.8E-07	1.8E-06	3.1E-07	1.8E-07	1.6E-07	7.4E-08	2.3E-08	5.5E-07	1.8E-07	2.8E-08	5.4E-08	1.1E-08	8.5E-07
632	UCART1	592647.6	4123479.92	592647.59, 4123479.92	1.89E-03	3.46E-04	6.6E-07	2.0E-06	3.6E-07	2.1E-07	1.9E-07	8.7E-08	2.6E-08	6.2E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	9.7E-07
633	UCART1	592687.6	4123479.92	592687.59, 4123479.92	2.16E-03	4.10E-04	7.5E-07	2.3E-06	4.3E-07	2.5E-07	2.2E-07	1.0E-07	2.9E-08	7.1E-07	2.5E-07	3.8E-08	7.4E-08	1.6E-08	1.1E-06
634	UCART1	592727.6	4123479.92	592727.59, 4123479.92	2.50E-03	4.95E-04	8.7E-07	2.6E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	3.4E-08	8.2E-07	3.1E-07	4.6E-08	9.0E-08	1.9E-08	1.3E-06
635	UCART1	592767.6	4123479.92	592767.59, 4123479.92	2.94E-03	6.15E-04	1.0E-06	3.1E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	4.0E-08	9.6E-07	3.8E-07	5.7E-08	1.1E-07	2.3E-08	1.6E-06
636	UCART1	592807.6	4123479.92	592807.59, 4123479.92	3.53E-03	7.99E-04	1.2E-06	3.7E-06	8.4E-07	4.8E-07	4.4E-07	2.0E-07	4.8E-08	1.2E-06	4.9E-07	7.4E-08	1.4E-07	3.0E-08	1.9E-06
637	UCART1	592847.6	4123479.92	592847.59, 4123479.92	4.40E-03	1.16E-03	1.5E-06	4.6E-06	1.2E-06	7.0E-07	6.4E-07	2.9E-07	6.0E-08	1.4E-06	7.2E-07	1.1E-07	2.1E-07	4.4E-08	2.6E-06
638	UCART1	592887.6	4123479.92	592887.59, 4123479.92	5.39E-03	1.41E-03	1.9E-06	5.6E-06	1.5E-06	8.5E-07	7.7E-07	3.5E-07	7.3E-08	1.8E-06	8.7E-07	1.3E-07	2.6E-07	5.4E-08	3.2E-06

OPERATIONAL RISK (UNMITIGATED)

639	UCART1	592927.6	4123479.92	592927.59, 4123479.92	7.30E-03	2.49E-03	2.5E-06	7.6E-06	2.6E-06	1.5E-06	1.4E-06	6.2E-07	9.9E-08	2.4E-06	1.5E-06	2.3E-07	4.5E-07	9.5E-08	4.8E-06
640	UCART1	592967.6	4123479.92	592967.59, 4123479.92	8.51E-03	2.27E-03	2.9E-06	8.9E-06	2.4E-06	1.4E-06	1.2E-06	5.7E-07	1.2E-07	2.8E-06	1.4E-06	2.1E-07	4.1E-07	8.6E-08	5.0E-06
641	UCART1	593007.6	4123479.92	593007.59, 4123479.92	1.05E-02	2.23E-03	3.6E-06	1.1E-05	2.3E-06	1.3E-06	1.2E-06	5.6E-07	1.4E-07	3.4E-06	1.4E-06	2.1E-07	4.0E-07	8.5E-08	5.7E-06
642	UCART1	593047.6	4123479.92	593047.59, 4123479.92	1.34E-02	2.37E-03	4.6E-06	1.4E-05	2.5E-06	1.4E-06	1.3E-06	5.9E-07	1.8E-07	4.4E-06	1.5E-06	2.2E-07	4.3E-07	9.0E-08	6.8E-06
643	UCART1	593087.6	4123479.92	593087.59, 4123479.92	1.72E-02	2.19E-03	5.9E-06	1.8E-05	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.3E-07	5.6E-06	1.4E-06	2.0E-07	4.0E-07	8.3E-08	7.9E-06
644	UCART1	593127.6	4123479.92	593127.59, 4123479.92	2.31E-02	2.57E-03	8.0E-06	2.4E-05	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.1E-07	7.6E-06	1.6E-06	2.4E-07	4.6E-07	9.8E-08	1.0E-05
645	UCART1	593167.6	4123479.92	593167.59, 4123479.92	3.22E-02	3.45E-03	1.1E-05	3.4E-05	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.4E-07	1.1E-05	2.1E-06	3.2E-07	6.2E-07	1.3E-07	1.4E-05
646	UCART1	593207.6	4123479.92	593207.59, 4123479.92	4.72E-02	5.18E-03	1.6E-05	4.9E-05	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.4E-07	1.5E-05	3.2E-06	4.8E-07	9.4E-07	2.0E-07	2.1E-05
647	UCART1	593247.6	4123479.92	593247.59, 4123479.92	7.89E-02	8.92E-03	2.7E-05	8.2E-05	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.1E-06	2.6E-05	5.5E-06	8.3E-07	1.6E-06	3.4E-07	3.5E-05
648	UCART1	593287.6	4123479.92	593287.59, 4123479.92	1.50E-01	1.82E-02	5.2E-05	1.6E-04	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.0E-06	4.9E-05	1.1E-05	1.7E-06	3.3E-06	6.9E-07	6.8E-05
649	UCART1	593327.6	4123479.92	593327.59, 4123479.92	1.78E-01	4.76E-02	6.2E-05	1.9E-04	5.0E-05	2.9E-05	2.6E-05	1.2E-05	2.4E-06	5.9E-05	2.9E-05	4.4E-06	8.6E-06	1.8E-06	1.1E-04
650	UCART1	593367.6	4123479.92	593367.59, 4123479.92	1.55E-01	1.57E-01	5.4E-05	1.6E-04	1.6E-04	9.5E-05	8.6E-05	3.9E-05	2.1E-06	5.1E-05	9.7E-05	1.5E-05	2.8E-05	6.0E-06	2.0E-04
651	UCART1	593407.6	4123479.92	593407.59, 4123479.92	1.24E-01	5.78E-02	4.3E-05	1.3E-04	6.0E-05	3.5E-05	3.2E-05	1.4E-05	1.7E-06	4.1E-05	3.6E-05	5.4E-06	1.0E-05	2.2E-06	9.6E-05
652	UCART1	593447.6	4123479.92	593447.59, 4123479.92	9.38E-02	1.85E-02	3.2E-05	9.8E-05	1.9E-05	1.1E-05	1.0E-05	4.6E-06	1.3E-06	3.1E-05	1.1E-05	1.7E-06	3.3E-06	7.0E-07	4.9E-05
653	UCART1	593487.6	4123479.92	593487.59, 4123479.92	7.68E-02	8.94E-03	2.7E-05	8.0E-05	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-06	2.5E-05	5.5E-06	8.3E-07	1.6E-06	3.4E-07	3.5E-05
654	UCART1	593527.6	4123479.92	593527.59, 4123479.92	6.78E-02	5.29E-03	2.3E-05	7.1E-05	5.5E-06	3.2E-06	2.9E-06	1.3E-06	9.2E-07	2.2E-05	3.3E-06	4.9E-07	9.6E-07	2.0E-07	2.8E-05
655	UCART1	593567.6	4123479.92	593567.59, 4123479.92	5.80E-02	3.51E-03	2.0E-05	6.1E-05	3.7E-06	2.1E-06	1.9E-06	8.8E-07	7.9E-07	1.9E-05	2.2E-06	3.3E-07	6.4E-07	1.3E-07	2.3E-05
656	UCART1	593607.6	4123479.92	593607.59, 4123479.92	4.58E-02	2.51E-03	1.6E-05	4.8E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	6.2E-07	1.5E-05	1.5E-06	2.3E-07	4.5E-07	9.5E-08	1.8E-05
657	UCART1	593647.6	4123479.92	593647.59, 4123479.92	3.40E-02	1.88E-03	1.2E-05	3.5E-05	2.0E-06	1.1E-06	1.0E-06	4.7E-07	4.6E-07	1.1E-05	1.2E-06	1.7E-07	3.4E-07	7.2E-08	1.3E-05
658	UCART1	593687.6	4123479.92	593687.59, 4123479.92	2.27E-02	1.46E-03	7.8E-06	2.4E-05	1.5E-06	8.8E-07	8.0E-07	3.7E-07	3.1E-07	7.4E-06	9.0E-07	1.4E-07	2.6E-07	5.6E-08	9.1E-06
659	UCART1	593727.6	4123479.92	593727.59, 4123479.92	1.46E-02	1.16E-03	5.0E-06	1.5E-05	1.2E-06	7.0E-07	6.4E-07	2.9E-07	2.0E-07	4.8E-06	7.1E-07	1.1E-07	2.1E-07	4.4E-08	6.1E-06
660	UCART1	593767.6	4123479.92	593767.59, 4123479.92	1.01E-02	9.46E-04	3.5E-06	1.1E-05	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.4E-07	3.3E-06	5.8E-07	8.8E-08	1.7E-07	3.6E-08	4.3E-06
661	UCART1	593807.6	4123479.92	593807.59, 4123479.92	7.46E-03	7.88E-04	2.6E-06	7.8E-06	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.0E-07	2.5E-06	4.9E-07	7.3E-08	1.4E-07	3.0E-08	3.3E-06
662	UCART1	593847.6	4123479.92	593847.59, 4123479.92	5.79E-03	6.65E-04	2.0E-06	6.0E-06	7.0E-07	4.0E-07	3.6E-07	1.7E-07	7.9E-08	1.9E-06	4.1E-07	6.2E-08	1.2E-07	2.5E-08	2.6E-06
663	UCART1	593887.6	4123479.92	593887.59, 4123479.92	4.64E-03	5.69E-04	1.6E-06	4.9E-06	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.3E-08	1.5E-06	3.5E-07	5.3E-08	1.0E-07	2.2E-08	2.1E-06
664	UCART1	593927.6	4123479.92	593927.59, 4123479.92	3.83E-03	4.93E-04	1.3E-06	4.0E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-08	1.3E-06	3.0E-07	4.6E-08	8.9E-08	1.9E-08	1.8E-06
665	UCART1	593967.6	4123479.92	593967.59, 4123479.92	3.22E-03	4.31E-04	1.1E-06	3.4E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.4E-08	1.1E-06	2.7E-07	4.0E-08	7.8E-08	1.6E-08	1.5E-06
666	UCART1	594007.6	4123479.92	594007.59, 4123479.92	2.76E-03	3.82E-04	9.5E-07	2.9E-06	4.0E-07	2.3E-07	2.1E-07	9.6E-08	3.8E-08	9.1E-07	2.4E-07	3.5E-08	6.9E-08	1.5E-08	1.3E-06
667	UCART1	592567.6	4123519.92	592567.59, 4123519.92	1.64E-03	2.81E-04	5.7E-07	1.7E-06	2.9E-07	1.7E-07	1.5E-07	7.0E-08	2.2E-08	5.4E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	8.2E-07
668	UCART1	592607.6	4123519.92	592607.59, 4123519.92	1.85E-03	3.21E-04	6.4E-07	1.9E-06	3.4E-07	1.9E-07	1.8E-07	8.0E-08	2.5E-08	6.1E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	9.3E-07
669	UCART1	592647.6	4123519.92	592647.59, 4123519.92	2.10E-03	3.72E-04	7.3E-07	2.2E-06	3.9E-07	2.2E-07	2.0E-07	9.3E-08	2.9E-08	6.9E-07	2.3E-07	3.4E-08	6.7E-08	1.4E-08	1.1E-06
670	UCART1	592687.6	4123519.92	592687.59, 4123519.92	2.41E-03	4.36E-04	8.3E-07	2.5E-06	4.6E-07	2.6E-07	2.4E-07	1.1E-07	3.3E-08	7.9E-07	2.7E-07	4.0E-08	7.9E-08	1.7E-08	1.2E-06
671	UCART1	592727.6	4123519.92	592727.59, 4123519.92	2.80E-03	5.20E-04	9.7E-07	2.9E-06	5.4E-07	3.1E-07	2.9E-07	1.3E-07	3.8E-08	9.2E-07	3.2E-07	4.8E-08	9.4E-08	2.0E-08	1.4E-06
672	UCART1	592767.6	4123519.92	592767.59, 4123519.92	3.31E-03	6.34E-04	1.1E-06	3.5E-06	6.6E-07	3.8E-07	3.5E-07	1.6E-07	4.5E-08	1.1E-06	3.9E-07	5.9E-08	1.1E-07	2.4E-08	1.7E-06
673	UCART1	592807.6	4123519.92	592807.59, 4123519.92	3.97E-03	8.00E-04	1.4E-06	4.2E-06	8.4E-07	4.8E-07	4.4E-07	2.0E-07	5.4E-08	1.3E-06	4.9E-07	7.4E-08	1.4E-07	3.0E-08	2.1E-06
674	UCART1	592847.6	4123519.92	592847.59, 4123519.92	4.87E-03	1.07E-03	1.7E-06	5.1E-06	1.1E-06	6.4E-07	5.8E-07	2.7E-07	6.6E-08	1.6E-06	6.6E-07	9.9E-08	1.9E-07	4.1E-08	2.7E-06
675	UCART1	592887.6	4123519.92	592887.59, 4123519.92	6.19E-03	1.59E-03	2.1E-06	6.5E-06	1.7E-06	9.6E-07	8.7E-07	4.0E-07	8.4E-08	2.0E-06	9.8E-07	1.5E-07	2.9E-07	6.1E-08	3.6E-06
676	UCART1	592927.6	4123519.92	592927.59, 4123519.92	7.34E-03	1.55E-03	2.5E-06	7.7E-06	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.0E-07	2.4E-06	9.6E-07	1.4E-07	2.8E-07	5.9E-08	4.0E-06
677	UCART1	592967.6	4123519.92	592967.59, 4123519.92	9.29E-03	2.09E-03	3.2E-06	9.7E-06	2.2E-06	1.3E-06	1.1E-06	5.2E-07	1.3E-07	3.1E-06	1.3E-06	1.9E-07	3.8E-07	8.0E-08	5.1E-06
678	UCART1	593007.6	4123519.92	593007.59, 4123519.92	1.12E-02	1.93E-03	3.9E-06	1.2E-05	2.0E-06	1.2E-06	1.1E-06	4.8E-07	1.5E-07	3.7E-06	1.2E-06	1.8E-07	3.5E-07	7.3E-08	5.6E-06
679	UCART1	593047.6	4123519.92	593047.59, 4123519.92	1.40E-02	1.99E-03	4.9E-06	1.5E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.9E-07	4.6E-06	1.2E-06	1.8E-07	3.6E-07	7.6E-08	6.6E-06
680	UCART1	593087.6	4123519.92	593087.59, 4123519.92	1.79E-02	2.31E-03	6.2E-06	1.9E-05	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.4E-07	5.9E-06	1.4E-06	2.1E-07	4.2E-07	8.8E-08	8.3E-06
681	UCART1	593127.6	4123519.92	593127.59, 4123519.92	2.33E-02	3.00E-03	8.1E-06	2.4E-05	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.2E-07	7.7E-06	1.8E-06	2.8E-07	5.4E-07	1.1E-07	1.1E-05
682	UCART1	593167.6	4123519.92	593167.59, 4123519.92	3.10E-02	4.23E-03	1.1E-05	3.2E-05	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.2E-07	1.0E-05	2.6E-06	3.9E-07	7.6E-07	1.6E-07	1.5E-05
683	UCART1	593207.6	4123519.92	593207.59, 4123519.92	4.27E-02	6.45E-03	1.5E-05	4.5E-05	6.7E-06	3.9E-06	3.5E-06	1.6E-06	5.8E-07	1.4E-05	4.0E-06	6.0E-07	1.2E-06	2.5E-07	2.1E-05
684	UCART1	593247.6	4123519.92	593247.59, 4123519.92	6.20E-02	1.06E-02	2.1E-05	6.5E-05	1.1E-05	6.4E-06	5.8E-06	2.6E-06	8.4E-07	2.0E-05	6.5E-06	9.8E-07	1.9E-06	4.0E-07	3.1E-05
685	UCART1	593287.6	4123519.92	593287.59, 4123519.92	9.40E-02	1.79E-02	3.3E-05	9.8E-05	1.9E-05	1.1E-05	9.8E-06	4.5E-06	1.3E-06	3.1E-05	1.1E-05	1.7E-06	3.2E-06	6.8E-07	4.9E-05
686	UCART1	593327.6	4123519.92	593327.59, 4123519.92	9.93E-02	2.65E-02	3.4E-05	1.0E-04	2.8E-05	1.6E-05	1.5E-05	6.6E-06	1.4E-06	3.3E-05	1.6E-05	2.5E-06	4.8E-06	1.0E-06	5.9E-05
687	UCART1	593367.6	4123519.92	593367.59, 4123519.92	7.40E-02	2.61E-02	2.6E-05	7.7E-05	2.7E-05	1.6E-05	1.4E-05	6.5E-06	1.0E-06	2.4E-05	1.6E-05	2.4E-06	4.7E-06	9.9E-07	5.0E-05
688	UCART1	593407.6	4123519.92	593407.59, 4123519.92	5.76E-02	1.56E-02	2.0E-05	6.0E-05	1.6E-05	9.4E-06	8.5E-06	3.9E-06	7.8E-07	1.9E-05	9.6E-06	1.4E-06	2.8E-06	5.9E-07	3.4E-05
689	UCART1	593447.6	4123519.92	593447.59, 4123519.92	4.81E-02	8.71E-03	1.7E-05	5.0E-05	9.1E-06	5.3E-06	4.8E-06	2.2E-06	6.5E-07	1.6E-05	5.4E-06	8.1E-07	1.6E-06	3.3E-07	2.5E-05
690	UCART1	593487.6	4123519.92	593487.59, 4123519.92	4.09E-02	5.34E-03	1.4E-05	4.3E-05	5.6E-06	3.2E-06	2.9E-06	1.3E-06	5.6E-07	1.3E-05	3.3E-06	4.9E-07	9.7E-07	2.0E-07	1.9E-05
691	UCART1	593527.6	4123519.92	593527.59, 4123519.92	3.46E-02	3.55E-03	1.2E-05	3.6E-05	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.7E-07	1.1E-05	2.2E-06	3.3E-07	6.4E-07	1.4E-07	1.5E-05
692	UCART1	593567.6	4123519.92	593567.59, 4123519.92	2.88E-02	2.53E-03	1.0E-05	3.0E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.9E-07	9.5E-06	1.6E-06	2.3E-07	4.6E-07	9.6E-08	1.2E-05

OPERATIONAL RISK (UNMITIGATED)

693	UCART1	593607.6	4123519.92	593607.59, 4123519.92	2.33E-02	1.90E-03	8.1E-06	2.4E-05	2.0E-06	1.1E-06	1.0E-06	4.7E-07	3.2E-07	7.7E-06	1.2E-06	1.8E-07	3.4E-07	7.2E-08	9.7E-06
694	UCART1	593647.6	4123519.92	593647.59, 4123519.92	1.81E-02	1.48E-03	6.3E-06	1.9E-05	1.5E-06	8.9E-07	8.1E-07	3.7E-07	2.5E-07	6.0E-06	9.1E-07	1.4E-07	2.7E-07	5.6E-08	7.6E-06
695	UCART1	593687.6	4123519.92	593687.59, 4123519.92	1.35E-02	1.18E-03	4.7E-06	1.4E-05	1.2E-06	7.1E-07	6.5E-07	2.9E-07	1.8E-07	4.4E-06	7.2E-07	1.1E-07	2.1E-07	4.5E-08	5.7E-06
696	UCART1	593727.6	4123519.92	593727.59, 4123519.92	1.00E-02	9.56E-04	3.5E-06	1.0E-05	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.4E-07	3.3E-06	5.9E-07	8.9E-08	1.7E-07	3.6E-08	4.3E-06
697	UCART1	593767.6	4123519.92	593767.59, 4123519.92	7.65E-03	7.93E-04	2.6E-06	8.0E-06	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.0E-07	2.5E-06	4.9E-07	7.3E-08	1.4E-07	3.0E-08	3.4E-06
698	UCART1	593807.6	4123519.92	593807.59, 4123519.92	6.01E-03	6.67E-04	2.1E-06	6.3E-06	7.0E-07	4.0E-07	3.7E-07	1.7E-07	8.2E-08	2.0E-06	4.1E-07	6.2E-08	1.2E-07	2.5E-08	2.7E-06
699	UCART1	593847.6	4123519.92	593847.59, 4123519.92	4.85E-03	5.71E-04	1.7E-06	5.1E-06	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-08	1.6E-06	3.5E-07	5.3E-08	1.0E-07	2.2E-08	2.2E-06
700	UCART1	593887.6	4123519.92	593887.59, 4123519.92	4.00E-03	4.94E-04	1.4E-06	4.2E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.4E-08	1.3E-06	3.0E-07	4.6E-08	8.9E-08	1.9E-08	1.8E-06
701	UCART1	593927.6	4123519.92	593927.59, 4123519.92	3.36E-03	4.33E-04	1.2E-06	3.5E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.6E-08	1.1E-06	2.7E-07	4.0E-08	7.8E-08	1.6E-08	1.6E-06
702	UCART1	593967.6	4123519.92	593967.59, 4123519.92	2.87E-03	3.83E-04	9.9E-07	3.0E-06	4.0E-07	2.3E-07	2.1E-07	9.6E-08	3.9E-08	9.4E-07	2.4E-07	3.5E-08	6.9E-08	1.5E-08	1.3E-06
703	UCART1	594007.6	4123519.92	594007.59, 4123519.92	2.49E-03	3.42E-04	8.6E-07	2.6E-06	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.4E-08	8.2E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	1.2E-06
704	UCART1	592567.6	4123559.92	592567.59, 4123559.92	1.81E-03	3.03E-04	6.3E-07	1.9E-06	3.2E-07	1.8E-07	1.7E-07	7.6E-08	2.5E-08	5.9E-07	1.9E-07	2.8E-08	5.5E-08	1.2E-08	9.0E-07
705	UCART1	592607.6	4123559.92	592607.59, 4123559.92	2.05E-03	3.46E-04	7.1E-07	2.1E-06	3.6E-07	2.1E-07	1.9E-07	8.7E-08	2.8E-08	6.7E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	1.0E-06
706	UCART1	592647.6	4123559.92	592647.59, 4123559.92	2.34E-03	4.00E-04	8.1E-07	2.4E-06	4.2E-07	2.4E-07	2.2E-07	1.0E-07	3.2E-08	7.7E-07	2.5E-07	3.7E-08	7.2E-08	1.5E-08	1.2E-06
707	UCART1	592687.6	4123559.92	592687.59, 4123559.92	2.70E-03	4.66E-04	9.4E-07	2.8E-06	4.9E-07	2.8E-07	2.6E-07	1.2E-07	3.7E-08	8.9E-07	2.9E-07	4.3E-08	8.4E-08	1.8E-08	1.4E-06
708	UCART1	592727.6	4123559.92	592727.59, 4123559.92	3.15E-03	5.50E-04	1.1E-06	3.3E-06	5.8E-07	3.3E-07	3.0E-07	1.4E-07	4.3E-08	1.0E-06	3.4E-07	5.1E-08	1.0E-07	2.1E-08	1.6E-06
709	UCART1	592767.6	4123559.92	592767.59, 4123559.92	3.72E-03	6.60E-04	1.3E-06	3.9E-06	6.9E-07	4.0E-07	3.6E-07	1.7E-07	5.1E-08	1.2E-06	4.1E-07	6.1E-08	1.2E-07	2.5E-08	1.9E-06
710	UCART1	592807.6	4123559.92	592807.59, 4123559.92	4.44E-03	8.06E-04	1.5E-06	4.6E-06	8.4E-07	4.9E-07	4.4E-07	2.0E-07	6.0E-08	1.5E-06	5.0E-07	7.5E-08	1.5E-07	3.1E-08	2.3E-06
711	UCART1	592847.6	4123559.92	592847.59, 4123559.92	5.36E-03	1.01E-03	1.9E-06	5.6E-06	1.1E-06	6.1E-07	5.5E-07	2.5E-07	7.3E-08	1.8E-06	6.2E-07	9.3E-08	1.8E-07	3.8E-08	2.8E-06
712	UCART1	592887.6	4123559.92	592887.59, 4123559.92	6.57E-03	1.31E-03	2.3E-06	6.9E-06	1.4E-06	7.9E-07	7.2E-07	3.3E-07	8.9E-08	2.2E-06	8.0E-07	1.2E-07	2.4E-07	5.0E-08	3.5E-06
713	UCART1	592927.6	4123559.92	592927.59, 4123559.92	8.07E-03	1.61E-03	2.8E-06	8.4E-06	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.1E-07	2.7E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	4.3E-06
714	UCART1	592967.6	4123559.92	592967.59, 4123559.92	1.02E-02	2.37E-03	3.5E-06	1.1E-05	2.5E-06	1.4E-06	1.3E-06	5.9E-07	1.4E-07	3.4E-06	1.5E-06	2.2E-07	4.3E-07	9.0E-08	5.7E-06
715	UCART1	593007.6	4123559.92	593007.59, 4123559.92	1.17E-02	1.87E-03	4.1E-06	1.2E-05	2.0E-06	1.1E-06	1.0E-06	4.7E-07	1.6E-07	3.8E-06	1.2E-06	1.7E-07	3.4E-07	7.1E-08	5.7E-06
716	UCART1	593047.6	4123559.92	593047.59, 4123559.92	1.42E-02	2.03E-03	4.9E-06	1.5E-05	2.1E-06	1.2E-06	1.1E-06	5.1E-07	1.9E-07	4.7E-06	1.2E-06	1.9E-07	3.7E-07	7.7E-08	6.7E-06
717	UCART1	593087.6	4123559.92	593087.59, 4123559.92	1.76E-02	2.51E-03	6.1E-06	1.8E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.4E-07	5.8E-06	1.5E-06	2.3E-07	4.5E-07	9.6E-08	8.3E-06
718	UCART1	593127.6	4123559.92	593127.59, 4123559.92	2.18E-02	3.32E-03	7.6E-06	2.3E-05	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.0E-07	7.2E-06	2.0E-06	3.1E-07	6.0E-07	1.3E-07	1.1E-05
719	UCART1	593167.6	4123559.92	593167.59, 4123559.92	2.71E-02	4.58E-03	9.4E-06	2.8E-05	4.8E-06	2.8E-06	2.5E-06	1.1E-06	3.7E-07	8.9E-06	2.8E-06	4.2E-07	8.3E-07	1.7E-07	1.4E-05
720	UCART1	593207.6	4123559.92	593207.59, 4123559.92	3.34E-02	6.42E-03	1.2E-05	3.5E-05	6.7E-06	3.9E-06	3.5E-06	1.6E-06	4.5E-07	1.1E-05	4.0E-06	6.0E-07	1.2E-06	2.4E-07	1.7E-05
721	UCART1	593247.6	4123559.92	593247.59, 4123559.92	3.96E-02	8.85E-03	1.4E-05	4.1E-05	9.2E-06	5.4E-06	4.9E-06	2.2E-06	5.4E-07	1.3E-05	5.4E-06	8.2E-07	1.6E-06	3.4E-07	2.2E-05
722	UCART1	593287.6	4123559.92	593287.59, 4123559.92	4.31E-02	1.11E-02	1.5E-05	4.5E-05	1.2E-05	6.7E-06	6.1E-06	2.8E-06	5.9E-07	1.4E-05	6.8E-06	1.0E-06	2.0E-06	4.2E-07	2.5E-05
723	UCART1	593327.6	4123559.92	593327.59, 4123559.92	4.18E-02	1.17E-02	1.4E-05	4.4E-05	1.2E-05	7.1E-06	6.4E-06	2.9E-06	5.7E-07	1.4E-05	7.2E-06	1.1E-06	2.1E-06	4.5E-07	2.5E-05
724	UCART1	593367.6	4123559.92	593367.59, 4123559.92	3.72E-02	1.04E-02	1.3E-05	3.9E-05	1.1E-05	6.3E-06	5.7E-06	2.6E-06	5.1E-07	1.2E-05	6.4E-06	9.6E-07	1.9E-06	4.0E-07	2.2E-05
725	UCART1	593407.6	4123559.92	593407.59, 4123559.92	3.25E-02	7.36E-03	1.1E-05	3.4E-05	7.7E-06	4.5E-06	4.0E-06	1.8E-06	4.4E-07	1.1E-05	4.5E-06	6.8E-07	1.3E-06	2.8E-07	1.8E-05
726	UCART1	593447.6	4123559.92	593447.59, 4123559.92	2.84E-02	4.99E-03	9.8E-06	3.0E-05	5.2E-06	3.0E-06	2.7E-06	1.2E-06	3.9E-07	9.3E-06	3.1E-06	4.6E-07	9.0E-07	1.9E-07	1.4E-05
727	UCART1	593487.6	4123559.92	593487.59, 4123559.92	2.47E-02	3.55E-03	8.6E-06	2.6E-05	3.7E-06	2.1E-06	1.9E-06	8.9E-07	3.4E-07	8.1E-06	2.2E-06	3.3E-07	6.4E-07	1.4E-07	1.2E-05
728	UCART1	593527.6	4123559.92	593527.59, 4123559.92	2.11E-02	2.61E-03	7.3E-06	2.2E-05	2.7E-06	1.6E-06	1.4E-06	6.5E-07	2.9E-07	6.9E-06	1.6E-06	2.4E-07	4.7E-07	9.9E-08	9.7E-06
729	UCART1	593567.6	4123559.92	593567.59, 4123559.92	1.78E-02	1.98E-03	6.1E-06	1.9E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.4E-07	5.8E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	7.9E-06
730	UCART1	593607.6	4123559.92	593607.59, 4123559.92	1.46E-02	1.54E-03	5.1E-06	1.5E-05	1.6E-06	9.3E-07	8.4E-07	3.8E-07	2.0E-07	4.8E-06	9.5E-07	1.4E-07	2.8E-07	5.8E-08	6.4E-06
731	UCART1	593647.6	4123559.92	593647.59, 4123559.92	1.18E-02	1.22E-03	4.1E-06	1.2E-05	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.6E-07	3.9E-06	7.5E-07	1.1E-07	2.2E-07	4.6E-08	5.2E-06
732	UCART1	593687.6	4123559.92	593687.59, 4123559.92	9.43E-03	9.92E-04	3.3E-06	9.9E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-07	3.1E-06	6.1E-07	9.2E-08	1.8E-07	3.8E-08	4.1E-06
733	UCART1	593727.6	4123559.92	593727.59, 4123559.92	7.51E-03	8.20E-04	2.6E-06	7.9E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.0E-07	2.5E-06	5.0E-07	7.6E-08	1.5E-07	3.1E-08	3.3E-06
734	UCART1	593767.6	4123559.92	593767.59, 4123559.92	6.07E-03	6.89E-04	2.1E-06	6.3E-06	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.3E-08	2.0E-06	4.2E-07	6.4E-08	1.2E-07	2.6E-08	2.7E-06
735	UCART1	593807.6	4123559.92	593807.59, 4123559.92	4.98E-03	5.86E-04	1.7E-06	5.2E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-08	1.6E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	2.2E-06
736	UCART1	593847.6	4123559.92	593847.59, 4123559.92	4.15E-03	5.07E-04	1.4E-06	4.3E-06	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.6E-08	1.4E-06	3.1E-07	4.7E-08	9.2E-08	1.9E-08	1.9E-06
737	UCART1	593887.6	4123559.92	593887.59, 4123559.92	3.51E-03	4.43E-04	1.2E-06	3.7E-06	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.8E-08	1.2E-06	2.7E-07	4.1E-08	8.0E-08	1.7E-08	1.6E-06
738	UCART1	593927.6	4123559.92	593927.59, 4123559.92	3.01E-03	3.91E-04	1.0E-06	3.1E-06	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.1E-08	9.9E-07	2.4E-07	3.6E-08	7.1E-08	1.5E-08	1.4E-06
739	UCART1	593967.6	4123559.92	593967.59, 4123559.92	2.60E-03	3.48E-04	9.0E-07	2.7E-06	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.5E-08	8.6E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	1.2E-06
740	UCART1	594007.6	4123559.92	594007.59, 4123559.92	2.28E-03	3.12E-04	7.9E-07	2.4E-06	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.1E-08	7.5E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	1.1E-06
741	UCART1	592567.6	4123599.92	592567.59, 4123599.92	2.00E-03	3.28E-04	6.9E-07	2.1E-06	3.4E-07	2.0E-07	1.8E-07	8.2E-08	2.7E-08	6.6E-07	2.0E-07	3.0E-08	5.9E-08	1.2E-08	9.9E-07
742	UCART1	592607.6	4123599.92	592607.59, 4123599.92	2.28E-03	3.74E-04	7.9E-07	2.4E-06	3.9E-07	2.3E-07	2.1E-07	9.4E-08	3.1E-08	7.5E-07	2.3E-07	3.5E-08	6.8E-08	1.4E-08	1.1E-06
743	UCART1	592647.6	4123599.92	592647.59, 4123599.92	2.61E-03	4.30E-04	9.0E-07	2.7E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	3.5E-08	8.6E-07	2.7E-07	4.0E-08	7.8E-08	1.6E-08	1.3E-06
744	UCART1	592687.6	4123599.92	592687.59, 4123599.92	3.01E-03	4.99E-04	1.0E-06	3.1E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	4.1E-08	9.9E-07	3.1E-07	4.6E-08	9.0E-08	1.9E-08	1.5E-06
745	UCART1	592727.6	4123599.92	592727.59, 4123599.92	3.50E-03	5.85E-04	1.2E-06	3.7E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	4.8E-08	1.2E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	1.7E-06
746	UCART1	592767.6	4123599.92	592767.59, 4123599.92	4.11E-03	6.91E-04	1.4E-06	4.3E-06	7.2E-07	4.2E-07	3.8E-07	1.7E-07	5.6E-08	1.3E-06	4.3E-07	6.4E-08	1.3E-07	2.6E-08	2.0E-06

OPERATIONAL RISK (UNMITIGATED)

747	UCART1	592807.6	4123599.92	592807.59, 4123599.92	4.86E-03	8.16E-04	1.7E-06	5.1E-06	8.5E-07	4.9E-07	4.5E-07	2.0E-07	6.6E-08	1.6E-06	5.0E-07	7.6E-08	1.5E-07	3.1E-08	2.4E-06
748	UCART1	592847.6	4123599.92	592847.59, 4123599.92	5.76E-03	9.70E-04	2.0E-06	6.0E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	7.8E-08	1.9E-06	6.0E-07	9.0E-08	1.8E-07	3.7E-08	2.9E-06
749	UCART1	592887.6	4123599.92	592887.59, 4123599.92	6.86E-03	1.17E-03	2.4E-06	7.2E-06	1.2E-06	7.1E-07	6.4E-07	2.9E-07	9.3E-08	2.3E-06	7.2E-07	1.1E-07	2.1E-07	4.5E-08	3.4E-06
750	UCART1	592927.6	4123599.92	592927.59, 4123599.92	8.24E-03	1.46E-03	2.9E-06	8.6E-06	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.1E-07	2.7E-06	9.0E-07	1.4E-07	2.6E-07	5.6E-08	4.2E-06
751	UCART1	592967.6	4123599.92	592967.59, 4123599.92	9.73E-03	1.60E-03	3.4E-06	1.0E-05	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.3E-07	3.2E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	4.8E-06
752	UCART1	593007.6	4123599.92	593007.59, 4123599.92	1.14E-02	1.73E-03	4.0E-06	1.2E-05	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.6E-07	3.8E-06	1.1E-06	1.6E-07	3.1E-07	6.6E-08	5.5E-06
753	UCART1	593047.6	4123599.92	593047.59, 4123599.92	1.36E-02	2.09E-03	4.7E-06	1.4E-05	2.2E-06	1.3E-06	1.1E-06	5.2E-07	1.9E-07	4.5E-06	1.3E-06	1.9E-07	3.8E-07	7.9E-08	6.6E-06
754	UCART1	593087.6	4123599.92	593087.59, 4123599.92	1.61E-02	2.62E-03	5.6E-06	1.7E-05	2.7E-06	1.6E-06	1.4E-06	6.6E-07	2.2E-07	5.3E-06	1.6E-06	2.4E-07	4.7E-07	1.0E-07	7.9E-06
755	UCART1	593127.6	4123599.92	593127.59, 4123599.92	1.89E-02	3.35E-03	6.5E-06	2.0E-05	3.5E-06	2.0E-06	1.8E-06	8.4E-07	2.6E-07	6.2E-06	2.1E-06	3.1E-07	6.1E-07	1.3E-07	9.6E-06
756	UCART1	593167.6	4123599.92	593167.59, 4123599.92	2.17E-02	4.29E-03	7.5E-06	2.3E-05	4.5E-06	2.6E-06	2.4E-06	1.1E-06	2.9E-07	7.1E-06	2.6E-06	4.0E-07	7.8E-07	1.6E-07	1.1E-05
757	UCART1	593207.6	4123599.92	593207.59, 4123599.92	2.41E-02	5.34E-03	8.3E-06	2.5E-05	5.6E-06	3.2E-06	2.9E-06	1.3E-06	3.3E-07	7.9E-06	3.3E-06	5.0E-07	9.7E-07	2.0E-07	1.3E-05
758	UCART1	593247.6	4123599.92	593247.59, 4123599.92	2.57E-02	6.26E-03	8.9E-06	2.7E-05	6.5E-06	3.8E-06	3.4E-06	1.6E-06	3.5E-07	8.5E-06	3.9E-06	5.8E-07	1.1E-06	2.4E-07	1.5E-05
759	UCART1	593287.6	4123599.92	593287.59, 4123599.92	2.63E-02	6.65E-03	9.1E-06	2.7E-05	7.0E-06	4.0E-06	3.6E-06	1.7E-06	3.6E-07	8.6E-06	4.1E-06	6.2E-07	1.2E-06	2.5E-07	1.5E-05
760	UCART1	593327.6	4123599.92	593327.59, 4123599.92	2.54E-02	6.44E-03	8.8E-06	2.7E-05	6.7E-06	3.9E-06	3.5E-06	1.6E-06	3.5E-07	8.3E-06	4.0E-06	6.0E-07	1.2E-06	2.4E-07	1.5E-05
761	UCART1	593367.6	4123599.92	593367.59, 4123599.92	2.33E-02	5.69E-03	8.1E-06	2.4E-05	5.9E-06	3.4E-06	3.1E-06	1.4E-06	3.2E-07	7.7E-06	3.5E-06	5.3E-07	1.0E-06	2.2E-07	1.3E-05
762	UCART1	593407.6	4123599.92	593407.59, 4123599.92	2.10E-02	4.35E-03	7.3E-06	2.2E-05	4.5E-06	2.6E-06	2.4E-06	1.1E-06	2.9E-07	6.9E-06	2.7E-06	4.0E-07	7.9E-07	1.7E-07	1.1E-05
763	UCART1	593447.6	4123599.92	593447.59, 4123599.92	1.87E-02	3.20E-03	6.5E-06	2.0E-05	3.3E-06	1.9E-06	1.8E-06	8.0E-07	2.5E-07	6.2E-06	2.0E-06	3.0E-07	5.8E-07	1.2E-07	9.4E-06
764	UCART1	593487.6	4123599.92	593487.59, 4123599.92	1.65E-02	2.46E-03	5.7E-06	1.7E-05	2.6E-06	1.5E-06	1.3E-06	6.2E-07	2.2E-07	5.4E-06	1.5E-06	2.3E-07	4.4E-07	9.3E-08	7.9E-06
765	UCART1	593527.6	4123599.92	593527.59, 4123599.92	1.42E-02	1.92E-03	4.9E-06	1.5E-05	2.0E-06	1.2E-06	1.1E-06	4.8E-07	1.9E-07	4.7E-06	1.2E-06	1.8E-07	3.5E-07	7.3E-08	6.6E-06
766	UCART1	593567.6	4123599.92	593567.59, 4123599.92	1.22E-02	1.54E-03	4.2E-06	1.3E-05	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.7E-07	4.0E-06	9.5E-07	1.4E-07	2.8E-07	5.8E-08	5.6E-06
767	UCART1	593607.6	4123599.92	593607.59, 4123599.92	1.03E-02	1.24E-03	3.6E-06	1.1E-05	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-07	3.4E-06	7.6E-07	1.2E-07	2.2E-07	4.7E-08	4.7E-06
768	UCART1	593647.6	4123599.92	593647.59, 4123599.92	8.59E-03	1.02E-03	3.0E-06	9.0E-06	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-07	2.8E-06	6.3E-07	9.5E-08	1.9E-07	3.9E-08	3.9E-06
769	UCART1	593687.6	4123599.92	593687.59, 4123599.92	7.13E-03	8.52E-04	2.5E-06	7.5E-06	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.7E-08	2.3E-06	5.2E-07	7.9E-08	1.5E-07	3.2E-08	3.2E-06
770	UCART1	593727.6	4123599.92	593727.59, 4123599.92	5.92E-03	7.17E-04	2.0E-06	6.2E-06	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.1E-08	1.9E-06	4.4E-07	6.6E-08	1.3E-07	2.7E-08	2.7E-06
771	UCART1	593767.6	4123599.92	593767.59, 4123599.92	4.96E-03	6.11E-04	1.7E-06	5.2E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.8E-08	1.6E-06	3.8E-07	5.7E-08	1.1E-07	2.3E-08	2.3E-06
772	UCART1	593807.6	4123599.92	593807.59, 4123599.92	4.20E-03	5.27E-04	1.5E-06	4.4E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.7E-08	1.4E-06	3.2E-07	4.9E-08	9.5E-08	2.0E-08	1.9E-06
773	UCART1	593847.6	4123599.92	593847.59, 4123599.92	3.59E-03	4.60E-04	1.2E-06	3.8E-06	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.9E-08	1.2E-06	2.8E-07	4.3E-08	8.3E-08	1.7E-08	1.7E-06
774	UCART1	593887.6	4123599.92	593887.59, 4123599.92	3.10E-03	4.04E-04	1.1E-06	3.2E-06	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.2E-08	1.0E-06	2.5E-07	3.7E-08	7.3E-08	1.5E-08	1.4E-06
775	UCART1	593927.6	4123599.92	593927.59, 4123599.92	2.70E-03	3.60E-04	9.4E-07	2.8E-06	3.8E-07	2.2E-07	2.0E-07	9.0E-08	3.7E-08	8.9E-07	2.2E-07	3.3E-08	6.5E-08	1.4E-08	1.3E-06
776	UCART1	593967.6	4123599.92	593967.59, 4123599.92	2.38E-03	3.21E-04	8.2E-07	2.5E-06	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.2E-08	7.8E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	1.1E-06
777	UCART1	594007.6	4123599.92	594007.59, 4123599.92	2.11E-03	2.90E-04	7.3E-07	2.2E-06	3.0E-07	1.8E-07	1.6E-07	7.3E-08	2.9E-08	6.9E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	9.9E-07
778	UCART1	593087.6	4123639.92	593087.59, 4123639.92	1.41E-02	2.58E-03	4.9E-06	1.5E-05	2.7E-06	1.6E-06	1.4E-06	6.5E-07	1.9E-07	4.6E-06	1.6E-06	2.4E-07	4.7E-07	9.8E-08	7.2E-06
779	UCART1	593127.6	4123639.92	593127.59, 4123639.92	1.56E-02	3.12E-03	5.4E-06	1.6E-05	3.3E-06	1.9E-06	1.7E-06	7.8E-07	2.1E-07	5.1E-06	1.9E-06	2.9E-07	5.6E-07	1.2E-07	8.2E-06
780	UCART1	593167.6	4123639.92	593167.59, 4123639.92	1.68E-02	3.67E-03	5.8E-06	1.8E-05	3.8E-06	2.2E-06	2.0E-06	9.2E-07	2.3E-07	5.5E-06	2.3E-06	3.4E-07	6.6E-07	1.4E-07	9.2E-06
781	UCART1	593207.6	4123639.92	593207.59, 4123639.92	1.76E-02	4.12E-03	6.1E-06	1.8E-05	4.3E-06	2.5E-06	2.3E-06	1.0E-06	2.4E-07	5.8E-06	2.5E-06	3.8E-07	7.5E-07	1.6E-07	9.8E-06
782	UCART1	593247.6	4123639.92	593247.59, 4123639.92	1.81E-02	4.33E-03	6.3E-06	1.9E-05	4.5E-06	2.6E-06	2.4E-06	1.1E-06	2.5E-07	5.9E-06	2.7E-06	4.0E-07	7.8E-07	1.6E-07	1.0E-05
783	UCART1	593287.6	4123639.92	593287.59, 4123639.92	1.80E-02	4.26E-03	6.2E-06	1.9E-05	4.5E-06	2.6E-06	2.3E-06	1.1E-06	2.5E-07	5.9E-06	2.6E-06	4.0E-07	7.7E-07	1.6E-07	1.0E-05
784	UCART1	593327.6	4123639.92	593327.59, 4123639.92	1.73E-02	4.02E-03	6.0E-06	1.8E-05	4.2E-06	2.4E-06	2.2E-06	1.0E-06	2.3E-07	5.7E-06	2.5E-06	3.7E-07	7.3E-07	1.5E-07	9.6E-06
785	UCART1	593367.6	4123639.92	593367.59, 4123639.92	1.60E-02	3.52E-03	5.5E-06	1.7E-05	3.7E-06	2.1E-06	1.9E-06	8.8E-07	2.2E-07	5.2E-06	2.2E-06	3.3E-07	6.4E-07	1.3E-07	8.7E-06
786	UCART1	593407.6	4123639.92	593407.59, 4123639.92	1.46E-02	2.83E-03	5.0E-06	1.5E-05	3.0E-06	1.7E-06	1.6E-06	7.1E-07	2.0E-07	4.8E-06	1.7E-06	2.6E-07	5.1E-07	1.1E-07	7.6E-06
787	UCART1	593447.6	4123639.92	593447.59, 4123639.92	1.32E-02	2.20E-03	4.6E-06	1.4E-05	2.3E-06	1.3E-06	1.2E-06	5.5E-07	1.8E-07	4.3E-06	1.4E-06	2.0E-07	4.0E-07	8.4E-08	6.5E-06
788	UCART1	593487.6	4123639.92	593487.59, 4123639.92	1.17E-02	1.77E-03	4.0E-06	1.2E-05	1.9E-06	1.1E-06	9.7E-07	4.4E-07	1.6E-07	3.8E-06	1.1E-06	1.6E-07	3.2E-07	6.7E-08	5.6E-06
789	UCART1	593527.6	4123639.92	593527.59, 4123639.92	1.02E-02	1.45E-03	3.5E-06	1.1E-05	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.4E-07	3.4E-06	8.9E-07	1.3E-07	2.6E-07	5.5E-08	4.8E-06
790	UCART1	593567.6	4123639.92	593567.59, 4123639.92	8.89E-03	1.20E-03	3.1E-06	9.3E-06	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.2E-07	2.9E-06	7.4E-07	1.1E-07	2.2E-07	4.6E-08	4.2E-06
791	UCART1	593607.6	4123639.92	593607.59, 4123639.92	7.68E-03	1.01E-03	2.7E-06	8.0E-06	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.0E-07	2.5E-06	6.2E-07	9.3E-08	1.8E-07	3.8E-08	3.6E-06
792	UCART1	593647.6	4123639.92	593647.59, 4123639.92	6.59E-03	8.52E-04	2.3E-06	6.9E-06	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.0E-08	2.2E-06	5.2E-07	7.9E-08	1.5E-07	3.2E-08	3.0E-06
793	UCART1	593687.6	4123639.92	593687.59, 4123639.92	5.63E-03	7.30E-04	2.0E-06	5.9E-06	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-08	1.9E-06	4.5E-07	6.8E-08	1.3E-07	2.8E-08	2.6E-06
794	UCART1	593727.6	4123639.92	593727.59, 4123639.92	4.82E-03	6.28E-04	1.7E-06	5.0E-06	6.6E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-08	1.6E-06	3.9E-07	5.8E-08	1.1E-07	2.4E-08	2.2E-06
795	UCART1	593767.6	4123639.92	593767.59, 4123639.92	4.15E-03	5.45E-04	1.4E-06	4.3E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.6E-08	1.4E-06	3.4E-07	5.1E-08	9.9E-08	2.1E-08	1.9E-06
796	UCART1	593807.6	4123639.92	593807.59, 4123639.92	3.60E-03	4.76E-04	1.2E-06	3.8E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	4.9E-08	1.2E-06	2.9E-07	4.4E-08	8.6E-08	1.8E-08	1.7E-06
797	UCART1	593847.6	4123639.92	593847.59, 4123639.92	3.14E-03	4.20E-04	1.1E-06	3.3E-06	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.3E-08	1.0E-06	2.6E-07	3.9E-08	7.6E-08	1.6E-08	1.5E-06
798	UCART1	593887.6	4123639.92	593887.59, 4123639.92	2.76E-03	3.72E-04	9.5E-07	2.9E-06	3.9E-07	2.2E-07	2.0E-07	9.3E-08	3.8E-08	9.1E-07	2.3E-07	3.4E-08	6.7E-08	1.4E-08	1.3E-06
799	UCART1	593927.6	4123639.92	593927.59, 4123639.92	2.44E-03	3.33E-04	8.5E-07	2.6E-06	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.3E-08	8.0E-07	2.1E-07	3.1E-08	6.0E-08	1.3E-08	1.1E-06
800	UCART1	593967.6	4123639.92	593967.59, 4123639.92	2.17E-03	2.99E-04	7.5E-07	2.3E-06	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.0E-08	7.1E-07	1.8E-07	2.8E-08	5.4E-08	1.1E-08	1.0E-06

OPERATIONAL RISK (UNMITIGATED)

801	UCART1	594007.6	4123639.92	594007.59, 4123639.92	1.95E-03	2.71E-04	6.7E-07	2.0E-06	2.8E-07	1.6E-07	1.5E-07	6.8E-08	2.6E-08	6.4E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	9.2E-07
802	UCART1	593087.6	4123679.92	593087.59, 4123679.92	1.19E-02	2.37E-03	4.1E-06	1.2E-05	2.5E-06	1.4E-06	1.3E-06	5.9E-07	1.6E-07	3.9E-06	1.5E-06	2.2E-07	4.3E-07	9.0E-08	6.3E-06
803	UCART1	593127.6	4123679.92	593127.59, 4123679.92	1.25E-02	2.66E-03	4.3E-06	1.3E-05	2.8E-06	1.6E-06	1.5E-06	6.7E-07	1.7E-07	4.1E-06	1.6E-06	2.5E-07	4.8E-07	1.0E-07	6.7E-06
804	UCART1	593167.6	4123679.92	593167.59, 4123679.92	1.29E-02	2.90E-03	4.5E-06	1.4E-05	3.0E-06	1.8E-06	1.6E-06	7.3E-07	1.8E-07	4.2E-06	1.8E-06	2.7E-07	5.2E-07	1.1E-07	7.1E-06
805	UCART1	593207.6	4123679.92	593207.59, 4123679.92	1.32E-02	3.02E-03	4.6E-06	1.4E-05	3.2E-06	1.8E-06	1.7E-06	7.6E-07	1.8E-07	4.3E-06	1.9E-06	2.8E-07	5.5E-07	1.1E-07	7.3E-06
806	UCART1	593247.6	4123679.92	593247.59, 4123679.92	1.34E-02	3.01E-03	4.6E-06	1.4E-05	3.1E-06	1.8E-06	1.7E-06	7.5E-07	1.8E-07	4.4E-06	1.9E-06	2.8E-07	5.4E-07	1.1E-07	7.4E-06
807	UCART1	593287.6	4123679.92	593287.59, 4123679.92	1.31E-02	2.90E-03	4.5E-06	1.4E-05	3.0E-06	1.8E-06	1.6E-06	7.2E-07	1.8E-07	4.3E-06	1.8E-06	2.7E-07	5.2E-07	1.1E-07	7.2E-06
808	UCART1	593327.6	4123679.92	593327.59, 4123679.92	1.25E-02	2.71E-03	4.3E-06	1.3E-05	2.8E-06	1.6E-06	1.5E-06	6.8E-07	1.7E-07	4.1E-06	1.7E-06	2.5E-07	4.9E-07	1.0E-07	6.8E-06
809	UCART1	593367.6	4123679.92	593367.59, 4123679.92	1.16E-02	2.39E-03	4.0E-06	1.2E-05	2.5E-06	1.4E-06	1.3E-06	6.0E-07	1.6E-07	3.8E-06	1.5E-06	2.2E-07	4.3E-07	9.1E-08	6.2E-06
810	UCART1	593407.6	4123679.92	593407.59, 4123679.92	1.06E-02	1.98E-03	3.7E-06	1.1E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.4E-07	3.5E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	5.5E-06
811	UCART1	593447.6	4123679.92	593447.59, 4123679.92	9.71E-03	1.61E-03	3.4E-06	1.0E-05	1.7E-06	9.8E-07	8.8E-07	4.0E-07	1.3E-07	3.2E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	4.8E-06
812	UCART1	593487.6	4123679.92	593487.59, 4123679.92	8.72E-03	1.33E-03	3.0E-06	9.1E-06	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.2E-07	2.9E-06	8.2E-07	1.2E-07	2.4E-07	5.1E-08	4.2E-06
813	UCART1	593527.6	4123679.92	593527.59, 4123679.92	7.74E-03	1.13E-03	2.7E-06	8.1E-06	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.1E-07	2.5E-06	6.9E-07	1.0E-07	2.0E-07	4.3E-08	3.7E-06
814	UCART1	593567.6	4123679.92	593567.59, 4123679.92	6.81E-03	9.60E-04	2.4E-06	7.1E-06	1.0E-06	5.8E-07	5.3E-07	2.4E-07	9.3E-08	2.2E-06	5.9E-07	8.9E-08	1.7E-07	3.7E-08	3.2E-06
815	UCART1	593607.6	4123679.92	593607.59, 4123679.92	5.98E-03	8.26E-04	2.1E-06	6.3E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	8.1E-08	2.0E-06	5.1E-07	7.7E-08	1.5E-07	3.1E-08	2.8E-06
816	UCART1	593647.6	4123679.92	593647.59, 4123679.92	5.23E-03	7.16E-04	1.8E-06	5.5E-06	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.1E-08	1.7E-06	4.4E-07	6.6E-08	1.3E-07	2.7E-08	2.5E-06
817	UCART1	593687.6	4123679.92	593687.59, 4123679.92	4.57E-03	6.25E-04	1.6E-06	4.8E-06	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.2E-08	1.5E-06	3.9E-07	5.8E-08	1.1E-07	2.4E-08	2.1E-06
818	UCART1	593727.6	4123679.92	593727.59, 4123679.92	4.00E-03	5.49E-04	1.4E-06	4.2E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.4E-08	1.3E-06	3.4E-07	5.1E-08	9.9E-08	2.1E-08	1.9E-06
819	UCART1	593767.6	4123679.92	593767.59, 4123679.92	3.52E-03	4.85E-04	1.2E-06	3.7E-06	5.1E-07	2.9E-07	2.7E-07	1.2E-07	4.8E-08	1.2E-06	3.0E-07	4.5E-08	8.8E-08	1.8E-08	1.7E-06
820	UCART1	593807.6	4123679.92	593807.59, 4123679.92	3.11E-03	4.29E-04	1.1E-06	3.3E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.2E-08	1.0E-06	2.6E-07	4.0E-08	7.8E-08	1.6E-08	1.5E-06
821	UCART1	593847.6	4123679.92	593847.59, 4123679.92	2.76E-03	3.83E-04	9.6E-07	2.9E-06	4.0E-07	2.3E-07	2.1E-07	9.6E-08	3.8E-08	9.1E-07	2.4E-07	3.5E-08	6.9E-08	1.5E-08	1.3E-06
822	UCART1	593887.6	4123679.92	593887.59, 4123679.92	2.46E-03	3.42E-04	8.5E-07	2.6E-06	3.6E-07	2.1E-07	1.9E-07	8.6E-08	3.3E-08	8.1E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	1.2E-06
823	UCART1	593927.6	4123679.92	593927.59, 4123679.92	2.21E-03	3.09E-04	7.6E-07	2.3E-06	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.0E-08	7.3E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.0E-06
824	UCART1	593967.6	4123679.92	593967.59, 4123679.92	1.99E-03	2.80E-04	6.9E-07	2.1E-06	2.9E-07	1.7E-07	1.5E-07	7.0E-08	2.7E-08	6.5E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	9.4E-07
825	UCART1	594007.6	4123679.92	594007.59, 4123679.92	1.80E-03	2.55E-04	6.2E-07	1.9E-06	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.5E-08	5.9E-07	1.6E-07	2.4E-08	4.6E-08	9.7E-09	8.5E-07
826	UCART1	593087.6	4123719.92	593087.59, 4123719.92	9.75E-03	2.02E-03	3.4E-06	1.0E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.3E-07	3.2E-06	1.2E-06	1.9E-07	3.6E-07	7.7E-08	5.2E-06
827	UCART1	593127.6	4123719.92	593127.59, 4123719.92	1.00E-02	2.16E-03	3.5E-06	1.0E-05	2.3E-06	1.3E-06	1.2E-06	5.4E-07	1.4E-07	3.3E-06	1.3E-06	2.0E-07	3.9E-07	8.2E-08	5.4E-06
828	UCART1	593167.6	4123719.92	593167.59, 4123719.92	1.02E-02	2.23E-03	3.5E-06	1.1E-05	2.3E-06	1.4E-06	1.2E-06	5.6E-07	1.4E-07	3.3E-06	1.4E-06	2.1E-07	4.0E-07	8.5E-08	5.6E-06
829	UCART1	593207.6	4123719.92	593207.59, 4123719.92	1.03E-02	2.23E-03	3.6E-06	1.1E-05	2.3E-06	1.4E-06	1.2E-06	5.6E-07	1.4E-07	3.4E-06	1.4E-06	2.1E-07	4.0E-07	8.5E-08	5.6E-06
830	UCART1	593247.6	4123719.92	593247.59, 4123719.92	1.03E-02	2.18E-03	3.6E-06	1.1E-05	2.3E-06	1.3E-06	1.2E-06	5.5E-07	1.4E-07	3.4E-06	1.3E-06	2.0E-07	3.9E-07	8.3E-08	5.5E-06
831	UCART1	593287.6	4123719.92	593287.59, 4123719.92	9.96E-03	2.09E-03	3.4E-06	1.0E-05	2.2E-06	1.3E-06	1.1E-06	5.2E-07	1.4E-07	3.3E-06	1.3E-06	1.9E-07	3.8E-07	8.0E-08	5.3E-06
832	UCART1	593327.6	4123719.92	593327.59, 4123719.92	9.47E-03	1.95E-03	3.3E-06	9.9E-06	2.0E-06	1.2E-06	1.1E-06	4.9E-07	1.3E-07	3.1E-06	1.2E-06	1.8E-07	3.5E-07	7.4E-08	5.0E-06
833	UCART1	593367.6	4123719.92	593367.59, 4123719.92	8.81E-03	1.73E-03	3.1E-06	9.2E-06	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.2E-07	2.9E-06	1.1E-06	1.6E-07	3.1E-07	6.6E-08	4.6E-06
834	UCART1	593407.6	4123719.92	593407.59, 4123719.92	8.09E-03	1.47E-03	2.8E-06	8.5E-06	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.1E-07	2.7E-06	9.1E-07	1.4E-07	2.7E-07	5.6E-08	4.1E-06
835	UCART1	593447.6	4123719.92	593447.59, 4123719.92	7.43E-03	1.23E-03	2.6E-06	7.8E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.0E-07	2.4E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	3.7E-06
836	UCART1	593487.6	4123719.92	593487.59, 4123719.92	6.77E-03	1.04E-03	2.3E-06	7.1E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	9.2E-08	2.2E-06	6.4E-07	9.7E-08	1.9E-07	4.0E-08	3.3E-06
837	UCART1	593527.6	4123719.92	593527.59, 4123719.92	6.08E-03	9.01E-04	2.1E-06	6.4E-06	9.4E-07	5.4E-07	4.9E-07	2.3E-07	8.3E-08	2.0E-06	5.5E-07	8.3E-08	1.6E-07	3.4E-08	2.9E-06
838	UCART1	593567.6	4123719.92	593567.59, 4123719.92	5.42E-03	7.85E-04	1.9E-06	5.7E-06	8.2E-07	4.8E-07	4.3E-07	2.0E-07	7.4E-08	1.8E-06	4.8E-07	7.3E-08	1.4E-07	3.0E-08	2.6E-06
839	UCART1	593607.6	4123719.92	593607.59, 4123719.92	4.81E-03	6.87E-04	1.7E-06	5.0E-06	7.2E-07	4.2E-07	3.8E-07	1.7E-07	6.5E-08	1.6E-06	4.2E-07	6.4E-08	1.2E-07	2.6E-08	2.3E-06
840	UCART1	593647.6	4123719.92	593647.59, 4123719.92	4.27E-03	6.06E-04	1.5E-06	4.5E-06	6.3E-07	3.7E-07	3.3E-07	1.5E-07	5.8E-08	1.4E-06	3.7E-07	5.6E-08	1.1E-07	2.3E-08	2.0E-06
841	UCART1	593687.6	4123719.92	593687.59, 4123719.92	3.79E-03	5.38E-04	1.3E-06	4.0E-06	5.6E-07	3.3E-07	3.0E-07	1.3E-07	5.2E-08	1.2E-06	3.3E-07	5.0E-08	9.7E-08	2.0E-08	1.8E-06
842	UCART1	593727.6	4123719.92	593727.59, 4123719.92	3.37E-03	4.79E-04	1.2E-06	3.5E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	4.6E-08	1.1E-06	3.0E-07	4.4E-08	8.7E-08	1.8E-08	1.6E-06
843	UCART1	593767.6	4123719.92	593767.59, 4123719.92	3.02E-03	4.29E-04	1.0E-06	3.2E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.1E-08	9.9E-07	2.6E-07	4.0E-08	7.8E-08	1.6E-08	1.4E-06
844	UCART1	593807.6	4123719.92	593807.59, 4123719.92	2.71E-03	3.86E-04	9.4E-07	2.8E-06	4.0E-07	2.3E-07	2.1E-07	9.6E-08	3.7E-08	8.9E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	1.3E-06
845	UCART1	593847.6	4123719.92	593847.59, 4123719.92	2.44E-03	3.47E-04	8.4E-07	2.5E-06	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.3E-08	8.0E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	1.2E-06
846	UCART1	593887.6	4123719.92	593887.59, 4123719.92	2.20E-03	3.14E-04	7.6E-07	2.3E-06	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.0E-08	7.2E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	1.0E-06
847	UCART1	593927.6	4123719.92	593927.59, 4123719.92	2.00E-03	2.86E-04	6.9E-07	2.1E-06	3.0E-07	1.7E-07	1.6E-07	7.2E-08	2.7E-08	6.6E-07	1.8E-07	2.7E-08	5.2E-08	1.1E-08	9.5E-07
848	UCART1	593967.6	4123719.92	593967.59, 4123719.92	1.82E-03	2.61E-04	6.3E-07	1.9E-06	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.5E-08	6.0E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	8.7E-07
849	UCART1	594007.6	4123719.92	594007.59, 4123719.92	1.67E-03	2.39E-04	5.8E-07	1.7E-06	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.3E-08	5.5E-07	1.5E-07	2.2E-08	4.3E-08	9.1E-09	7.9E-07
850	UCART1	593087.6	4123759.92	593087.59, 4123759.92	8.03E-03	1.68E-03	2.8E-06	8.4E-06	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.1E-07	2.6E-06	1.0E-06	1.6E-07	3.0E-07	6.4E-08	4.3E-06
851	UCART1	593127.6	4123759.92	593127.59, 4123759.92	8.11E-03	1.73E-03	2.8E-06	8.5E-06	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.1E-07	2.7E-06	1.1E-06	1.6E-07	3.1E-07	6.6E-08	4.4E-06
852	UCART1	593167.6	4123759.92	593167.59, 4123759.92	8.18E-03	1.73E-03	2.8E-06	8.6E-06	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.1E-07	2.7E-06	1.1E-06	1.6E-07	3.1E-07	6.6E-08	4.4E-06
853	UCART1	593207.6	4123759.92	593207.59, 4123759.92	8.22E-03	1.70E-03	2.8E-06	8.6E-06	1.8E-06	1.0E-06	9.3E-07	4.3E-07	1.1E-07	2.7E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	4.4E-06
854	UCART1	593247.6	4123759.92	593247.59, 4123759.92	8.10E-03	1.65E-03	2.8E-06	8.5E-06	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.1E-07	2.7E-06	1.0E-06	1.5E-07	3.0E-07	6.3E-08	4.3E-06

OPERATIONAL RISK (UNMITIGATED)

855	UCART1	593287.6	4123759.92	593287.59, 4123759.92	7.79E-03	1.58E-03	2.7E-06	8.1E-06	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.1E-07	2.6E-06	9.7E-07	1.5E-07	2.9E-07	6.0E-08	4.1E-06
856	UCART1	593327.6	4123759.92	593327.59, 4123759.92	7.40E-03	1.47E-03	2.6E-06	7.7E-06	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.0E-07	2.4E-06	9.0E-07	1.4E-07	2.7E-07	5.6E-08	3.9E-06
857	UCART1	593367.6	4123759.92	593367.59, 4123759.92	6.91E-03	1.31E-03	2.4E-06	7.2E-06	1.4E-06	7.9E-07	7.2E-07	3.3E-07	9.4E-08	2.3E-06	8.1E-07	1.2E-07	2.4E-07	5.0E-08	3.6E-06
858	UCART1	593407.6	4123759.92	593407.59, 4123759.92	6.36E-03	1.14E-03	2.2E-06	6.6E-06	1.2E-06	6.9E-07	6.3E-07	2.9E-07	8.6E-08	2.1E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	3.2E-06
859	UCART1	593447.6	4123759.92	593447.59, 4123759.92	5.87E-03	9.75E-04	2.0E-06	6.1E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	8.0E-08	1.9E-06	6.0E-07	9.0E-08	1.8E-07	3.7E-08	2.9E-06
860	UCART1	593487.6	4123759.92	593487.59, 4123759.92	5.40E-03	8.42E-04	1.9E-06	5.6E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	7.4E-08	1.8E-06	5.2E-07	7.8E-08	1.5E-07	3.2E-08	2.6E-06
861	UCART1	593527.6	4123759.92	593527.59, 4123759.92	4.92E-03	7.37E-04	1.7E-06	5.1E-06	7.7E-07	4.5E-07	4.0E-07	1.8E-07	6.7E-08	1.6E-06	4.5E-07	6.8E-08	1.3E-07	2.8E-08	2.4E-06
862	UCART1	593567.6	4123759.92	593567.59, 4123759.92	4.43E-03	6.54E-04	1.5E-06	4.6E-06	6.8E-07	4.0E-07	3.6E-07	1.6E-07	6.0E-08	1.5E-06	4.0E-07	6.1E-08	1.2E-07	2.5E-08	2.1E-06
863	UCART1	593607.6	4123759.92	593607.59, 4123759.92	3.97E-03	5.81E-04	1.4E-06	4.2E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	5.4E-08	1.3E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	1.9E-06
864	UCART1	593647.6	4123759.92	593647.59, 4123759.92	3.56E-03	5.19E-04	1.2E-06	3.7E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	4.8E-08	1.2E-06	3.2E-07	4.8E-08	9.4E-08	2.0E-08	1.7E-06
865	UCART1	593687.6	4123759.92	593687.59, 4123759.92	3.20E-03	4.66E-04	1.1E-06	3.3E-06	4.9E-07	2.8E-07	2.6E-07	1.2E-07	4.3E-08	1.1E-06	2.9E-07	4.3E-08	8.4E-08	1.8E-08	1.5E-06
866	UCART1	593727.6	4123759.92	593727.59, 4123759.92	2.88E-03	4.20E-04	1.0E-06	3.0E-06	4.4E-07	2.5E-07	2.3E-07	1.1E-07	3.9E-08	9.5E-07	2.6E-07	3.9E-08	7.6E-08	1.6E-08	1.4E-06
867	UCART1	593767.6	4123759.92	593767.59, 4123759.92	2.61E-03	3.81E-04	9.0E-07	2.7E-06	4.0E-07	2.3E-07	2.1E-07	9.5E-08	3.5E-08	8.6E-07	2.3E-07	3.5E-08	6.9E-08	1.4E-08	1.2E-06
868	UCART1	593807.6	4123759.92	593807.59, 4123759.92	2.37E-03	3.45E-04	8.2E-07	2.5E-06	3.6E-07	2.1E-07	1.9E-07	8.6E-08	3.2E-08	7.8E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	1.1E-06
869	UCART1	593847.6	4123759.92	593847.59, 4123759.92	2.16E-03	3.15E-04	7.5E-07	2.3E-06	3.3E-07	1.9E-07	1.7E-07	7.9E-08	2.9E-08	7.1E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	1.0E-06
870	UCART1	593887.6	4123759.92	593887.59, 4123759.92	1.98E-03	2.88E-04	6.8E-07	2.1E-06	3.0E-07	1.7E-07	1.6E-07	7.2E-08	2.7E-08	6.5E-07	1.8E-07	2.7E-08	5.2E-08	1.1E-08	9.4E-07
871	UCART1	593927.6	4123759.92	593927.59, 4123759.92	1.81E-03	2.64E-04	6.3E-07	1.9E-06	2.8E-07	1.6E-07	1.5E-07	6.6E-08	2.5E-08	6.0E-07	1.6E-07	2.5E-08	4.8E-08	1.0E-08	8.7E-07
872	UCART1	593967.6	4123759.92	593967.59, 4123759.92	1.67E-03	2.43E-04	5.8E-07	1.7E-06	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.3E-08	5.5E-07	1.5E-07	2.3E-08	4.4E-08	9.2E-09	8.0E-07
873	UCART1	594007.6	4123759.92	594007.59, 4123759.92	1.54E-03	2.24E-04	5.3E-07	1.6E-06	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.1E-08	5.1E-07	1.4E-07	2.1E-08	4.1E-08	8.5E-09	7.3E-07
874	UCART1	593087.6	4123799.92	593087.59, 4123799.92	6.67E-03	1.38E-03	2.3E-06	7.0E-06	1.4E-06	8.4E-07	7.6E-07	3.5E-07	9.1E-08	2.2E-06	8.5E-07	1.3E-07	2.5E-07	5.3E-08	3.6E-06
875	UCART1	593127.6	4123799.92	593127.59, 4123799.92	6.69E-03	1.39E-03	2.3E-06	7.0E-06	1.5E-06	8.4E-07	7.6E-07	3.5E-07	9.1E-08	2.2E-06	8.6E-07	1.3E-07	2.5E-07	5.3E-08	3.6E-06
876	UCART1	593167.6	4123799.92	593167.59, 4123799.92	6.72E-03	1.37E-03	2.3E-06	7.0E-06	1.4E-06	8.3E-07	7.5E-07	3.4E-07	9.1E-08	2.2E-06	8.4E-07	1.3E-07	2.5E-07	5.2E-08	3.6E-06
877	UCART1	593207.6	4123799.92	593207.59, 4123799.92	6.69E-03	1.34E-03	2.3E-06	7.0E-06	1.4E-06	8.1E-07	7.3E-07	3.3E-07	9.1E-08	2.2E-06	8.2E-07	1.2E-07	2.4E-07	5.1E-08	3.5E-06
878	UCART1	593247.6	4123799.92	593247.59, 4123799.92	6.53E-03	1.29E-03	2.3E-06	6.8E-06	1.4E-06	7.8E-07	7.1E-07	3.2E-07	8.9E-08	2.1E-06	8.0E-07	1.2E-07	2.3E-07	4.9E-08	3.4E-06
879	UCART1	593287.6	4123799.92	593287.59, 4123799.92	6.25E-03	1.24E-03	2.2E-06	6.5E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	8.5E-08	2.1E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	3.3E-06
880	UCART1	593327.6	4123799.92	593327.59, 4123799.92	5.94E-03	1.15E-03	2.1E-06	6.2E-06	1.2E-06	7.0E-07	6.3E-07	2.9E-07	8.1E-08	2.0E-06	7.1E-07	1.1E-07	2.1E-07	4.4E-08	3.1E-06
881	UCART1	593367.6	4123799.92	593367.59, 4123799.92	5.57E-03	1.03E-03	1.9E-06	5.8E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	7.6E-08	1.8E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	2.9E-06
882	UCART1	593407.6	4123799.92	593407.59, 4123799.92	5.14E-03	9.11E-04	1.8E-06	5.4E-06	9.5E-07	5.5E-07	5.0E-07	2.3E-07	7.0E-08	1.7E-06	5.6E-07	8.4E-08	1.6E-07	3.5E-08	2.6E-06
883	UCART1	593447.6	4123799.92	593447.59, 4123799.92	4.75E-03	7.94E-04	1.6E-06	5.0E-06	8.3E-07	4.8E-07	4.4E-07	2.0E-07	6.5E-08	1.6E-06	4.9E-07	7.4E-08	1.4E-07	3.0E-08	2.4E-06
884	UCART1	593487.6	4123799.92	593487.59, 4123799.92	4.41E-03	6.94E-04	1.5E-06	4.6E-06	7.3E-07	4.2E-07	3.8E-07	1.7E-07	6.0E-08	1.4E-06	4.3E-07	6.4E-08	1.3E-07	2.6E-08	2.2E-06
885	UCART1	593527.6	4123799.92	593527.59, 4123799.92	4.07E-03	6.16E-04	1.4E-06	4.3E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	5.5E-08	1.3E-06	3.8E-07	5.7E-08	1.1E-07	2.3E-08	2.0E-06
886	UCART1	593567.6	4123799.92	593567.59, 4123799.92	3.71E-03	5.52E-04	1.3E-06	3.9E-06	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.0E-08	1.2E-06	3.4E-07	5.1E-08	1.0E-07	2.1E-08	1.8E-06
887	UCART1	593607.6	4123799.92	593607.59, 4123799.92	3.36E-03	4.98E-04	1.2E-06	3.5E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	4.6E-08	1.1E-06	3.1E-07	4.6E-08	9.0E-08	1.9E-08	1.6E-06
888	UCART1	593647.6	4123799.92	593647.59, 4123799.92	3.03E-03	4.49E-04	1.0E-06	3.2E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.1E-08	1.0E-06	2.8E-07	4.2E-08	8.1E-08	1.7E-08	1.5E-06
889	UCART1	593687.6	4123799.92	593687.59, 4123799.92	2.74E-03	4.07E-04	9.5E-07	2.9E-06	4.3E-07	2.5E-07	2.2E-07	1.0E-07	3.7E-08	9.0E-07	2.5E-07	3.8E-08	7.4E-08	1.5E-08	1.3E-06
890	UCART1	593727.6	4123799.92	593727.59, 4123799.92	2.50E-03	3.71E-04	8.6E-07	2.6E-06	3.9E-07	2.2E-07	2.0E-07	9.3E-08	3.4E-08	8.2E-07	2.3E-07	3.4E-08	6.7E-08	1.4E-08	1.2E-06
891	UCART1	593767.6	4123799.92	593767.59, 4123799.92	2.28E-03	3.39E-04	7.9E-07	2.4E-06	3.5E-07	2.0E-07	1.9E-07	8.5E-08	3.1E-08	7.5E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	1.1E-06
892	UCART1	593807.6	4123799.92	593807.59, 4123799.92	2.09E-03	3.10E-04	7.2E-07	2.2E-06	3.2E-07	1.9E-07	1.7E-07	7.8E-08	2.8E-08	6.9E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	1.0E-06
893	UCART1	593847.6	4123799.92	593847.59, 4123799.92	1.93E-03	2.86E-04	6.7E-07	2.0E-06	3.0E-07	1.7E-07	1.6E-07	7.2E-08	2.6E-08	6.3E-07	1.8E-07	2.6E-08	5.2E-08	1.1E-08	9.2E-07
894	UCART1	593887.6	4123799.92	593887.59, 4123799.92	1.78E-03	2.64E-04	6.2E-07	1.9E-06	2.8E-07	1.6E-07	1.4E-07	6.6E-08	2.4E-08	5.8E-07	1.6E-07	2.4E-08	4.8E-08	1.0E-08	8.5E-07
895	UCART1	593927.6	4123799.92	593927.59, 4123799.92	1.65E-03	2.44E-04	5.7E-07	1.7E-06	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.2E-08	5.4E-07	1.5E-07	2.3E-08	4.4E-08	9.3E-09	7.9E-07
896	UCART1	593967.6	4123799.92	593967.59, 4123799.92	1.52E-03	2.26E-04	5.3E-07	1.6E-06	2.4E-07	1.4E-07	1.2E-07	5.6E-08	2.1E-08	5.0E-07	1.4E-07	2.1E-08	4.1E-08	8.6E-09	7.3E-07
897	UCART1	594007.6	4123799.92	594007.59, 4123799.92	1.42E-03	2.10E-04	4.9E-07	1.5E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	1.9E-08	4.7E-07	1.3E-07	1.9E-08	3.8E-08	8.0E-09	6.8E-07
898	UCART1	593087.6	4123839.92	593087.59, 4123839.92	5.60E-03	1.14E-03	1.9E-06	5.9E-06	1.2E-06	6.9E-07	6.3E-07	2.9E-07	7.6E-08	1.8E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	3.0E-06
899	UCART1	593127.6	4123839.92	593127.59, 4123839.92	5.60E-03	1.13E-03	1.9E-06	5.9E-06	1.2E-06	6.8E-07	6.2E-07	2.8E-07	7.6E-08	1.8E-06	7.0E-07	1.0E-07	2.0E-07	4.3E-08	3.0E-06
900	UCART1	593167.6	4123839.92	593167.59, 4123839.92	5.60E-03	1.11E-03	1.9E-06	5.9E-06	1.2E-06	6.7E-07	6.1E-07	2.8E-07	7.6E-08	1.8E-06	6.8E-07	1.0E-07	2.0E-07	4.2E-08	2.9E-06
901	UCART1	593207.6	4123839.92	593207.59, 4123839.92	5.54E-03	1.08E-03	1.9E-06	5.8E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	7.5E-08	1.8E-06	6.6E-07	1.0E-07	1.9E-07	4.1E-08	2.9E-06
902	UCART1	593247.6	4123839.92	593247.59, 4123839.92	5.36E-03	1.04E-03	1.9E-06	5.6E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	7.3E-08	1.8E-06	6.4E-07	9.7E-08	1.9E-07	4.0E-08	2.8E-06
903	UCART1	593287.6	4123839.92	593287.59, 4123839.92	5.12E-03	9.94E-04	1.8E-06	5.4E-06	1.0E-06	6.0E-07	5.5E-07	2.5E-07	7.0E-08	1.7E-06	6.1E-07	9.2E-08	1.8E-07	3.8E-08	2.7E-06
904	UCART1	593327.6	4123839.92	593327.59, 4123839.92	4.88E-03	9.25E-04	1.7E-06	5.1E-06	9.7E-07	5.6E-07	5.1E-07	2.3E-07	6.6E-08	1.6E-06	5.7E-07	8.6E-08	1.7E-07	3.5E-08	2.5E-06
905	UCART1	593367.6	4123839.92	593367.59, 4123839.92	4.59E-03	8.38E-04	1.6E-06	4.8E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	6.2E-08	1.5E-06	5.2E-07	7.8E-08	1.5E-07	3.2E-08	2.3E-06
906	UCART1	593407.6	4123839.92	593407.59, 4123839.92	4.25E-03	7.46E-04	1.5E-06	4.4E-06	7.8E-07	4.5E-07	4.1E-07	1.9E-07	5.8E-08	1.4E-06	4.6E-07	6.9E-08	1.4E-07	2.8E-08	2.1E-06
907	UCART1	593447.6	4123839.92	593447.59, 4123839.92	3.94E-03	6.60E-04	1.4E-06	4.1E-06	6.9E-07	4.0E-07	3.6E-07	1.7E-07	5.4E-08	1.3E-06	4.1E-07	6.1E-08	1.2E-07	2.5E-08	2.0E-06
908	UCART1	593487.6	4123839.92	593487.59, 4123839.92	3.67E-03	5.84E-04	1.3E-06	3.8E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	5.0E-08	1.2E-06	3.6E-07	5.4E-08	1.1E-07	2.2E-08	1.8E-06

OPERATIONAL RISK (UNMITIGATED)

909	UCART1	593527.6	4123839.92	593527.59, 4123839.92	3.42E-03	5.23E-04	1.2E-06	3.6E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	4.7E-08	1.1E-06	3.2E-07	4.8E-08	9.5E-08	2.0E-08	1.7E-06
910	UCART1	593567.6	4123839.92	593567.59, 4123839.92	3.15E-03	4.73E-04	1.1E-06	3.3E-06	4.9E-07	2.9E-07	2.6E-07	1.2E-07	4.3E-08	1.0E-06	2.9E-07	4.4E-08	8.6E-08	1.8E-08	1.5E-06
911	UCART1	593607.6	4123839.92	593607.59, 4123839.92	2.88E-03	4.31E-04	1.0E-06	3.0E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	3.9E-08	9.5E-07	2.7E-07	4.0E-08	7.8E-08	1.6E-08	1.4E-06
912	UCART1	593647.6	4123839.92	593647.59, 4123839.92	2.62E-03	3.93E-04	9.1E-07	2.7E-06	4.1E-07	2.4E-07	2.2E-07	9.8E-08	3.6E-08	8.6E-07	2.4E-07	3.6E-08	7.1E-08	1.5E-08	1.3E-06
913	UCART1	593687.6	4123839.92	593687.59, 4123839.92	2.39E-03	3.59E-04	8.3E-07	2.5E-06	3.8E-07	2.2E-07	2.0E-07	9.0E-08	3.3E-08	7.9E-07	2.2E-07	3.3E-08	6.5E-08	1.4E-08	1.2E-06
914	UCART1	593727.6	4123839.92	593727.59, 4123839.92	2.19E-03	3.30E-04	7.6E-07	2.3E-06	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.0E-08	7.2E-07	2.0E-07	3.1E-08	6.0E-08	1.3E-08	1.1E-06
915	UCART1	593767.6	4123839.92	593767.59, 4123839.92	2.01E-03	3.03E-04	7.0E-07	2.1E-06	3.2E-07	1.8E-07	1.7E-07	7.6E-08	2.7E-08	6.6E-07	1.9E-07	2.8E-08	5.5E-08	1.2E-08	9.7E-07
916	UCART1	593807.6	4123839.92	593807.59, 4123839.92	1.86E-03	2.81E-04	6.4E-07	1.9E-06	2.9E-07	1.7E-07	1.5E-07	7.0E-08	2.5E-08	6.1E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	9.0E-07
917	UCART1	593847.6	4123839.92	593847.59, 4123839.92	1.73E-03	2.60E-04	6.0E-07	1.8E-06	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.3E-08	5.7E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	8.3E-07
918	UCART1	593887.6	4123839.92	593887.59, 4123839.92	1.60E-03	2.41E-04	5.6E-07	1.7E-06	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.2E-08	5.3E-07	1.5E-07	2.2E-08	4.4E-08	9.2E-09	7.7E-07
919	UCART1	593927.6	4123839.92	593927.59, 4123839.92	1.49E-03	2.24E-04	5.2E-07	1.6E-06	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.0E-08	4.9E-07	1.4E-07	2.1E-08	4.1E-08	8.5E-09	7.2E-07
920	UCART1	593967.6	4123839.92	593967.59, 4123839.92	1.39E-03	2.09E-04	4.8E-07	1.5E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	1.9E-08	4.6E-07	1.3E-07	1.9E-08	3.8E-08	8.0E-09	6.7E-07
921	UCART1	594007.6	4123839.92	594007.59, 4123839.92	1.30E-03	1.95E-04	4.5E-07	1.4E-06	2.0E-07	1.2E-07	1.1E-07	4.9E-08	1.8E-08	4.3E-07	1.2E-07	1.8E-08	3.5E-08	7.4E-09	6.3E-07
922	UCART1	593087.6	4123879.92	593087.59, 4123879.92	4.76E-03	9.51E-04	1.6E-06	5.0E-06	9.9E-07	5.8E-07	5.2E-07	2.4E-07	6.5E-08	1.6E-06	5.9E-07	8.8E-08	1.7E-07	3.6E-08	2.5E-06
923	UCART1	593127.6	4123879.92	593127.59, 4123879.92	4.75E-03	9.34E-04	1.6E-06	5.0E-06	9.8E-07	5.7E-07	5.1E-07	2.3E-07	6.5E-08	1.6E-06	5.8E-07	8.7E-08	1.7E-07	3.6E-08	2.5E-06
924	UCART1	593167.6	4123879.92	593167.59, 4123879.92	4.73E-03	9.13E-04	1.6E-06	4.9E-06	9.5E-07	5.5E-07	5.0E-07	2.3E-07	6.4E-08	1.6E-06	5.6E-07	8.5E-08	1.7E-07	3.5E-08	2.5E-06
925	UCART1	593207.6	4123879.92	593207.59, 4123879.92	4.65E-03	8.89E-04	1.6E-06	4.9E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	6.3E-08	1.5E-06	5.5E-07	8.2E-08	1.6E-07	3.4E-08	2.4E-06
926	UCART1	593247.6	4123879.92	593247.59, 4123879.92	4.48E-03	8.60E-04	1.5E-06	4.7E-06	9.0E-07	5.2E-07	4.7E-07	2.2E-07	6.1E-08	1.5E-06	5.3E-07	8.0E-08	1.6E-07	3.3E-08	2.3E-06
927	UCART1	593287.6	4123879.92	593287.59, 4123879.92	4.27E-03	8.17E-04	1.5E-06	4.5E-06	8.5E-07	4.9E-07	4.5E-07	2.0E-07	5.8E-08	1.4E-06	5.0E-07	7.6E-08	1.5E-07	3.1E-08	2.2E-06
928	UCART1	593327.6	4123879.92	593327.59, 4123879.92	4.08E-03	7.60E-04	1.4E-06	4.3E-06	7.9E-07	4.6E-07	4.2E-07	1.9E-07	5.5E-08	1.3E-06	4.7E-07	7.0E-08	1.4E-07	2.9E-08	2.1E-06
929	UCART1	593367.6	4123879.92	593367.59, 4123879.92	3.86E-03	6.94E-04	1.3E-06	4.0E-06	7.3E-07	4.2E-07	3.8E-07	1.7E-07	5.2E-08	1.3E-06	4.3E-07	6.4E-08	1.3E-07	2.6E-08	2.0E-06
930	UCART1	593407.6	4123879.92	593407.59, 4123879.92	3.58E-03	6.24E-04	1.2E-06	3.7E-06	6.5E-07	3.8E-07	3.4E-07	1.6E-07	4.9E-08	1.2E-06	3.8E-07	5.8E-08	1.1E-07	2.4E-08	1.8E-06
931	UCART1	593447.6	4123879.92	593447.59, 4123879.92	3.32E-03	5.58E-04	1.2E-06	3.5E-06	5.8E-07	3.4E-07	3.1E-07	1.4E-07	4.5E-08	1.1E-06	3.4E-07	5.2E-08	1.0E-07	2.1E-08	1.7E-06
932	UCART1	593487.6	4123879.92	593487.59, 4123879.92	3.11E-03	4.99E-04	1.1E-06	3.2E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	4.2E-08	1.0E-06	3.1E-07	4.6E-08	9.0E-08	1.9E-08	1.5E-06
933	UCART1	593527.6	4123879.92	593527.59, 4123879.92	2.91E-03	4.50E-04	1.0E-06	3.0E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.0E-08	9.6E-07	2.8E-07	4.2E-08	8.1E-08	1.7E-08	1.4E-06
934	UCART1	593567.6	4123879.92	593567.59, 4123879.92	2.71E-03	4.10E-04	9.4E-07	2.8E-06	4.3E-07	2.5E-07	2.3E-07	1.0E-07	3.7E-08	8.9E-07	2.5E-07	3.8E-08	7.4E-08	1.6E-08	1.3E-06
935	UCART1	593607.6	4123879.92	593607.59, 4123879.92	2.50E-03	3.77E-04	8.7E-07	2.6E-06	3.9E-07	2.3E-07	2.1E-07	9.4E-08	3.4E-08	8.2E-07	2.3E-07	3.5E-08	6.8E-08	1.4E-08	1.2E-06
936	UCART1	593647.6	4123879.92	593647.59, 4123879.92	2.30E-03	3.47E-04	8.0E-07	2.4E-06	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.1E-08	7.6E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	1.1E-06
937	UCART1	593687.6	4123879.92	593687.59, 4123879.92	2.11E-03	3.20E-04	7.3E-07	2.2E-06	3.3E-07	1.9E-07	1.8E-07	8.0E-08	2.9E-08	6.9E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	1.0E-06
938	UCART1	593727.6	4123879.92	593727.59, 4123879.92	1.94E-03	2.96E-04	6.7E-07	2.0E-06	3.1E-07	1.8E-07	1.6E-07	7.4E-08	2.6E-08	6.4E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	9.4E-07
939	UCART1	593767.6	4123879.92	593767.59, 4123879.92	1.80E-03	2.74E-04	6.2E-07	1.9E-06	2.9E-07	1.7E-07	1.5E-07	6.9E-08	2.4E-08	5.9E-07	1.7E-07	2.5E-08	5.0E-08	1.0E-08	8.7E-07
940	UCART1	593807.6	4123879.92	593807.59, 4123879.92	1.67E-03	2.55E-04	5.8E-07	1.7E-06	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.3E-08	5.5E-07	1.6E-07	2.4E-08	4.6E-08	9.7E-09	8.1E-07
941	UCART1	593847.6	4123879.92	593847.59, 4123879.92	1.56E-03	2.37E-04	5.4E-07	1.6E-06	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.1E-08	5.1E-07	1.5E-07	2.2E-08	4.3E-08	9.0E-09	7.5E-07
942	UCART1	593887.6	4123879.92	593887.59, 4123879.92	1.46E-03	2.21E-04	5.0E-07	1.5E-06	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.0E-08	4.8E-07	1.4E-07	2.0E-08	4.0E-08	8.4E-09	7.0E-07
943	UCART1	593927.6	4123879.92	593927.59, 4123879.92	1.36E-03	2.07E-04	4.7E-07	1.4E-06	2.2E-07	1.3E-07	1.1E-07	5.2E-08	1.9E-08	4.5E-07	1.3E-07	1.9E-08	3.7E-08	7.9E-09	6.6E-07
944	UCART1	593967.6	4123879.92	593967.59, 4123879.92	1.28E-03	1.94E-04	4.4E-07	1.3E-06	2.0E-07	1.2E-07	1.1E-07	4.8E-08	1.7E-08	4.2E-07	1.2E-07	1.8E-08	3.5E-08	7.4E-09	6.2E-07
945	UCART1	594007.6	4123879.92	594007.59, 4123879.92	1.20E-03	1.82E-04	4.2E-07	1.3E-06	1.9E-07	1.1E-07	1.0E-07	4.6E-08	1.6E-08	4.0E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	5.8E-07
946	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
947	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
948	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
949	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
950	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
951	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
952	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
953	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
954	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
955	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
956	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
957	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
958	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
959	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
960	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
961	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
962	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

OPERATIONAL RISK (UNMITIGATED)

963	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
964	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
965	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
966	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
967	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
968	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
969	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
970	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
971	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
972	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
973	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
974	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
975	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
976	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
977	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
978	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
979	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
980	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
981	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
982	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
983	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
984	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
985	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
986	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
987	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
988	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
989	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
990	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
991	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
992	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
993	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
994	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
995	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
996	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
997	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
998	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
999	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1000	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1001	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1002	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1003	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1004	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1005	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1006	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1007	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1008	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1009	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1010	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1011	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1012	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1013	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1014	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1015	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1016	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

OPERATIONAL RISK (UNMITIGATED)

1017	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1018	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1019	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1020	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1021	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1022	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1023	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1024	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1025	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1026	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1027	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1028	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1029	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1030	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1031	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1032	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1033	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1034	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1035	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1036	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1037	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1038	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1039	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1040	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1041	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1042	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1043	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1044	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1045	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1046	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1047	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1048	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1049	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1050	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1051	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1052	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1053	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1054	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1055	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1056	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1057	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1058	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1059	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1060	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1061	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1062	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1063	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1064	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1065	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1066	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1067	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1068	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1069	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1070	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

OPERATIONAL RISK (UNMITIGATED)

1071	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1072	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1073	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1074	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1075	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1076	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1077	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1078	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1079	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1080	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1081	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1082	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1083	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1084	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1085	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1086	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1087	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1088	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1089	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1090	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1091	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1092	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1093	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1094	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1095	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1096	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1097	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1098	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1099	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1100	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1101	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1102	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1103	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1104	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1105	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1106	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1107	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1108	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1109	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1110	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1111	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1112	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1113	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1114	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1115	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1116	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1117	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1118	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1119	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1120	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1121	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1122	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1123	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1124	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

1125	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1126	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1127	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1128	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1129	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1130	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1131	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1132	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1133	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1134	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1135	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1136	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1137	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1138	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1139	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1140	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1141	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1142	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1143	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1144	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1145	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1146	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1147	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1148	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1149	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1150	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1151	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1152	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1153	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1154	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1155	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1156	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1157	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1158	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1159	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1160	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1161	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1162	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1163	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1164	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1165	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1166	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1167	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1168	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1169	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1170	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1171	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1172	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1173	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1174	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1175	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1176	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1177	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1178	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

1179	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1180	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1181	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1182	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1183	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1184	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1185	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1186	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1187	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1188	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1189	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1190	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1191	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1192	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1193	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1194	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1195	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1196	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1197	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1198	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1199	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1200	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1201	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1202	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1203	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1204	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1205	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1206	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1207	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1208	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1209	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1210	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1211	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1212	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1213	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1214	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1215	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1216	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1217	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1218	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1219	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1220	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1221	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1222	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1223	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1224	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1225	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1226	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1227	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1228	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1229	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1230	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1231	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1232	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

1233	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1234	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1235	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1236	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1237	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1238	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1239	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1240	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1241	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1242	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1243	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1244	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1245	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1246	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1247	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1248	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1249	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1250	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1251	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1252	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1253	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1254	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1255	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1256	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1257	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1258	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1259	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1260	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1261	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1262	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1263	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1264	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1265	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1266	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1267	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1268	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1269	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1270	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1271	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1272	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1273	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1274	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1275	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1276	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1277	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1278	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1279	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1280	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1281	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1282	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1283	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1284	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1285	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1286	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

OPERATIONAL RISK (UNMITIGATED)

1287	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1288	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1289	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1290	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1291	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1292	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1293	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1294	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1295	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1296	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1297	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1298	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1299	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1300	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1301	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1302	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1303	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1304	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1305	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1306	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1307	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1308	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1309	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1310	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1311	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1312	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1313	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!
1314	UCART1	#REF!	#REF!	#REF!	0.00E+00	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	0.0E+00	0.0E+00	#REF!	#REF!	#REF!	#REF!	#REF!

COMBINED RISK (MITIGATED)

Discrete Receptor ID				Concentration [ug/m^3] Construction Total	Concentration [ug/m^3] Operations Total	Residential Dose Construction 3rd Tri	Residential Dose Construction C 0<2	Residential Dose Operations O 0<2	Residential Dose Operations 2<9	Residential Dose Operations 9<16	Residential Dose Operations 16<30	Risk by Age Group Construction 3rd Tri	Risk by Age Group Construction C 0<2	Risk by Age Group Operations O 0<2	Risk by Age Group Operations 2<9	Risk by Age Group Operations 9<16	Risk by Age Group Operations 16<30	Total Risk
	X	Y	X, Y															
1 UCART3	592567.6	4122799.92	592567.59, 4122799.92	1.66E-04	6.53E-05	5.7E-08	1.7E-07	6.8E-08	4.0E-08	3.6E-08	1.6E-08	2.3E-09	5.4E-08	4.0E-08	6.1E-09	1.2E-08	2.5E-09	1.2E-07
2 UCART3	592607.6	4122799.92	592607.59, 4122799.92	1.72E-04	6.88E-05	6.0E-08	1.8E-07	7.2E-08	4.2E-08	3.8E-08	1.7E-08	2.3E-09	5.6E-08	4.2E-08	6.4E-09	1.2E-08	2.6E-09	1.2E-07
3 UCART3	592647.6	4122799.92	592647.59, 4122799.92	1.78E-04	7.22E-05	6.2E-08	1.9E-07	7.5E-08	4.4E-08	4.0E-08	1.8E-08	2.4E-09	5.9E-08	4.4E-08	6.7E-09	1.3E-08	2.7E-09	1.3E-07
4 UCART3	592687.6	4122799.92	592687.59, 4122799.92	1.86E-04	7.71E-05	6.4E-08	1.9E-07	8.1E-08	4.7E-08	4.2E-08	1.9E-08	2.5E-09	6.1E-08	4.7E-08	7.1E-09	1.4E-08	2.9E-09	1.4E-07
5 UCART3	592727.6	4122799.92	592727.59, 4122799.92	1.94E-04	8.14E-05	6.7E-08	2.0E-07	8.5E-08	4.9E-08	4.5E-08	2.0E-08	2.6E-09	6.4E-08	5.0E-08	7.5E-09	1.5E-08	3.1E-09	1.4E-07
6 UCART3	592767.6	4122799.92	592767.59, 4122799.92	2.02E-04	8.64E-05	7.0E-08	2.1E-07	9.0E-08	5.2E-08	4.7E-08	2.2E-08	2.8E-09	6.6E-08	5.3E-08	8.0E-09	1.6E-08	3.3E-09	1.5E-07
7 UCART3	592807.6	4122799.92	592807.59, 4122799.92	2.12E-04	9.20E-05	7.3E-08	2.2E-07	9.6E-08	5.6E-08	5.0E-08	2.3E-08	2.9E-09	7.0E-08	5.7E-08	8.5E-09	1.7E-08	3.5E-09	1.6E-07
8 UCART3	592847.6	4122799.92	592847.59, 4122799.92	2.21E-04	9.62E-05	7.7E-08	2.3E-07	1.0E-07	5.8E-08	5.3E-08	2.4E-08	3.0E-09	7.3E-08	5.9E-08	8.9E-09	1.7E-08	3.7E-09	1.6E-07
9 UCART3	592887.6	4122799.92	592887.59, 4122799.92	2.33E-04	1.02E-04	8.1E-08	2.4E-07	1.1E-07	6.2E-08	5.6E-08	2.6E-08	3.2E-09	7.7E-08	6.3E-08	9.5E-09	1.9E-08	3.9E-09	1.7E-07
10 UCART3	592927.6	4122799.92	592927.59, 4122799.92	2.47E-04	1.09E-04	8.5E-08	2.6E-07	1.1E-07	6.6E-08	6.0E-08	2.7E-08	3.4E-09	8.1E-08	6.7E-08	1.0E-08	2.0E-08	4.2E-09	1.9E-07
11 UCART3	592967.6	4122799.92	592967.59, 4122799.92	2.61E-04	1.16E-04	9.1E-08	2.7E-07	1.2E-07	7.0E-08	6.4E-08	2.9E-08	3.6E-09	8.6E-08	7.2E-08	1.1E-08	2.1E-08	4.4E-09	2.0E-07
12 UCART3	593007.6	4122799.92	593007.59, 4122799.92	2.76E-04	1.23E-04	9.6E-08	2.9E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	3.8E-09	9.1E-08	7.6E-08	1.1E-08	2.2E-08	4.7E-09	2.1E-07
13 UCART3	593047.6	4122799.92	593047.59, 4122799.92	2.94E-04	1.32E-04	1.0E-07	3.1E-07	1.4E-07	8.0E-08	7.2E-08	3.3E-08	4.0E-09	9.6E-08	8.1E-08	1.2E-08	2.4E-08	5.0E-09	2.2E-07
14 UCART3	593087.6	4122799.92	593087.59, 4122799.92	3.11E-04	1.41E-04	1.1E-07	3.3E-07	1.5E-07	8.5E-08	7.7E-08	3.5E-08	4.2E-09	1.0E-07	8.7E-08	1.3E-08	2.5E-08	5.3E-09	2.4E-07
15 UCART3	593127.6	4122799.92	593127.59, 4122799.92	3.32E-04	1.59E-04	1.1E-07	3.5E-07	1.7E-07	9.6E-08	8.7E-08	4.0E-08	4.5E-09	1.1E-07	9.8E-08	1.5E-08	2.9E-08	6.0E-09	2.6E-07
16 UCART3	593167.6	4122799.92	593167.59, 4122799.92	3.53E-04	1.68E-04	1.2E-07	3.7E-07	1.8E-07	1.0E-07	9.2E-08	4.2E-08	4.8E-09	1.2E-07	1.0E-07	1.6E-08	3.0E-08	6.4E-09	2.8E-07
17 UCART3	593207.6	4122799.92	593207.59, 4122799.92	3.79E-04	1.86E-04	1.3E-07	4.0E-07	1.9E-07	1.1E-07	1.0E-07	4.7E-08	5.2E-09	1.2E-07	1.1E-07	1.7E-08	3.4E-08	7.1E-09	3.0E-07
18 UCART3	593247.6	4122799.92	593247.59, 4122799.92	4.04E-04	1.95E-04	1.4E-07	4.2E-07	2.0E-07	1.2E-07	1.1E-07	4.9E-08	5.5E-09	1.3E-07	1.2E-07	1.8E-08	3.5E-08	7.4E-09	3.2E-07
19 UCART3	593287.6	4122799.92	593287.59, 4122799.92	4.25E-04	2.03E-04	1.5E-07	4.4E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	5.8E-09	1.4E-07	1.3E-07	1.9E-08	3.7E-08	7.7E-09	3.3E-07
20 UCART3	593327.6	4122799.92	593327.59, 4122799.92	4.49E-04	2.12E-04	1.6E-07	4.7E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	6.1E-09	1.5E-07	1.3E-07	2.0E-08	3.8E-08	8.1E-09	3.5E-07
21 UCART3	593367.6	4122799.92	593367.59, 4122799.92	4.83E-04	2.22E-04	1.7E-07	5.1E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	6.6E-09	1.6E-07	1.4E-07	2.1E-08	4.0E-08	8.4E-09	3.7E-07
22 UCART3	593407.6	4122799.92	593407.59, 4122799.92	5.22E-04	2.33E-04	1.8E-07	5.5E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	7.1E-09	1.7E-07	1.4E-07	2.2E-08	4.2E-08	8.9E-09	3.9E-07
23 UCART3	593447.6	4122799.92	593447.59, 4122799.92	5.47E-04	2.46E-04	1.9E-07	5.7E-07	2.6E-07	1.5E-07	1.3E-07	6.2E-08	7.4E-09	1.8E-07	1.5E-07	2.3E-08	4.5E-08	9.4E-09	4.2E-07
24 UCART3	593487.6	4122799.92	593487.59, 4122799.92	5.72E-04	2.62E-04	2.0E-07	6.0E-07	2.7E-07	1.6E-07	1.4E-07	6.5E-08	7.8E-09	1.9E-07	1.6E-07	2.4E-08	4.7E-08	1.0E-08	4.4E-07
25 UCART3	593527.6	4122799.92	593527.59, 4122799.92	6.03E-04	2.80E-04	2.1E-07	6.3E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	8.2E-09	2.0E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	4.7E-07
26 UCART3	593567.6	4122799.92	593567.59, 4122799.92	6.37E-04	2.99E-04	2.2E-07	6.7E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	8.7E-09	2.1E-07	1.8E-07	2.8E-08	5.4E-08	1.1E-08	5.0E-07
27 UCART3	593607.6	4122799.92	593607.59, 4122799.92	6.72E-04	3.20E-04	2.3E-07	7.0E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	9.1E-09	2.2E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	5.3E-07
28 UCART3	593647.6	4122799.92	593647.59, 4122799.92	7.11E-04	3.42E-04	2.5E-07	7.4E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	9.7E-09	2.3E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	5.6E-07
29 UCART3	593687.6	4122799.92	593687.59, 4122799.92	7.50E-04	3.64E-04	2.6E-07	7.8E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	1.0E-08	2.5E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	5.9E-07
30 UCART3	593727.6	4122799.92	593727.59, 4122799.92	7.96E-04	3.86E-04	2.8E-07	8.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	1.1E-08	2.6E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	6.3E-07
31 UCART3	593767.6	4122799.92	593767.59, 4122799.92	8.54E-04	4.12E-04	3.0E-07	8.9E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	1.2E-08	2.8E-07	2.5E-07	3.8E-08	7.5E-08	1.6E-08	6.7E-07
32 UCART3	593807.6	4122799.92	593807.59, 4122799.92	9.18E-04	4.38E-04	3.2E-07	9.6E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	1.2E-08	3.0E-07	2.7E-07	4.1E-08	7.9E-08	1.7E-08	7.2E-07
33 UCART3	593847.6	4122799.92	593847.59, 4122799.92	9.98E-04	4.64E-04	3.5E-07	1.0E-06	4.9E-07	2.8E-07	2.5E-07	1.2E-07	1.4E-08	3.3E-07	2.9E-07	4.3E-08	8.4E-08	1.8E-08	7.7E-07
34 UCART3	593887.6	4122799.92	593887.59, 4122799.92	1.08E-03	4.90E-04	3.8E-07	1.1E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	1.5E-08	3.6E-07	3.0E-07	4.5E-08	8.9E-08	1.9E-08	8.2E-07
35 UCART3	593927.6	4122799.92	593927.59, 4122799.92	1.17E-03	5.12E-04	4.1E-07	1.2E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	1.6E-08	3.9E-07	3.2E-07	4.7E-08	9.3E-08	1.9E-08	8.8E-07
36 UCART3	593967.6	4122799.92	593967.59, 4122799.92	1.27E-03	5.30E-04	4.4E-07	1.3E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	1.7E-08	4.2E-07	3.3E-07	4.9E-08	9.6E-08	2.0E-08	9.2E-07
37 UCART3	594007.6	4122799.92	594007.59, 4122799.92	1.35E-03	5.44E-04	4.7E-07	1.4E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	1.8E-08	4.4E-07	3.3E-07	5.0E-08	9.8E-08	2.1E-08	9.7E-07
38 UCART3	592567.6	4122839.92	592567.59, 4122839.92	1.75E-04	6.96E-05	6.0E-08	1.8E-07	7.3E-08	4.2E-08	3.8E-08	1.7E-08	2.4E-09	5.7E-08	4.3E-08	6.4E-09	1.3E-08	2.6E-09	1.2E-07
39 UCART3	592607.6	4122839.92	592607.59, 4122839.92	1.82E-04	7.32E-05	6.3E-08	1.9E-07	7.7E-08	4.4E-08	4.0E-08	1.8E-08	2.5E-09	6.0E-08	4.5E-08	6.8E-09	1.3E-08	2.8E-09	1.3E-07
40 UCART3	592647.6	4122839.92	592647.59, 4122839.92	1.89E-04	7.69E-05	6.5E-08	2.0E-07	8.0E-08	4.7E-08	4.2E-08	1.9E-08	2.6E-09	6.2E-08	4.7E-08	7.1E-09	1.4E-08	2.9E-09	1.4E-07
41 UCART3	592687.6	4122839.92	592687.59, 4122839.92	1.96E-04	8.12E-05	6.8E-08	2.1E-07	8.5E-08	4.9E-08	4.5E-08	2.0E-08	2.7E-09	6.4E-08	5.0E-08	7.5E-09	1.5E-08	3.1E-09	1.4E-07
42 UCART3	592727.6	4122839.92	592727.59, 4122839.92	2.05E-04	8.65E-05	7.1E-08	2.1E-07	9.0E-08	5.2E-08	4.7E-08	2.2E-08	2.8E-09	6.7E-08	5.3E-08	8.0E-09	1.6E-08	3.3E-09	1.5E-07
43 UCART3	592767.6	4122839.92	592767.59, 4122839.92	2.16E-04	9.30E-05	7.5E-08	2.3E-07	9.7E-08	5.6E-08	5.1E-08	2.3E-08	2.9E-09	7.1E-08	5.7E-08	8.6E-09	1.7E-08	3.5E-09	1.6E-07

44	UCART3	592807.6	4122839.92	592807.59, 4122839.92	2.26E-04	9.83E-05	7.8E-08	2.4E-07	1.0E-07	5.9E-08	5.4E-08	2.5E-08	3.1E-09	7.4E-08	6.1E-08	9.1E-09	1.8E-08	3.7E-09	1.7E-07
45	UCART3	592847.6	4122839.92	592847.59, 4122839.92	2.36E-04	1.04E-04	8.2E-08	2.5E-07	1.1E-07	6.3E-08	5.7E-08	2.6E-08	3.2E-09	7.8E-08	6.4E-08	9.6E-09	1.9E-08	3.9E-09	1.8E-07
46	UCART3	592887.6	4122839.92	592887.59, 4122839.92	2.48E-04	1.10E-04	8.6E-08	2.6E-07	1.2E-07	6.7E-08	6.0E-08	2.8E-08	3.4E-09	8.2E-08	6.8E-08	1.0E-08	2.0E-08	4.2E-09	1.9E-07
47	UCART3	592927.6	4122839.92	592927.59, 4122839.92	2.64E-04	1.19E-04	9.1E-08	2.8E-07	1.2E-07	7.2E-08	6.5E-08	3.0E-08	3.6E-09	8.7E-08	7.3E-08	1.1E-08	2.1E-08	4.5E-09	2.0E-07
48	UCART3	592967.6	4122839.92	592967.59, 4122839.92	2.80E-04	1.27E-04	9.7E-08	2.9E-07	1.3E-07	7.7E-08	6.9E-08	3.2E-08	3.8E-09	9.2E-08	7.8E-08	1.2E-08	2.3E-08	4.8E-09	2.1E-07
49	UCART3	593007.6	4122839.92	593007.59, 4122839.92	3.01E-04	1.39E-04	1.0E-07	3.1E-07	1.4E-07	8.4E-08	7.6E-08	3.5E-08	4.1E-09	9.9E-08	8.5E-08	1.3E-08	2.5E-08	5.3E-09	2.3E-07
50	UCART3	593047.6	4122839.92	593047.59, 4122839.92	3.24E-04	1.59E-04	1.1E-07	3.4E-07	1.7E-07	9.6E-08	8.7E-08	4.0E-08	4.4E-09	1.1E-07	9.8E-08	1.5E-08	2.9E-08	6.1E-09	2.6E-07
51	UCART3	593087.6	4122839.92	593087.59, 4122839.92	3.40E-04	1.56E-04	1.2E-07	3.6E-07	1.6E-07	9.5E-08	8.6E-08	3.9E-08	4.6E-09	1.1E-07	9.6E-08	1.4E-08	2.8E-08	5.9E-09	2.6E-07
52	UCART3	593127.6	4122839.92	593127.59, 4122839.92	3.63E-04	1.77E-04	1.3E-07	3.8E-07	1.8E-07	1.1E-07	9.7E-08	4.4E-08	4.9E-09	1.2E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	2.9E-07
53	UCART3	593167.6	4122839.92	593167.59, 4122839.92	3.90E-04	1.98E-04	1.4E-07	4.1E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	5.3E-09	1.3E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	3.2E-07
54	UCART3	593207.6	4122839.92	593207.59, 4122839.92	4.21E-04	2.09E-04	1.5E-07	4.4E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	5.7E-09	1.4E-07	1.3E-07	1.9E-08	3.8E-08	7.9E-09	3.4E-07
55	UCART3	593247.6	4122839.92	593247.59, 4122839.92	4.51E-04	2.19E-04	1.6E-07	4.7E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	6.1E-09	1.5E-07	1.4E-07	2.0E-08	4.0E-08	8.3E-09	3.6E-07
56	UCART3	593287.6	4122839.92	593287.59, 4122839.92	4.83E-04	2.30E-04	1.7E-07	5.1E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	6.6E-09	1.6E-07	1.4E-07	2.1E-08	4.2E-08	8.7E-09	3.8E-07
57	UCART3	593327.6	4122839.92	593327.59, 4122839.92	5.16E-04	2.40E-04	1.8E-07	5.4E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	7.0E-09	1.7E-07	1.5E-07	2.2E-08	4.4E-08	9.1E-09	4.0E-07
58	UCART3	593367.6	4122839.92	593367.59, 4122839.92	5.55E-04	2.52E-04	1.9E-07	5.8E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	7.6E-09	1.8E-07	1.6E-07	2.3E-08	4.6E-08	9.6E-09	4.2E-07
59	UCART3	593407.6	4122839.92	593407.59, 4122839.92	5.97E-04	2.66E-04	2.1E-07	6.2E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	8.1E-09	2.0E-07	1.6E-07	2.5E-08	4.8E-08	1.0E-08	4.5E-07
60	UCART3	593447.6	4122839.92	593447.59, 4122839.92	6.29E-04	2.83E-04	2.2E-07	6.6E-07	3.0E-07	1.7E-07	1.6E-07	7.1E-08	8.5E-09	2.1E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	4.8E-07
61	UCART3	593487.6	4122839.92	593487.59, 4122839.92	6.62E-04	3.02E-04	2.3E-07	6.9E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	9.0E-09	2.2E-07	1.9E-07	2.8E-08	5.5E-08	1.2E-08	5.1E-07
62	UCART3	593527.6	4122839.92	593527.59, 4122839.92	7.01E-04	3.25E-04	2.4E-07	7.3E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	9.5E-09	2.3E-07	2.0E-07	3.0E-08	5.9E-08	1.2E-08	5.4E-07
63	UCART3	593567.6	4122839.92	593567.59, 4122839.92	7.47E-04	3.50E-04	2.6E-07	7.8E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	1.0E-08	2.5E-07	2.2E-07	3.2E-08	6.3E-08	1.3E-08	5.8E-07
64	UCART3	593607.6	4122839.92	593607.59, 4122839.92	7.88E-04	3.75E-04	2.7E-07	8.2E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	1.1E-08	2.6E-07	2.3E-07	3.5E-08	6.8E-08	1.4E-08	6.2E-07
65	UCART3	593647.6	4122839.92	593647.59, 4122839.92	8.39E-04	4.03E-04	2.9E-07	8.8E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	1.1E-08	2.8E-07	2.5E-07	3.7E-08	7.3E-08	1.5E-08	6.6E-07
66	UCART3	593687.6	4122839.92	593687.59, 4122839.92	8.94E-04	4.31E-04	3.1E-07	9.3E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	1.2E-08	2.9E-07	2.7E-07	4.0E-08	7.8E-08	1.6E-08	7.1E-07
67	UCART3	593727.6	4122839.92	593727.59, 4122839.92	9.53E-04	4.60E-04	3.3E-07	1.0E-06	4.8E-07	2.8E-07	2.5E-07	1.2E-07	1.3E-08	3.1E-07	2.8E-07	4.3E-08	8.3E-08	1.7E-08	7.5E-07
68	UCART3	593767.6	4122839.92	593767.59, 4122839.92	1.03E-03	4.91E-04	3.6E-07	1.1E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	1.4E-08	3.4E-07	3.0E-07	4.6E-08	8.9E-08	1.9E-08	8.1E-07
69	UCART3	593807.6	4122839.92	593807.59, 4122839.92	1.12E-03	5.22E-04	3.9E-07	1.2E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	1.5E-08	3.7E-07	3.2E-07	4.8E-08	9.4E-08	2.0E-08	8.7E-07
70	UCART3	593847.6	4122839.92	593847.59, 4122839.92	1.22E-03	5.52E-04	4.2E-07	1.3E-06	5.8E-07	3.3E-07	3.0E-07	1.4E-07	1.7E-08	4.0E-07	3.4E-07	5.1E-08	1.0E-07	2.1E-08	9.3E-07
71	UCART3	593887.6	4122839.92	593887.59, 4122839.92	1.33E-03	5.79E-04	4.6E-07	1.4E-06	6.1E-07	3.5E-07	3.2E-07	1.4E-07	1.8E-08	4.4E-07	3.6E-07	5.4E-08	1.0E-07	2.2E-08	9.9E-07
72	UCART3	593927.6	4122839.92	593927.59, 4122839.92	1.44E-03	6.01E-04	5.0E-07	1.5E-06	6.3E-07	3.6E-07	3.3E-07	1.5E-07	2.0E-08	4.7E-07	3.7E-07	5.6E-08	1.1E-07	2.3E-08	1.1E-06
73	UCART3	593967.6	4122839.92	593967.59, 4122839.92	1.55E-03	6.16E-04	5.4E-07	1.6E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	2.1E-08	5.1E-07	3.8E-07	5.7E-08	1.1E-07	2.3E-08	1.1E-06
74	UCART3	594007.6	4122839.92	594007.59, 4122839.92	1.64E-03	6.26E-04	5.7E-07	1.7E-06	6.5E-07	3.8E-07	3.4E-07	1.6E-07	2.2E-08	5.4E-07	3.9E-07	5.8E-08	1.1E-07	2.4E-08	1.1E-06
75	UCART3	592567.6	4122879.92	592567.59, 4122879.92	1.85E-04	7.46E-05	6.4E-08	1.9E-07	7.8E-08	4.5E-08	4.1E-08	1.9E-08	2.5E-09	6.1E-08	4.6E-08	6.9E-09	1.3E-08	2.8E-09	1.3E-07
76	UCART3	592607.6	4122879.92	592607.59, 4122879.92	1.93E-04	7.87E-05	6.7E-08	2.0E-07	8.2E-08	4.8E-08	4.3E-08	2.0E-08	2.6E-09	6.3E-08	4.8E-08	7.3E-09	1.4E-08	3.0E-09	1.4E-07
77	UCART3	592647.6	4122879.92	592647.59, 4122879.92	2.00E-04	8.24E-05	6.9E-08	2.1E-07	8.6E-08	5.0E-08	4.5E-08	2.1E-08	2.7E-09	6.6E-08	5.1E-08	7.6E-09	1.5E-08	3.1E-09	1.4E-07
78	UCART3	592687.6	4122879.92	592687.59, 4122879.92	2.08E-04	8.63E-05	7.2E-08	2.2E-07	9.0E-08	5.2E-08	4.7E-08	2.2E-08	2.8E-09	6.8E-08	5.3E-08	8.0E-09	1.6E-08	3.3E-09	1.5E-07
79	UCART3	592727.6	4122879.92	592727.59, 4122879.92	2.19E-04	9.30E-05	7.6E-08	2.3E-07	9.7E-08	5.6E-08	5.1E-08	2.3E-08	3.0E-09	7.2E-08	5.7E-08	8.6E-09	1.7E-08	3.5E-09	1.6E-07
80	UCART3	592767.6	4122879.92	592767.59, 4122879.92	2.30E-04	9.98E-05	8.0E-08	2.4E-07	1.0E-07	6.0E-08	5.5E-08	2.5E-08	3.1E-09	7.6E-08	6.1E-08	9.3E-09	1.8E-08	3.8E-09	1.7E-07
81	UCART3	592807.6	4122879.92	592807.59, 4122879.92	2.41E-04	1.06E-04	8.3E-08	2.5E-07	1.1E-07	6.4E-08	5.8E-08	2.6E-08	3.3E-09	7.9E-08	6.5E-08	9.8E-09	1.9E-08	4.0E-09	1.8E-07
82	UCART3	592847.6	4122879.92	592847.59, 4122879.92	2.54E-04	1.14E-04	8.8E-08	2.7E-07	1.2E-07	6.9E-08	6.2E-08	2.8E-08	3.5E-09	8.4E-08	7.0E-08	1.1E-08	2.1E-08	4.3E-09	1.9E-07
83	UCART3	592887.6	4122879.92	592887.59, 4122879.92	2.69E-04	1.22E-04	9.3E-08	2.8E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	3.7E-09	8.8E-08	7.5E-08	1.1E-08	2.2E-08	4.6E-09	2.1E-07
84	UCART3	592927.6	4122879.92	592927.59, 4122879.92	2.86E-04	1.31E-04	9.9E-08	3.0E-07	1.4E-07	7.9E-08	7.2E-08	3.3E-08	3.9E-09	9.4E-08	8.1E-08	1.2E-08	2.4E-08	5.0E-09	2.2E-07
85	UCART3	592967.6	4122879.92	592967.59, 4122879.92	3.04E-04	1.41E-04	1.1E-07	3.2E-07	1.5E-07	8.5E-08	7.7E-08	3.5E-08	4.1E-09	1.0E-07	8.7E-08	1.3E-08	2.5E-08	5.4E-09	2.3E-07
86	UCART3	593007.6	4122879.92	593007.59, 4122879.92	3.25E-04	1.52E-04	1.1E-07	3.4E-07	1.6E-07	9.2E-08	8.4E-08	3.8E-08	4.4E-09	1.1E-07	9.4E-08	1.4E-08	2.8E-08	5.8E-09	2.5E-07
87	UCART3	593047.6	4122879.92	593047.59, 4122879.92	3.50E-04	1.75E-04	1.2E-07	3.7E-07	1.8E-07	1.1E-07	9.6E-08	4.4E-08	4.8E-09	1.2E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	2.8E-07
88	UCART3	593087.6	4122879.92	593087.59, 4122879.92	3.72E-04	1.85E-04	1.3E-07	3.9E-07	1.9E-07	1.1E-07	1.0E-07	4.6E-08	5.1E-09	1.2E-07	1.1E-07	1.7E-08	3.4E-08	7.1E-09	3.0E-07
89	UCART3	593127.6	4122879.92	593127.59, 4122879.92	3.97E-04	1.97E-04	1.4E-07	4.1E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	5.4E-09	1.3E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	3.2E-07
90	UCART3	593167.6	4122879.92	593167.59, 4122879.92	4.35E-04	2.23E-04	1.5E-07	4.5E-07	2.3E-07	1.3E-07	1.2E-07	5.6E-08	5.9E-09	1.4E-07	1.4E-07	2.1E-08	4.0E-08	8.5E-09	3.6E-07
91	UCART3	593207.6	4122879.92	593207.59, 4122879.92	4.67E-04	2.35E-04	1.6E-07	4.9E-07	2.5E-07	1.4E-07	1.3E-07	5.9E-08	6.3E-09	1.5E-07	1.5E-07	2.2E-08	4.3E-08	9.0E-09	3.8E-07
92	UCART3	593247.6	4122879.92	593247.59, 4122879.92	5.11E-04	2.49E-04	1.8E-07	5.3E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	6.9E-09	1.7E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	4.1E-07
93	UCART3	593287.6	4122879.92	593287.59, 4122879.92	5.55E-04	2.62E-04	1.9E-07	5.8E-07	2.7E-07	1.6E-07	1.4E-07	6.6E-08	7.6E-09	1.8E-07	1.6E-07	2.4E-08	4.7E-08	1.0E-08	4.3E-07
94	UCART3	593327.6	4122879.92	593327.59, 4122879.92	5.98E-04	2.76E-04	2.1E-07	6.3E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	8.1E-09	2.0E-07	1.7E-07	2.6E-08	5.0E-08	1.0E-08	4.6E-07
95	UCART3	593367.6	4122879.92	593367.59, 4122879.92	6.40E-04	2.91E-04	2.2E-07	6.7E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	8.7E-09	2.1E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	4.9E-07
96	UCART3	593407.6	4122879.92	593407.59, 4122879.92	6.85E-04	3.08E-04	2.4E-07	7.2E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	9.3E-09	2.3E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	5.2E-07

97	UCART3	593447.6	4122879.92	593447.59, 4122879.92	7.28E-04	3.29E-04	2.5E-07	7.6E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	9.9E-09	2.4E-07	2.0E-07	3.1E-08	6.0E-08	1.3E-08	5.5E-07
98	UCART3	593487.6	4122879.92	593487.59, 4122879.92	7.75E-04	3.55E-04	2.7E-07	8.1E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	1.1E-08	2.5E-07	2.2E-07	3.3E-08	6.4E-08	1.3E-08	5.9E-07
99	UCART3	593527.6	4122879.92	593527.59, 4122879.92	8.27E-04	3.84E-04	2.9E-07	8.6E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	1.1E-08	2.7E-07	2.4E-07	3.6E-08	6.9E-08	1.5E-08	6.4E-07
100	UCART3	593567.6	4122879.92	593567.59, 4122879.92	8.82E-04	4.15E-04	3.1E-07	9.2E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	1.2E-08	2.9E-07	2.6E-07	3.8E-08	7.5E-08	1.6E-08	6.9E-07
101	UCART3	593607.6	4122879.92	593607.59, 4122879.92	9.35E-04	4.47E-04	3.2E-07	9.8E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	1.3E-08	3.1E-07	2.8E-07	4.1E-08	8.1E-08	1.7E-08	7.3E-07
102	UCART3	593647.6	4122879.92	593647.59, 4122879.92	1.00E-03	4.82E-04	3.5E-07	1.0E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	1.4E-08	3.3E-07	3.0E-07	4.5E-08	8.7E-08	1.8E-08	7.9E-07
103	UCART3	593687.6	4122879.92	593687.59, 4122879.92	1.08E-03	5.17E-04	3.7E-07	1.1E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	1.5E-08	3.5E-07	3.2E-07	4.8E-08	9.4E-08	2.0E-08	8.5E-07
104	UCART3	593727.6	4122879.92	593727.59, 4122879.92	1.17E-03	5.54E-04	4.0E-07	1.2E-06	5.8E-07	3.4E-07	3.0E-07	1.4E-07	1.6E-08	3.8E-07	3.4E-07	5.1E-08	1.0E-07	2.1E-08	9.1E-07
105	UCART3	593767.6	4122879.92	593767.59, 4122879.92	1.27E-03	5.92E-04	4.4E-07	1.3E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	1.7E-08	4.2E-07	3.6E-07	5.5E-08	1.1E-07	2.3E-08	9.9E-07
106	UCART3	593807.6	4122879.92	593807.59, 4122879.92	1.39E-03	6.28E-04	4.8E-07	1.5E-06	6.6E-07	3.8E-07	3.4E-07	1.6E-07	1.9E-08	4.6E-07	3.9E-07	5.8E-08	1.1E-07	2.4E-08	1.1E-06
107	UCART3	593847.6	4122879.92	593847.59, 4122879.92	1.53E-03	6.61E-04	5.3E-07	1.6E-06	6.9E-07	4.0E-07	3.6E-07	1.7E-07	2.1E-08	5.0E-07	4.1E-07	6.1E-08	1.2E-07	2.5E-08	1.1E-06
108	UCART3	593887.6	4122879.92	593887.59, 4122879.92	1.66E-03	6.87E-04	5.8E-07	1.7E-06	7.2E-07	4.2E-07	3.8E-07	1.7E-07	2.3E-08	5.5E-07	4.2E-07	6.4E-08	1.2E-07	2.6E-08	1.2E-06
109	UCART3	593927.6	4122879.92	593927.59, 4122879.92	1.79E-03	7.06E-04	6.2E-07	1.9E-06	7.4E-07	4.3E-07	3.9E-07	1.8E-07	2.4E-08	5.9E-07	4.3E-07	6.5E-08	1.3E-07	2.7E-08	1.3E-06
110	UCART3	593967.6	4122879.92	593967.59, 4122879.92	1.91E-03	7.16E-04	6.6E-07	2.0E-06	7.5E-07	4.3E-07	3.9E-07	1.8E-07	2.6E-08	6.3E-07	4.4E-07	6.6E-08	1.3E-07	2.7E-08	1.3E-06
111	UCART3	594007.6	4122879.92	594007.59, 4122879.92	2.00E-03	7.19E-04	6.9E-07	2.1E-06	7.5E-07	4.3E-07	3.9E-07	1.8E-07	2.7E-08	6.6E-07	4.4E-07	6.7E-08	1.3E-07	2.7E-08	1.4E-06
112	UCART3	592567.6	4122919.92	592567.59, 4122919.92	1.96E-04	8.00E-05	6.8E-08	2.0E-07	8.4E-08	4.8E-08	4.4E-08	2.0E-08	2.7E-09	6.4E-08	4.9E-08	7.4E-09	1.4E-08	3.0E-09	1.4E-07
113	UCART3	592607.6	4122919.92	592607.59, 4122919.92	2.04E-04	8.42E-05	7.1E-08	2.1E-07	8.8E-08	5.1E-08	4.6E-08	2.1E-08	2.8E-09	6.7E-08	5.2E-08	7.8E-09	1.5E-08	3.2E-09	1.5E-07
114	UCART3	592647.6	4122919.92	592647.59, 4122919.92	2.13E-04	8.92E-05	7.4E-08	2.2E-07	9.3E-08	5.4E-08	4.9E-08	2.2E-08	2.9E-09	7.0E-08	5.5E-08	8.3E-09	1.6E-08	3.4E-09	1.6E-07
115	UCART3	592687.6	4122919.92	592687.59, 4122919.92	2.23E-04	9.46E-05	7.7E-08	2.3E-07	9.9E-08	5.7E-08	5.2E-08	2.4E-08	3.0E-09	7.3E-08	5.8E-08	8.8E-09	1.7E-08	3.6E-09	1.6E-07
116	UCART3	592727.6	4122919.92	592727.59, 4122919.92	2.35E-04	1.01E-04	8.1E-08	2.5E-07	1.1E-07	6.1E-08	5.5E-08	2.5E-08	3.2E-09	7.7E-08	6.2E-08	9.4E-09	1.8E-08	3.8E-09	1.7E-07
117	UCART3	592767.6	4122919.92	592767.59, 4122919.92	2.46E-04	1.08E-04	8.5E-08	2.6E-07	1.1E-07	6.5E-08	5.9E-08	2.7E-08	3.3E-09	8.1E-08	6.6E-08	1.0E-08	1.9E-08	4.1E-09	1.8E-07
118	UCART3	592807.6	4122919.92	592807.59, 4122919.92	2.59E-04	1.14E-04	8.9E-08	2.7E-07	1.2E-07	6.9E-08	6.3E-08	2.9E-08	3.5E-09	8.5E-08	7.0E-08	1.1E-08	2.1E-08	4.4E-09	1.9E-07
119	UCART3	592847.6	4122919.92	592847.59, 4122919.92	2.74E-04	1.24E-04	9.5E-08	2.9E-07	1.3E-07	7.5E-08	6.8E-08	3.1E-08	3.7E-09	9.0E-08	7.6E-08	1.2E-08	2.2E-08	4.7E-09	2.1E-07
120	UCART3	592887.6	4122919.92	592887.59, 4122919.92	2.89E-04	1.33E-04	1.0E-07	3.0E-07	1.4E-07	8.0E-08	7.3E-08	3.3E-08	3.9E-09	9.5E-08	8.2E-08	1.2E-08	2.4E-08	5.1E-09	2.2E-07
121	UCART3	592927.6	4122919.92	592927.59, 4122919.92	3.12E-04	1.47E-04	1.1E-07	3.3E-07	1.5E-07	8.9E-08	8.1E-08	3.7E-08	4.2E-09	1.0E-07	9.0E-08	1.4E-08	2.7E-08	5.6E-09	2.4E-07
122	UCART3	592967.6	4122919.92	592967.59, 4122919.92	3.34E-04	1.61E-04	1.2E-07	3.5E-07	1.7E-07	9.8E-08	8.8E-08	4.0E-08	4.5E-09	1.1E-07	9.9E-08	1.5E-08	2.9E-08	6.1E-09	2.6E-07
123	UCART3	593007.6	4122919.92	593007.59, 4122919.92	3.56E-04	1.72E-04	1.2E-07	3.7E-07	1.8E-07	1.0E-07	9.4E-08	4.3E-08	4.8E-09	1.2E-07	1.1E-07	1.6E-08	3.1E-08	6.5E-09	2.8E-07
124	UCART3	593047.6	4122919.92	593047.59, 4122919.92	3.79E-04	1.83E-04	1.3E-07	4.0E-07	1.9E-07	1.1E-07	1.0E-07	4.6E-08	5.1E-09	1.2E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	3.0E-07
125	UCART3	593087.6	4122919.92	593087.59, 4122919.92	4.09E-04	2.08E-04	1.4E-07	4.3E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	5.6E-09	1.3E-07	1.3E-07	1.9E-08	3.8E-08	7.9E-09	3.3E-07
126	UCART3	593127.6	4122919.92	593127.59, 4122919.92	4.43E-04	2.24E-04	1.5E-07	4.6E-07	2.3E-07	1.4E-07	1.2E-07	5.6E-08	6.0E-09	1.5E-07	1.4E-07	2.1E-08	4.0E-08	8.5E-09	3.6E-07
127	UCART3	593167.6	4122919.92	593167.59, 4122919.92	4.90E-04	2.53E-04	1.7E-07	5.1E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	6.7E-09	1.6E-07	1.6E-07	2.3E-08	4.6E-08	9.6E-09	4.0E-07
128	UCART3	593207.6	4122919.92	593207.59, 4122919.92	5.23E-04	2.69E-04	1.8E-07	5.5E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	7.1E-09	1.7E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	4.3E-07
129	UCART3	593247.6	4122919.92	593247.59, 4122919.92	5.86E-04	2.86E-04	2.0E-07	6.1E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	8.0E-09	1.9E-07	1.8E-07	2.7E-08	5.2E-08	1.1E-08	4.7E-07
130	UCART3	593287.6	4122919.92	593287.59, 4122919.92	6.30E-04	3.02E-04	2.2E-07	6.6E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	8.6E-09	2.1E-07	1.9E-07	2.8E-08	5.5E-08	1.2E-08	5.0E-07
131	UCART3	593327.6	4122919.92	593327.59, 4122919.92	6.91E-04	3.20E-04	2.4E-07	7.2E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	9.4E-09	2.3E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	5.3E-07
132	UCART3	593367.6	4122919.92	593367.59, 4122919.92	7.42E-04	3.39E-04	2.6E-07	7.8E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	1.0E-08	2.4E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	5.7E-07
133	UCART3	593407.6	4122919.92	593407.59, 4122919.92	7.98E-04	3.62E-04	2.8E-07	8.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	1.1E-08	2.6E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	6.1E-07
134	UCART3	593447.6	4122919.92	593447.59, 4122919.92	8.58E-04	3.90E-04	3.0E-07	9.0E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	1.2E-08	2.8E-07	2.4E-07	3.6E-08	7.1E-08	1.5E-08	6.6E-07
135	UCART3	593487.6	4122919.92	593487.59, 4122919.92	9.24E-04	4.23E-04	3.2E-07	9.7E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	1.3E-08	3.0E-07	2.6E-07	3.9E-08	7.7E-08	1.6E-08	7.1E-07
136	UCART3	593527.6	4122919.92	593527.59, 4122919.92	9.86E-04	4.61E-04	3.4E-07	1.0E-06	4.8E-07	2.8E-07	2.5E-07	1.2E-07	1.3E-08	3.2E-07	2.8E-07	4.3E-08	8.3E-08	1.8E-08	7.6E-07
137	UCART3	593567.6	4122919.92	593567.59, 4122919.92	1.06E-03	5.01E-04	3.7E-07	1.1E-06	5.2E-07	3.0E-07	2.7E-07	1.3E-07	1.4E-08	3.5E-07	3.1E-07	4.6E-08	9.1E-08	1.9E-08	8.3E-07
138	UCART3	593607.6	4122919.92	593607.59, 4122919.92	1.13E-03	5.42E-04	3.9E-07	1.2E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	1.5E-08	3.7E-07	3.3E-07	5.0E-08	9.8E-08	2.1E-08	8.9E-07
139	UCART3	593647.6	4122919.92	593647.59, 4122919.92	1.22E-03	5.86E-04	4.2E-07	1.3E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	1.7E-08	4.0E-07	3.6E-07	5.4E-08	1.1E-07	2.2E-08	9.6E-07
140	UCART3	593687.6	4122919.92	593687.59, 4122919.92	1.33E-03	6.31E-04	4.6E-07	1.4E-06	6.6E-07	3.8E-07	3.5E-07	1.6E-07	1.8E-08	4.4E-07	3.9E-07	5.9E-08	1.1E-07	2.4E-08	1.0E-06
141	UCART3	593727.6	4122919.92	593727.59, 4122919.92	1.46E-03	6.77E-04	5.1E-07	1.5E-06	7.1E-07	4.1E-07	3.7E-07	1.7E-07	2.0E-08	4.8E-07	4.2E-07	6.3E-08	1.2E-07	2.6E-08	1.1E-06
142	UCART3	593767.6	4122919.92	593767.59, 4122919.92	1.61E-03	7.22E-04	5.6E-07	1.7E-06	7.5E-07	4.4E-07	4.0E-07	1.8E-07	2.2E-08	5.3E-07	4.4E-07	6.7E-08	1.3E-07	2.7E-08	1.2E-06
143	UCART3	593807.6	4122919.92	593807.59, 4122919.92	1.78E-03	7.62E-04	6.2E-07	1.9E-06	8.0E-07	4.6E-07	4.2E-07	1.9E-07	2.4E-08	5.8E-07	4.7E-07	7.1E-08	1.4E-07	2.9E-08	1.3E-06
144	UCART3	593847.6	4122919.92	593847.59, 4122919.92	1.95E-03	7.94E-04	6.7E-07	2.0E-06	8.3E-07	4.8E-07	4.4E-07	2.0E-07	2.6E-08	6.4E-07	4.9E-07	7.4E-08	1.4E-07	3.0E-08	1.4E-06
145	UCART3	593887.6	4122919.92	593887.59, 4122919.92	2.11E-03	8.16E-04	7.3E-07	2.2E-06	8.5E-07	4.9E-07	4.5E-07	2.0E-07	2.9E-08	6.9E-07	5.0E-07	7.6E-08	1.5E-07	3.1E-08	1.5E-06
146	UCART3	593927.6	4122919.92	593927.59, 4122919.92	2.26E-03	8.28E-04	7.8E-07	2.4E-06	8.7E-07	5.0E-07	4.5E-07	2.1E-07	3.1E-08	7.4E-07	5.1E-07	7.7E-08	1.5E-07	3.2E-08	1.5E-06
147	UCART3	593967.6	4122919.92	593967.59, 4122919.92	2.37E-03	8.29E-04	8.2E-07	2.5E-06	8.7E-07	5.0E-07	4.5E-07	2.1E-07	3.2E-08	7.8E-07	5.1E-07	7.7E-08	1.5E-07	3.2E-08	1.6E-06
148	UCART3	594007.6	4122919.92	594007.59, 4122919.92	2.45E-03	8.21E-04	8.5E-07	2.6E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	3.3E-08	8.0E-07	5.1E-07	7.6E-08	1.5E-07	3.1E-08	1.6E-06
149	UCART3	592567.6	4122959.92	592567.59, 4122959.92	2.09E-04	8.75E-05	7.2E-08	2.2E-07	9.1E-08	5.3E-08	4.8E-08	2.2E-08	2.8E-09	6.9E-08	5.4E-08	8.1E-09	1.6E-08	3.3E-09	1.5E-07

150 UCART3	592607.6	4122959.92	592607.59, 4122959.92	2.17E-04	9.13E-05	7.5E-08	2.3E-07	9.5E-08	5.5E-08	5.0E-08	2.3E-08	3.0E-09	7.1E-08	5.6E-08	8.5E-09	1.7E-08	3.5E-09	1.6E-07
151 UCART3	592647.6	4122959.92	592647.59, 4122959.92	2.27E-04	9.67E-05	7.9E-08	2.4E-07	1.0E-07	5.9E-08	5.3E-08	2.4E-08	3.1E-09	7.5E-08	6.0E-08	9.0E-09	1.8E-08	3.7E-09	1.7E-07
152 UCART3	592687.6	4122959.92	592687.59, 4122959.92	2.39E-04	1.03E-04	8.3E-08	2.5E-07	1.1E-07	6.2E-08	5.6E-08	2.6E-08	3.2E-09	7.8E-08	6.3E-08	9.5E-09	1.9E-08	3.9E-09	1.8E-07
153 UCART3	592727.6	4122959.92	592727.59, 4122959.92	2.51E-04	1.10E-04	8.7E-08	2.6E-07	1.1E-07	6.7E-08	6.0E-08	2.8E-08	3.4E-09	8.3E-08	6.8E-08	1.0E-08	2.0E-08	4.2E-09	1.9E-07
154 UCART3	592767.6	4122959.92	592767.59, 4122959.92	2.65E-04	1.17E-04	9.2E-08	2.8E-07	1.2E-07	7.1E-08	6.4E-08	2.9E-08	3.6E-09	8.7E-08	7.2E-08	1.1E-08	2.1E-08	4.5E-09	2.0E-07
155 UCART3	592807.6	4122959.92	592807.59, 4122959.92	2.79E-04	1.25E-04	9.6E-08	2.9E-07	1.3E-07	7.6E-08	6.8E-08	3.1E-08	3.8E-09	9.2E-08	7.7E-08	1.2E-08	2.3E-08	4.7E-09	2.1E-07
156 UCART3	592847.6	4122959.92	592847.59, 4122959.92	2.96E-04	1.36E-04	1.0E-07	3.1E-07	1.4E-07	8.2E-08	7.5E-08	3.4E-08	4.0E-09	9.7E-08	8.4E-08	1.3E-08	2.5E-08	5.2E-09	2.3E-07
157 UCART3	592887.6	4122959.92	592887.59, 4122959.92	3.14E-04	1.46E-04	1.1E-07	3.3E-07	1.5E-07	8.8E-08	8.0E-08	3.7E-08	4.3E-09	1.0E-07	9.0E-08	1.4E-08	2.6E-08	5.6E-09	2.4E-07
158 UCART3	592927.6	4122959.92	592927.59, 4122959.92	3.36E-04	1.60E-04	1.2E-07	3.5E-07	1.7E-07	9.7E-08	8.8E-08	4.0E-08	4.6E-09	1.1E-07	9.8E-08	1.5E-08	2.9E-08	6.1E-09	2.6E-07
159 UCART3	592967.6	4122959.92	592967.59, 4122959.92	3.61E-04	1.76E-04	1.3E-07	3.8E-07	1.8E-07	1.1E-07	9.6E-08	4.4E-08	4.9E-09	1.2E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	2.9E-07
160 UCART3	593007.6	4122959.92	593007.59, 4122959.92	3.92E-04	2.04E-04	1.4E-07	4.1E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	5.3E-09	1.3E-07	1.3E-07	1.9E-08	3.7E-08	7.8E-09	3.2E-07
161 UCART3	593047.6	4122959.92	593047.59, 4122959.92	4.24E-04	2.21E-04	1.5E-07	4.4E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	5.8E-09	1.4E-07	1.4E-07	2.0E-08	4.0E-08	8.4E-09	3.5E-07
162 UCART3	593087.6	4122959.92	593087.59, 4122959.92	4.51E-04	2.36E-04	1.6E-07	4.7E-07	2.5E-07	1.4E-07	1.3E-07	5.9E-08	6.1E-09	1.5E-07	1.5E-07	2.2E-08	4.3E-08	9.0E-09	3.7E-07
163 UCART3	593127.6	4122959.92	593127.59, 4122959.92	4.98E-04	2.70E-04	1.7E-07	5.2E-07	2.8E-07	1.6E-07	1.5E-07	6.8E-08	6.8E-09	1.6E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	4.2E-07
164 UCART3	593167.6	4122959.92	593167.59, 4122959.92	5.56E-04	2.91E-04	1.9E-07	5.8E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	7.6E-09	1.8E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	4.6E-07
165 UCART3	593207.6	4122959.92	593207.59, 4122959.92	6.03E-04	3.11E-04	2.1E-07	6.3E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	8.2E-09	2.0E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	4.9E-07
166 UCART3	593247.6	4122959.92	593247.59, 4122959.92	6.76E-04	3.33E-04	2.3E-07	7.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	9.2E-09	2.2E-07	2.1E-07	3.1E-08	6.0E-08	1.3E-08	5.4E-07
167 UCART3	593287.6	4122959.92	593287.59, 4122959.92	7.32E-04	3.55E-04	2.5E-07	7.7E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	1.0E-08	2.4E-07	2.2E-07	3.3E-08	6.4E-08	1.3E-08	5.8E-07
168 UCART3	593327.6	4122959.92	593327.59, 4122959.92	8.08E-04	3.79E-04	2.8E-07	8.4E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	1.1E-08	2.7E-07	2.3E-07	3.5E-08	6.9E-08	1.4E-08	6.3E-07
169 UCART3	593367.6	4122959.92	593367.59, 4122959.92	8.68E-04	4.03E-04	3.0E-07	9.1E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	1.2E-08	2.9E-07	2.5E-07	3.7E-08	7.3E-08	1.5E-08	6.7E-07
170 UCART3	593407.6	4122959.92	593407.59, 4122959.92	9.47E-04	4.34E-04	3.3E-07	9.9E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	1.3E-08	3.1E-07	2.7E-07	4.0E-08	7.9E-08	1.7E-08	7.3E-07
171 UCART3	593447.6	4122959.92	593447.59, 4122959.92	1.02E-03	4.70E-04	3.5E-07	1.1E-06	4.9E-07	2.8E-07	2.6E-07	1.2E-07	1.4E-08	3.4E-07	2.9E-07	4.4E-08	8.5E-08	1.8E-08	7.9E-07
172 UCART3	593487.6	4122959.92	593487.59, 4122959.92	1.11E-03	5.15E-04	3.8E-07	1.2E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	1.5E-08	3.6E-07	3.2E-07	4.8E-08	9.3E-08	2.0E-08	8.6E-07
173 UCART3	593527.6	4122959.92	593527.59, 4122959.92	1.19E-03	5.63E-04	4.1E-07	1.2E-06	5.9E-07	3.4E-07	3.1E-07	1.4E-07	1.6E-08	3.9E-07	3.5E-07	5.2E-08	1.0E-07	2.1E-08	9.3E-07
174 UCART3	593567.6	4122959.92	593567.59, 4122959.92	1.29E-03	6.17E-04	4.5E-07	1.4E-06	6.5E-07	3.7E-07	3.4E-07	1.5E-07	1.8E-08	4.2E-07	3.8E-07	5.7E-08	1.1E-07	2.3E-08	1.0E-06
175 UCART3	593607.6	4122959.92	593607.59, 4122959.92	1.40E-03	6.70E-04	4.8E-07	1.5E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	1.9E-08	4.6E-07	4.1E-07	6.2E-08	1.2E-07	2.6E-08	1.1E-06
176 UCART3	593647.6	4122959.92	593647.59, 4122959.92	1.52E-03	7.26E-04	5.3E-07	1.6E-06	7.6E-07	4.4E-07	4.0E-07	1.8E-07	2.1E-08	5.0E-07	4.5E-07	6.7E-08	1.3E-07	2.8E-08	1.2E-06
177 UCART3	593687.6	4122959.92	593687.59, 4122959.92	1.68E-03	7.84E-04	5.8E-07	1.8E-06	8.2E-07	4.7E-07	4.3E-07	2.0E-07	2.3E-08	5.5E-07	4.8E-07	7.3E-08	1.4E-07	3.0E-08	1.3E-06
178 UCART3	593727.6	4122959.92	593727.59, 4122959.92	1.87E-03	8.40E-04	6.5E-07	2.0E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	2.5E-08	6.2E-07	5.2E-07	7.8E-08	1.5E-07	3.2E-08	1.4E-06
179 UCART3	593767.6	4122959.92	593767.59, 4122959.92	2.09E-03	8.90E-04	7.2E-07	2.2E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	2.8E-08	6.9E-07	5.5E-07	8.2E-08	1.6E-07	3.4E-08	1.5E-06
180 UCART3	593807.6	4122959.92	593807.59, 4122959.92	2.32E-03	9.29E-04	8.0E-07	2.4E-06	9.7E-07	5.6E-07	5.1E-07	2.3E-07	3.1E-08	7.6E-07	5.7E-07	8.6E-08	1.7E-07	3.5E-08	1.7E-06
181 UCART3	593847.6	4122959.92	593847.59, 4122959.92	2.54E-03	9.56E-04	8.8E-07	2.7E-06	1.0E-06	5.8E-07	5.2E-07	2.4E-07	3.4E-08	8.3E-07	5.9E-07	8.9E-08	1.7E-07	3.6E-08	1.8E-06
182 UCART3	593887.6	4122959.92	593887.59, 4122959.92	2.73E-03	9.69E-04	9.4E-07	2.8E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	3.7E-08	9.0E-07	6.0E-07	9.0E-08	1.8E-07	3.7E-08	1.8E-06
183 UCART3	593927.6	4122959.92	593927.59, 4122959.92	2.87E-03	9.67E-04	9.9E-07	3.0E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	3.9E-08	9.4E-07	6.0E-07	9.0E-08	1.8E-07	3.7E-08	1.9E-06
184 UCART3	593967.6	4122959.92	593967.59, 4122959.92	2.96E-03	9.53E-04	1.0E-06	3.1E-06	1.0E-06	5.8E-07	5.2E-07	2.4E-07	4.0E-08	9.7E-07	5.9E-07	8.8E-08	1.7E-07	3.6E-08	1.9E-06
185 UCART3	594007.6	4122959.92	594007.59, 4122959.92	2.98E-03	9.28E-04	1.0E-06	3.1E-06	9.7E-07	5.6E-07	5.1E-07	2.3E-07	4.1E-08	9.8E-07	5.7E-07	8.6E-08	1.7E-07	3.5E-08	1.9E-06
186 UCART3	592567.6	4122999.92	592567.59, 4122999.92	2.25E-04	9.88E-05	7.8E-08	2.4E-07	1.0E-07	6.0E-08	5.4E-08	2.5E-08	3.1E-09	7.4E-08	6.1E-08	9.2E-09	1.8E-08	3.8E-09	1.7E-07
187 UCART3	592607.6	4122999.92	592607.59, 4122999.92	2.32E-04	9.92E-05	8.0E-08	2.4E-07	1.0E-07	6.0E-08	5.4E-08	2.5E-08	3.2E-09	7.6E-08	6.1E-08	9.2E-09	1.8E-08	3.8E-09	1.7E-07
188 UCART3	592647.6	4122999.92	592647.59, 4122999.92	2.43E-04	1.05E-04	8.4E-08	2.5E-07	1.1E-07	6.3E-08	5.7E-08	2.6E-08	3.3E-09	8.0E-08	6.5E-08	9.7E-09	1.9E-08	4.0E-09	1.8E-07
189 UCART3	592687.6	4122999.92	592687.59, 4122999.92	2.55E-04	1.12E-04	8.8E-08	2.7E-07	1.2E-07	6.7E-08	6.1E-08	2.8E-08	3.5E-09	8.4E-08	6.9E-08	1.0E-08	2.0E-08	4.2E-09	1.9E-07
190 UCART3	592727.6	4122999.92	592727.59, 4122999.92	2.70E-04	1.20E-04	9.3E-08	2.8E-07	1.3E-07	7.2E-08	6.6E-08	3.0E-08	3.7E-09	8.9E-08	7.4E-08	1.1E-08	2.2E-08	4.6E-09	2.0E-07
191 UCART3	592767.6	4122999.92	592767.59, 4122999.92	2.85E-04	1.29E-04	9.9E-08	3.0E-07	1.3E-07	7.8E-08	7.0E-08	3.2E-08	3.9E-09	9.4E-08	7.9E-08	1.2E-08	2.3E-08	4.9E-09	2.2E-07
192 UCART3	592807.6	4122999.92	592807.59, 4122999.92	3.02E-04	1.38E-04	1.0E-07	3.2E-07	1.4E-07	8.4E-08	7.6E-08	3.5E-08	4.1E-09	9.9E-08	8.5E-08	1.3E-08	2.5E-08	5.3E-09	2.3E-07
193 UCART3	592847.6	4122999.92	592847.59, 4122999.92	3.21E-04	1.50E-04	1.1E-07	3.4E-07	1.6E-07	9.1E-08	8.2E-08	3.7E-08	4.4E-09	1.1E-07	9.2E-08	1.4E-08	2.7E-08	5.7E-09	2.5E-07
194 UCART3	592887.6	4122999.92	592887.59, 4122999.92	3.43E-04	1.62E-04	1.2E-07	3.6E-07	1.7E-07	9.8E-08	8.9E-08	4.1E-08	4.7E-09	1.1E-07	1.0E-07	1.5E-08	2.9E-08	6.2E-09	2.7E-07
195 UCART3	592927.6	4122999.92	592927.59, 4122999.92	3.68E-04	1.78E-04	1.3E-07	3.8E-07	1.9E-07	1.1E-07	9.8E-08	4.5E-08	5.0E-09	1.2E-07	1.1E-07	1.7E-08	3.2E-08	6.8E-09	2.9E-07
196 UCART3	592967.6	4122999.92	592967.59, 4122999.92	3.95E-04	1.96E-04	1.4E-07	4.1E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	5.4E-09	1.3E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	3.2E-07
197 UCART3	593007.6	4122999.92	593007.59, 4122999.92	4.30E-04	2.29E-04	1.5E-07	4.5E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	5.9E-09	1.4E-07	1.4E-07	2.1E-08	4.1E-08	8.7E-09	3.6E-07
198 UCART3	593047.6	4122999.92	593047.59, 4122999.92	4.67E-04	2.50E-04	1.6E-07	4.9E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	6.4E-09	1.5E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	3.9E-07
199 UCART3	593087.6	4122999.92	593087.59, 4122999.92	5.01E-04	2.69E-04	1.7E-07	5.2E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	6.8E-09	1.6E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	4.2E-07
200 UCART3	593127.6	4122999.92	593127.59, 4122999.92	5.63E-04	3.11E-04	1.9E-07	5.9E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	7.7E-09	1.8E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	4.8E-07
201 UCART3	593167.6	4122999.92	593167.59, 4122999.92	6.34E-04	3.38E-04	2.2E-07	6.6E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	8.6E-09	2.1E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	5.3E-07
202 UCART3	593207.6	4122999.92	593207.59, 4122999.92	6.98E-04	3.65E-04	2.4E-07	7.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	9.5E-09	2.3E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	5.8E-07

203	UCART3	593247.6	4122999.92	593247.59, 4122999.92	7.81E-04	3.94E-04	2.7E-07	8.2E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	1.1E-08	2.6E-07	2.4E-07	3.7E-08	7.1E-08	1.5E-08	6.3E-07
204	UCART3	593287.6	4122999.92	593287.59, 4122999.92	8.55E-04	4.23E-04	3.0E-07	8.9E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	1.2E-08	2.8E-07	2.6E-07	3.9E-08	7.7E-08	1.6E-08	6.9E-07
205	UCART3	593327.6	4122999.92	593327.59, 4122999.92	9.53E-04	4.56E-04	3.3E-07	1.0E-06	4.8E-07	2.8E-07	2.5E-07	1.1E-07	1.3E-08	3.1E-07	2.8E-07	4.2E-08	8.3E-08	1.7E-08	7.5E-07
206	UCART3	593367.6	4122999.92	593367.59, 4122999.92	1.04E-03	4.90E-04	3.6E-07	1.1E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	1.4E-08	3.4E-07	3.0E-07	4.5E-08	8.9E-08	1.9E-08	8.1E-07
207	UCART3	593407.6	4122999.92	593407.59, 4122999.92	1.15E-03	5.33E-04	4.0E-07	1.2E-06	5.6E-07	3.2E-07	2.9E-07	1.3E-07	1.6E-08	3.8E-07	3.3E-07	4.9E-08	9.6E-08	2.0E-08	8.9E-07
208	UCART3	593447.6	4122999.92	593447.59, 4122999.92	1.24E-03	5.82E-04	4.3E-07	1.3E-06	6.1E-07	3.5E-07	3.2E-07	1.5E-07	1.7E-08	4.1E-07	3.6E-07	5.4E-08	1.1E-07	2.2E-08	9.7E-07
209	UCART3	593487.6	4122999.92	593487.59, 4122999.92	1.36E-03	6.43E-04	4.7E-07	1.4E-06	6.7E-07	3.9E-07	3.5E-07	1.6E-07	1.9E-08	4.5E-07	4.0E-07	6.0E-08	1.2E-07	2.4E-08	1.1E-06
210	UCART3	593527.6	4122999.92	593527.59, 4122999.92	1.48E-03	7.08E-04	5.1E-07	1.5E-06	7.4E-07	4.3E-07	3.9E-07	1.8E-07	2.0E-08	4.9E-07	4.4E-07	6.6E-08	1.3E-07	2.7E-08	1.2E-06
211	UCART3	593567.6	4122999.92	593567.59, 4122999.92	1.63E-03	7.79E-04	5.6E-07	1.7E-06	8.1E-07	4.7E-07	4.3E-07	1.9E-07	2.2E-08	5.3E-07	4.8E-07	7.2E-08	1.4E-07	3.0E-08	1.3E-06
212	UCART3	593607.6	4122999.92	593607.59, 4122999.92	1.78E-03	8.49E-04	6.2E-07	1.9E-06	8.9E-07	5.1E-07	4.7E-07	2.1E-07	2.4E-08	5.9E-07	5.2E-07	7.9E-08	1.5E-07	3.2E-08	1.4E-06
213	UCART3	593647.6	4122999.92	593647.59, 4122999.92	1.98E-03	9.21E-04	6.8E-07	2.1E-06	9.6E-07	5.6E-07	5.0E-07	2.3E-07	2.7E-08	6.5E-07	5.7E-07	8.5E-08	1.7E-07	3.5E-08	1.5E-06
214	UCART3	593687.6	4122999.92	593687.59, 4122999.92	2.21E-03	9.90E-04	7.7E-07	2.3E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	3.0E-08	7.3E-07	6.1E-07	9.2E-08	1.8E-07	3.8E-08	1.7E-06
215	UCART3	593727.6	4122999.92	593727.59, 4122999.92	2.50E-03	1.05E-03	8.7E-07	2.6E-06	1.1E-06	6.4E-07	5.8E-07	2.6E-07	3.4E-08	8.2E-07	6.5E-07	9.8E-08	1.9E-07	4.0E-08	1.8E-06
216	UCART3	593767.6	4122999.92	593767.59, 4122999.92	2.81E-03	1.10E-03	9.7E-07	2.9E-06	1.2E-06	6.7E-07	6.1E-07	2.8E-07	3.8E-08	9.2E-07	6.8E-07	1.0E-07	2.0E-07	4.2E-08	2.0E-06
217	UCART3	593807.6	4122999.92	593807.59, 4122999.92	3.10E-03	1.14E-03	1.1E-06	3.2E-06	1.2E-06	6.9E-07	6.2E-07	2.8E-07	4.2E-08	1.0E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	2.1E-06
218	UCART3	593847.6	4122999.92	593847.59, 4122999.92	3.36E-03	1.15E-03	1.2E-06	3.5E-06	1.2E-06	7.0E-07	6.3E-07	2.9E-07	4.6E-08	1.1E-06	7.1E-07	1.1E-07	2.1E-07	4.4E-08	2.2E-06
219	UCART3	593887.6	4122999.92	593887.59, 4122999.92	3.55E-03	1.14E-03	1.2E-06	3.7E-06	1.2E-06	6.9E-07	6.3E-07	2.9E-07	4.8E-08	1.2E-06	7.0E-07	1.1E-07	2.1E-07	4.3E-08	2.3E-06
220	UCART3	593927.6	4122999.92	593927.59, 4122999.92	3.64E-03	1.12E-03	1.3E-06	3.8E-06	1.2E-06	6.8E-07	6.1E-07	2.8E-07	5.0E-08	1.2E-06	6.9E-07	1.0E-07	2.0E-07	4.3E-08	2.3E-06
221	UCART3	593967.6	4122999.92	593967.59, 4122999.92	3.66E-03	1.08E-03	1.3E-06	3.8E-06	1.1E-06	6.6E-07	5.9E-07	2.7E-07	5.0E-08	1.2E-06	6.7E-07	1.0E-07	2.0E-07	4.1E-08	2.3E-06
222	UCART3	594007.6	4122999.92	594007.59, 4122999.92	3.59E-03	1.03E-03	1.2E-06	3.8E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	4.9E-08	1.2E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	2.2E-06
223	UCART3	592567.6	4123039.92	592567.59, 4123039.92	2.40E-04	1.09E-04	8.3E-08	2.5E-07	1.1E-07	6.6E-08	6.0E-08	2.7E-08	3.3E-09	7.9E-08	6.7E-08	1.0E-08	2.0E-08	4.1E-09	1.8E-07
224	UCART3	592607.6	4123039.92	592607.59, 4123039.92	2.48E-04	1.09E-04	8.6E-08	2.6E-07	1.1E-07	6.6E-08	6.0E-08	2.7E-08	3.4E-09	8.1E-08	6.7E-08	1.0E-08	2.0E-08	4.1E-09	1.9E-07
225	UCART3	592647.6	4123039.92	592647.59, 4123039.92	2.59E-04	1.14E-04	9.0E-08	2.7E-07	1.2E-07	6.9E-08	6.3E-08	2.9E-08	3.5E-09	8.5E-08	7.0E-08	1.1E-08	2.1E-08	4.3E-09	1.9E-07
226	UCART3	592687.6	4123039.92	592687.59, 4123039.92	2.73E-04	1.22E-04	9.5E-08	2.9E-07	1.3E-07	7.4E-08	6.7E-08	3.0E-08	3.7E-09	9.0E-08	7.5E-08	1.1E-08	2.2E-08	4.6E-09	2.1E-07
227	UCART3	592727.6	4123039.92	592727.59, 4123039.92	2.89E-04	1.31E-04	1.0E-07	3.0E-07	1.4E-07	7.9E-08	7.2E-08	3.3E-08	3.9E-09	9.5E-08	8.1E-08	1.2E-08	2.4E-08	5.0E-09	2.2E-07
228	UCART3	592767.6	4123039.92	592767.59, 4123039.92	3.08E-04	1.42E-04	1.1E-07	3.2E-07	1.5E-07	8.6E-08	7.8E-08	3.6E-08	4.2E-09	1.0E-07	8.7E-08	1.3E-08	2.6E-08	5.4E-09	2.4E-07
229	UCART3	592807.6	4123039.92	592807.59, 4123039.92	3.28E-04	1.53E-04	1.1E-07	3.4E-07	1.6E-07	9.3E-08	8.4E-08	3.8E-08	4.5E-09	1.1E-07	9.4E-08	1.4E-08	2.8E-08	5.8E-09	2.5E-07
230	UCART3	592847.6	4123039.92	592847.59, 4123039.92	3.50E-04	1.66E-04	1.2E-07	3.7E-07	1.7E-07	1.0E-07	9.1E-08	4.2E-08	4.8E-09	1.1E-07	1.0E-07	1.5E-08	3.0E-08	6.3E-09	2.7E-07
231	UCART3	592887.6	4123039.92	592887.59, 4123039.92	3.74E-04	1.81E-04	1.3E-07	3.9E-07	1.9E-07	1.1E-07	9.9E-08	4.5E-08	5.1E-09	1.2E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	3.0E-07
232	UCART3	592927.6	4123039.92	592927.59, 4123039.92	4.03E-04	2.00E-04	1.4E-07	4.2E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	5.5E-09	1.3E-07	1.2E-07	1.9E-08	3.6E-08	7.6E-09	3.2E-07
233	UCART3	592967.6	4123039.92	592967.59, 4123039.92	4.36E-04	2.22E-04	1.5E-07	4.6E-07	2.3E-07	1.3E-07	1.2E-07	5.6E-08	5.9E-09	1.4E-07	1.4E-07	2.1E-08	4.0E-08	8.5E-09	3.6E-07
234	UCART3	593007.6	4123039.92	593007.59, 4123039.92	4.78E-04	2.60E-04	1.7E-07	5.0E-07	2.7E-07	1.6E-07	1.4E-07	6.5E-08	6.5E-09	1.6E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	4.0E-07
235	UCART3	593047.6	4123039.92	593047.59, 4123039.92	5.23E-04	3.00E-04	1.8E-07	5.5E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	7.1E-09	1.7E-07	1.8E-07	2.8E-08	5.4E-08	1.1E-08	4.6E-07
236	UCART3	593087.6	4123039.92	593087.59, 4123039.92	5.64E-04	3.12E-04	2.0E-07	5.9E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	7.7E-09	1.9E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	4.8E-07
237	UCART3	593127.6	4123039.92	593127.59, 4123039.92	6.42E-04	3.64E-04	2.2E-07	6.7E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	8.7E-09	2.1E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	5.6E-07
238	UCART3	593167.6	4123039.92	593167.59, 4123039.92	7.30E-04	3.99E-04	2.5E-07	7.6E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	9.9E-09	2.4E-07	2.5E-07	3.7E-08	7.2E-08	1.5E-08	6.2E-07
239	UCART3	593207.6	4123039.92	593207.59, 4123039.92	8.14E-04	4.36E-04	2.8E-07	8.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	1.1E-08	2.7E-07	2.7E-07	4.0E-08	7.9E-08	1.7E-08	6.8E-07
240	UCART3	593247.6	4123039.92	593247.59, 4123039.92	9.12E-04	4.76E-04	3.2E-07	9.5E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	1.2E-08	3.0E-07	2.9E-07	4.4E-08	8.6E-08	1.8E-08	7.5E-07
241	UCART3	593287.6	4123039.92	593287.59, 4123039.92	1.01E-03	5.17E-04	3.5E-07	1.1E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	1.4E-08	3.3E-07	3.2E-07	4.8E-08	9.4E-08	2.0E-08	8.2E-07
242	UCART3	593327.6	4123039.92	593327.59, 4123039.92	1.14E-03	5.64E-04	3.9E-07	1.2E-06	5.9E-07	3.4E-07	3.1E-07	1.4E-07	1.6E-08	3.7E-07	3.5E-07	5.2E-08	1.0E-07	2.1E-08	9.1E-07
243	UCART3	593367.6	4123039.92	593367.59, 4123039.92	1.26E-03	6.11E-04	4.3E-07	1.3E-06	6.4E-07	3.7E-07	3.4E-07	1.5E-07	1.7E-08	4.1E-07	3.8E-07	5.7E-08	1.1E-07	2.3E-08	1.0E-06
244	UCART3	593407.6	4123039.92	593407.59, 4123039.92	1.40E-03	6.71E-04	4.9E-07	1.5E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	1.9E-08	4.6E-07	4.1E-07	6.2E-08	1.2E-07	2.6E-08	1.1E-06
245	UCART3	593447.6	4123039.92	593447.59, 4123039.92	1.54E-03	7.40E-04	5.3E-07	1.6E-06	7.7E-07	4.5E-07	4.1E-07	1.9E-07	2.1E-08	5.1E-07	4.6E-07	6.9E-08	1.3E-07	2.8E-08	1.2E-06
246	UCART3	593487.6	4123039.92	593487.59, 4123039.92	1.71E-03	8.26E-04	5.9E-07	1.8E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	2.3E-08	5.6E-07	5.1E-07	7.7E-08	1.5E-07	3.1E-08	1.4E-06
247	UCART3	593527.6	4123039.92	593527.59, 4123039.92	1.89E-03	9.16E-04	6.5E-07	2.0E-06	9.6E-07	5.5E-07	5.0E-07	2.3E-07	2.6E-08	6.2E-07	5.6E-07	8.5E-08	1.7E-07	3.5E-08	1.5E-06
248	UCART3	593567.6	4123039.92	593567.59, 4123039.92	2.11E-03	1.01E-03	7.3E-07	2.2E-06	1.1E-06	6.1E-07	5.5E-07	2.5E-07	2.9E-08	6.9E-07	6.2E-07	9.4E-08	1.8E-07	3.8E-08	1.7E-06
249	UCART3	593607.6	4123039.92	593607.59, 4123039.92	2.36E-03	1.10E-03	8.2E-07	2.5E-06	1.1E-06	6.7E-07	6.0E-07	2.8E-07	3.2E-08	7.7E-07	6.8E-07	1.0E-07	2.0E-07	4.2E-08	1.8E-06
250	UCART3	593647.6	4123039.92	593647.59, 4123039.92	2.66E-03	1.19E-03	9.2E-07	2.8E-06	1.2E-06	7.2E-07	6.5E-07	3.0E-07	3.6E-08	8.7E-07	7.3E-07	1.1E-07	2.2E-07	4.5E-08	2.0E-06
251	UCART3	593687.6	4123039.92	593687.59, 4123039.92	3.03E-03	1.27E-03	1.0E-06	3.2E-06	1.3E-06	7.7E-07	7.0E-07	3.2E-07	4.1E-08	1.0E-06	7.8E-07	1.2E-07	2.3E-07	4.8E-08	2.2E-06
252	UCART3	593727.6	4123039.92	593727.59, 4123039.92	3.45E-03	1.33E-03	1.2E-06	3.6E-06	1.4E-06	8.1E-07	7.3E-07	3.3E-07	4.7E-08	1.1E-06	8.2E-07	1.2E-07	2.4E-07	5.1E-08	2.4E-06
253	UCART3	593767.6	4123039.92	593767.59, 4123039.92	3.87E-03	1.37E-03	1.3E-06	4.0E-06	1.4E-06	8.3E-07	7.5E-07	3.4E-07	5.3E-08	1.3E-06	8.5E-07	1.3E-07	2.5E-07	5.2E-08	2.6E-06
254	UCART3	593807.6	4123039.92	593807.59, 4123039.92	4.24E-03	1.38E-03	1.5E-06	4.4E-06	1.4E-06	8.4E-07	7.6E-07	3.5E-07	5.8E-08	1.4E-06	8.5E-07	1.3E-07	2.5E-07	5.3E-08	2.7E-06
255	UCART3	593847.6	4123039.92	593847.59, 4123039.92	4.49E-03	1.37E-03	1.6E-06	4.7E-06	1.4E-06	8.3E-07	7.5E-07	3.4E-07	6.1E-08	1.5E-06	8.4E-07	1.3E-07	2.5E-07	5.2E-08	2.8E-06

256	UCART3	593887.6	4123039.92	593887.59, 4123039.92	4.61E-03	1.33E-03	1.6E-06	4.8E-06	1.4E-06	8.1E-07	7.3E-07	3.3E-07	6.3E-08	1.5E-06	8.2E-07	1.2E-07	2.4E-07	5.1E-08	2.8E-06
257	UCART3	593927.6	4123039.92	593927.59, 4123039.92	4.59E-03	1.28E-03	1.6E-06	4.8E-06	1.3E-06	7.7E-07	7.0E-07	3.2E-07	6.2E-08	1.5E-06	7.9E-07	1.2E-07	2.3E-07	4.9E-08	2.8E-06
258	UCART3	593967.6	4123039.92	593967.59, 4123039.92	4.47E-03	1.21E-03	1.5E-06	4.7E-06	1.3E-06	7.3E-07	6.6E-07	3.0E-07	6.1E-08	1.5E-06	7.4E-07	1.1E-07	2.2E-07	4.6E-08	2.6E-06
259	UCART3	594007.6	4123039.92	594007.59, 4123039.92	4.25E-03	1.13E-03	1.5E-06	4.4E-06	1.2E-06	6.8E-07	6.2E-07	2.8E-07	5.8E-08	1.4E-06	7.0E-07	1.0E-07	2.0E-07	4.3E-08	2.5E-06
260	UCART3	592567.6	4123079.92	592567.59, 4123079.92	2.56E-04	1.22E-04	8.8E-08	2.7E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	3.5E-09	8.4E-08	7.5E-08	1.1E-08	2.2E-08	4.7E-09	2.0E-07
261	UCART3	592607.6	4123079.92	592607.59, 4123079.92	2.66E-04	1.22E-04	9.2E-08	2.8E-07	1.3E-07	7.4E-08	6.7E-08	3.1E-08	3.6E-09	8.7E-08	7.5E-08	1.1E-08	2.2E-08	4.6E-09	2.0E-07
262	UCART3	592647.6	4123079.92	592647.59, 4123079.92	2.77E-04	1.25E-04	9.6E-08	2.9E-07	1.3E-07	7.6E-08	6.9E-08	3.1E-08	3.8E-09	9.1E-08	7.7E-08	1.2E-08	2.3E-08	4.8E-09	2.1E-07
263	UCART3	592687.6	4123079.92	592687.59, 4123079.92	2.93E-04	1.34E-04	1.0E-07	3.1E-07	1.4E-07	8.1E-08	7.3E-08	3.4E-08	4.0E-09	9.6E-08	8.3E-08	1.2E-08	2.4E-08	5.1E-09	2.2E-07
264	UCART3	592727.6	4123079.92	592727.59, 4123079.92	3.11E-04	1.44E-04	1.1E-07	3.3E-07	1.5E-07	8.7E-08	7.9E-08	3.6E-08	4.2E-09	1.0E-07	8.9E-08	1.3E-08	2.6E-08	5.5E-09	2.4E-07
265	UCART3	592767.6	4123079.92	592767.59, 4123079.92	3.32E-04	1.57E-04	1.1E-07	3.5E-07	1.6E-07	9.5E-08	8.6E-08	3.9E-08	4.5E-09	1.1E-07	9.7E-08	1.5E-08	2.8E-08	6.0E-09	2.6E-07
266	UCART3	592807.6	4123079.92	592807.59, 4123079.92	3.55E-04	1.70E-04	1.2E-07	3.7E-07	1.8E-07	1.0E-07	9.3E-08	4.3E-08	4.8E-09	1.2E-07	1.0E-07	1.6E-08	3.1E-08	6.5E-09	2.8E-07
267	UCART3	592847.6	4123079.92	592847.59, 4123079.92	3.81E-04	1.86E-04	1.3E-07	4.0E-07	1.9E-07	1.1E-07	1.0E-07	4.7E-08	5.2E-09	1.3E-07	1.1E-07	1.7E-08	3.4E-08	7.1E-09	3.0E-07
268	UCART3	592887.6	4123079.92	592887.59, 4123079.92	4.11E-04	2.05E-04	1.4E-07	4.3E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	5.6E-09	1.3E-07	1.3E-07	1.9E-08	3.7E-08	7.8E-09	3.3E-07
269	UCART3	592927.6	4123079.92	592927.59, 4123079.92	4.47E-04	2.29E-04	1.5E-07	4.7E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	6.1E-09	1.5E-07	1.4E-07	2.1E-08	4.1E-08	8.7E-09	3.7E-07
270	UCART3	592967.6	4123079.92	592967.59, 4123079.92	4.86E-04	2.67E-04	1.7E-07	5.1E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	6.6E-09	1.6E-07	1.6E-07	2.5E-08	4.8E-08	1.0E-08	4.1E-07
271	UCART3	593007.6	4123079.92	593007.59, 4123079.92	5.36E-04	3.12E-04	1.9E-07	5.6E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	7.3E-09	1.8E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	4.7E-07
272	UCART3	593047.6	4123079.92	593047.59, 4123079.92	5.91E-04	3.47E-04	2.0E-07	6.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	8.0E-09	1.9E-07	2.1E-07	3.2E-08	6.3E-08	1.3E-08	5.2E-07
273	UCART3	593087.6	4123079.92	593087.59, 4123079.92	6.55E-04	3.87E-04	2.3E-07	6.8E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	8.9E-09	2.2E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	5.8E-07
274	UCART3	593127.6	4123079.92	593127.59, 4123079.92	7.36E-04	4.30E-04	2.5E-07	7.7E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	1.0E-08	2.4E-07	2.7E-07	4.0E-08	7.8E-08	1.6E-08	6.5E-07
275	UCART3	593167.6	4123079.92	593167.59, 4123079.92	8.33E-04	4.78E-04	2.9E-07	8.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	1.1E-08	2.7E-07	2.9E-07	4.4E-08	8.7E-08	1.8E-08	7.3E-07
276	UCART3	593207.6	4123079.92	593207.59, 4123079.92	9.44E-04	5.31E-04	3.3E-07	9.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	1.3E-08	3.1E-07	3.3E-07	4.9E-08	9.6E-08	2.0E-08	8.2E-07
277	UCART3	593247.6	4123079.92	593247.59, 4123079.92	1.08E-03	5.92E-04	3.7E-07	1.1E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	1.5E-08	3.5E-07	3.6E-07	5.5E-08	1.1E-07	2.3E-08	9.2E-07
278	UCART3	593287.6	4123079.92	593287.59, 4123079.92	1.21E-03	6.53E-04	4.2E-07	1.3E-06	6.8E-07	4.0E-07	3.6E-07	1.6E-07	1.6E-08	4.0E-07	4.0E-07	6.1E-08	1.2E-07	2.5E-08	1.0E-06
279	UCART3	593327.6	4123079.92	593327.59, 4123079.92	1.39E-03	7.22E-04	4.8E-07	1.4E-06	7.5E-07	4.4E-07	4.0E-07	1.8E-07	1.9E-08	4.6E-07	4.4E-07	6.7E-08	1.3E-07	2.7E-08	1.1E-06
280	UCART3	593367.6	4123079.92	593367.59, 4123079.92	1.55E-03	7.90E-04	5.4E-07	1.6E-06	8.3E-07	4.8E-07	4.3E-07	2.0E-07	2.1E-08	5.1E-07	4.9E-07	7.3E-08	1.4E-07	3.0E-08	1.3E-06
281	UCART3	593407.6	4123079.92	593407.59, 4123079.92	1.75E-03	8.77E-04	6.1E-07	1.8E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	2.4E-08	5.8E-07	5.4E-07	8.1E-08	1.6E-07	3.3E-08	1.4E-06
282	UCART3	593447.6	4123079.92	593447.59, 4123079.92	1.96E-03	9.79E-04	6.8E-07	2.0E-06	1.0E-06	5.9E-07	5.4E-07	2.4E-07	2.7E-08	6.4E-07	6.0E-07	9.1E-08	1.8E-07	3.7E-08	1.6E-06
283	UCART3	593487.6	4123079.92	593487.59, 4123079.92	2.22E-03	1.10E-03	7.7E-07	2.3E-06	1.2E-06	6.7E-07	6.0E-07	2.8E-07	3.0E-08	7.3E-07	6.8E-07	1.0E-07	2.0E-07	4.2E-08	1.8E-06
284	UCART3	593527.6	4123079.92	593527.59, 4123079.92	2.50E-03	1.22E-03	8.7E-07	2.6E-06	1.3E-06	7.4E-07	6.7E-07	3.1E-07	3.4E-08	8.2E-07	7.5E-07	1.1E-07	2.2E-07	4.7E-08	2.0E-06
285	UCART3	593567.6	4123079.92	593567.59, 4123079.92	2.87E-03	1.34E-03	9.9E-07	3.0E-06	1.4E-06	8.1E-07	7.4E-07	3.4E-07	3.9E-08	9.4E-07	8.3E-07	1.2E-07	2.4E-07	5.1E-08	2.2E-06
286	UCART3	593607.6	4123079.92	593607.59, 4123079.92	3.26E-03	1.46E-03	1.1E-06	3.4E-06	1.5E-06	8.8E-07	8.0E-07	3.6E-07	4.4E-08	1.1E-06	9.0E-07	1.4E-07	2.6E-07	5.5E-08	2.5E-06
287	UCART3	593647.6	4123079.92	593647.59, 4123079.92	3.76E-03	1.56E-03	1.3E-06	3.9E-06	1.6E-06	9.4E-07	8.6E-07	3.9E-07	5.1E-08	1.2E-06	9.6E-07	1.4E-07	2.8E-07	5.9E-08	2.7E-06
288	UCART3	593687.6	4123079.92	593687.59, 4123079.92	4.35E-03	1.64E-03	1.5E-06	4.6E-06	1.7E-06	9.9E-07	9.0E-07	4.1E-07	5.9E-08	1.4E-06	1.0E-06	1.5E-07	3.0E-07	6.3E-08	3.0E-06
289	UCART3	593727.6	4123079.92	593727.59, 4123079.92	4.97E-03	1.69E-03	1.7E-06	5.2E-06	1.8E-06	1.0E-06	9.3E-07	4.2E-07	6.8E-08	1.6E-06	1.0E-06	1.6E-07	3.1E-07	6.4E-08	3.3E-06
290	UCART3	593767.6	4123079.92	593767.59, 4123079.92	5.50E-03	1.70E-03	1.9E-06	5.8E-06	1.8E-06	1.0E-06	9.3E-07	4.3E-07	7.5E-08	1.8E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	3.5E-06
291	UCART3	593807.6	4123079.92	593807.59, 4123079.92	5.86E-03	1.67E-03	2.0E-06	6.1E-06	1.7E-06	1.0E-06	9.2E-07	4.2E-07	8.0E-08	1.9E-06	1.0E-06	1.6E-07	3.0E-07	6.4E-08	3.6E-06
292	UCART3	593847.6	4123079.92	593847.59, 4123079.92	6.00E-03	1.61E-03	2.1E-06	6.3E-06	1.7E-06	9.8E-07	8.8E-07	4.0E-07	8.2E-08	2.0E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	3.5E-06
293	UCART3	593887.6	4123079.92	593887.59, 4123079.92	5.92E-03	1.53E-03	2.1E-06	6.2E-06	1.6E-06	9.2E-07	8.4E-07	3.8E-07	8.1E-08	1.9E-06	9.4E-07	1.4E-07	2.8E-07	5.8E-08	3.4E-06
294	UCART3	593927.6	4123079.92	593927.59, 4123079.92	5.68E-03	1.43E-03	2.0E-06	5.9E-06	1.5E-06	8.6E-07	7.8E-07	3.6E-07	7.7E-08	1.9E-06	8.8E-07	1.3E-07	2.6E-07	5.4E-08	3.3E-06
295	UCART3	593967.6	4123079.92	593967.59, 4123079.92	5.32E-03	1.31E-03	1.8E-06	5.6E-06	1.4E-06	7.9E-07	7.2E-07	3.3E-07	7.2E-08	1.7E-06	8.1E-07	1.2E-07	2.4E-07	5.0E-08	3.0E-06
296	UCART3	594007.6	4123079.92	594007.59, 4123079.92	4.87E-03	1.20E-03	1.7E-06	5.1E-06	1.3E-06	7.3E-07	6.6E-07	3.0E-07	6.6E-08	1.6E-06	7.4E-07	1.1E-07	2.2E-07	4.6E-08	2.8E-06
297	UCART3	592567.6	4123119.92	592567.59, 4123119.92	2.70E-04	1.35E-04	9.4E-08	2.8E-07	1.4E-07	8.1E-08	7.4E-08	3.4E-08	3.7E-09	8.9E-08	8.3E-08	1.2E-08	2.4E-08	5.1E-09	2.2E-07
298	UCART3	592607.6	4123119.92	592607.59, 4123119.92	2.86E-04	1.44E-04	9.9E-08	3.0E-07	1.5E-07	8.7E-08	7.9E-08	3.6E-08	3.9E-09	9.4E-08	8.9E-08	1.3E-08	2.6E-08	5.5E-09	2.3E-07
299	UCART3	592647.6	4123119.92	592647.59, 4123119.92	2.98E-04	1.41E-04	1.0E-07	3.1E-07	1.5E-07	8.5E-08	7.7E-08	3.5E-08	4.1E-09	9.8E-08	8.7E-08	1.3E-08	2.6E-08	5.4E-09	2.3E-07
300	UCART3	592687.6	4123119.92	592687.59, 4123119.92	3.14E-04	1.48E-04	1.1E-07	3.3E-07	1.6E-07	9.0E-08	8.1E-08	3.7E-08	4.3E-09	1.0E-07	9.1E-08	1.4E-08	2.7E-08	5.6E-09	2.5E-07
301	UCART3	592727.6	4123119.92	592727.59, 4123119.92	3.35E-04	1.60E-04	1.2E-07	3.5E-07	1.7E-07	9.7E-08	8.8E-08	4.0E-08	4.6E-09	1.1E-07	9.9E-08	1.5E-08	2.9E-08	6.1E-09	2.6E-07
302	UCART3	592767.6	4123119.92	592767.59, 4123119.92	3.59E-04	1.75E-04	1.2E-07	3.8E-07	1.8E-07	1.1E-07	9.6E-08	4.4E-08	4.9E-09	1.2E-07	1.1E-07	1.6E-08	3.2E-08	6.6E-09	2.8E-07
303	UCART3	592807.6	4123119.92	592807.59, 4123119.92	3.85E-04	1.90E-04	1.3E-07	4.0E-07	2.0E-07	1.2E-07	1.0E-07	4.8E-08	5.2E-09	1.3E-07	1.2E-07	1.8E-08	3.4E-08	7.2E-09	3.1E-07
304	UCART3	592847.6	4123119.92	592847.59, 4123119.92	4.16E-04	2.09E-04	1.4E-07	4.3E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	5.7E-09	1.4E-07	1.3E-07	1.9E-08	3.8E-08	8.0E-09	3.4E-07
305	UCART3	592887.6	4123119.92	592887.59, 4123119.92	4.52E-04	2.34E-04	1.6E-07	4.7E-07	2.4E-07	1.4E-07	1.3E-07	5.9E-08	6.1E-09	1.5E-07	1.4E-07	2.2E-08	4.2E-08	8.9E-09	3.7E-07
306	UCART3	592927.6	4123119.92	592927.59, 4123119.92	4.96E-04	2.75E-04	1.7E-07	5.2E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	6.7E-09	1.6E-07	1.7E-07	2.5E-08	5.0E-08	1.0E-08	4.2E-07
307	UCART3	592967.6	4123119.92	592967.59, 4123119.92	5.45E-04	3.09E-04	1.9E-07	5.7E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	7.4E-09	1.8E-07	1.9E-07	2.9E-08	5.6E-08	1.2E-08	4.7E-07
308	UCART3	593007.6	4123119.92	593007.59, 4123119.92	6.03E-04	3.62E-04	2.1E-07	6.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	8.2E-09	2.0E-07	2.2E-07	3.4E-08	6.6E-08	1.4E-08	5.4E-07

309	UCART3	593047.6	4123119.92	593047.59, 4123119.92	6.71E-04	4.07E-04	2.3E-07	7.0E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	9.1E-09	2.2E-07	2.5E-07	3.8E-08	7.4E-08	1.5E-08	6.1E-07
310	UCART3	593087.6	4123119.92	593087.59, 4123119.92	7.54E-04	4.59E-04	2.6E-07	7.9E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	1.0E-08	2.5E-07	2.8E-07	4.3E-08	8.3E-08	1.7E-08	6.8E-07
311	UCART3	593127.6	4123119.92	593127.59, 4123119.92	8.61E-04	5.19E-04	3.0E-07	9.0E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	1.2E-08	2.8E-07	3.2E-07	4.8E-08	9.4E-08	2.0E-08	7.8E-07
312	UCART3	593167.6	4123119.92	593167.59, 4123119.92	9.80E-04	5.88E-04	3.4E-07	1.0E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	1.3E-08	3.2E-07	3.6E-07	5.5E-08	1.1E-07	2.2E-08	8.8E-07
313	UCART3	593207.6	4123119.92	593207.59, 4123119.92	1.12E-03	6.71E-04	3.9E-07	1.2E-06	7.0E-07	4.1E-07	3.7E-07	1.7E-07	1.5E-08	3.7E-07	4.1E-07	6.2E-08	1.2E-07	2.6E-08	1.0E-06
314	UCART3	593247.6	4123119.92	593247.59, 4123119.92	1.30E-03	7.69E-04	4.5E-07	1.4E-06	8.0E-07	4.7E-07	4.2E-07	1.9E-07	1.8E-08	4.3E-07	4.7E-07	7.1E-08	1.4E-07	2.9E-08	1.2E-06
315	UCART3	593287.6	4123119.92	593287.59, 4123119.92	1.49E-03	8.68E-04	5.2E-07	1.6E-06	9.1E-07	5.2E-07	4.8E-07	2.2E-07	2.0E-08	4.9E-07	5.3E-07	8.0E-08	1.6E-07	3.3E-08	1.3E-06
316	UCART3	593327.6	4123119.92	593327.59, 4123119.92	1.72E-03	9.68E-04	6.0E-07	1.8E-06	1.0E-06	5.9E-07	5.3E-07	2.4E-07	2.3E-08	5.7E-07	6.0E-07	9.0E-08	1.8E-07	3.7E-08	1.5E-06
317	UCART3	593367.6	4123119.92	593367.59, 4123119.92	1.96E-03	1.07E-03	6.8E-07	2.0E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	2.7E-08	6.4E-07	6.6E-07	9.9E-08	1.9E-07	4.1E-08	1.7E-06
318	UCART3	593407.6	4123119.92	593407.59, 4123119.92	2.25E-03	1.21E-03	7.8E-07	2.4E-06	1.3E-06	7.3E-07	6.6E-07	3.0E-07	3.1E-08	7.4E-07	7.4E-07	1.1E-07	2.2E-07	4.6E-08	1.9E-06
319	UCART3	593447.6	4123119.92	593447.59, 4123119.92	2.58E-03	1.36E-03	8.9E-07	2.7E-06	1.4E-06	8.3E-07	7.5E-07	3.4E-07	3.5E-08	8.5E-07	8.4E-07	1.3E-07	2.5E-07	5.2E-08	2.1E-06
320	UCART3	593487.6	4123119.92	593487.59, 4123119.92	3.00E-03	1.54E-03	1.0E-06	3.1E-06	1.6E-06	9.3E-07	8.4E-07	3.9E-07	4.1E-08	9.8E-07	9.5E-07	1.4E-07	2.8E-07	5.9E-08	2.5E-06
321	UCART3	593527.6	4123119.92	593527.59, 4123119.92	3.49E-03	1.70E-03	1.2E-06	3.6E-06	1.8E-06	1.0E-06	9.3E-07	4.2E-07	4.7E-08	1.1E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	2.8E-06
322	UCART3	593567.6	4123119.92	593567.59, 4123119.92	4.11E-03	1.84E-03	1.4E-06	4.3E-06	1.9E-06	1.1E-06	1.0E-06	4.6E-07	5.6E-08	1.3E-06	1.1E-06	1.7E-07	3.3E-07	7.0E-08	3.1E-06
323	UCART3	593607.6	4123119.92	593607.59, 4123119.92	4.81E-03	1.97E-03	1.7E-06	5.0E-06	2.1E-06	1.2E-06	1.1E-06	4.9E-07	6.5E-08	1.6E-06	1.2E-06	1.8E-07	3.6E-07	7.5E-08	3.5E-06
324	UCART3	593647.6	4123119.92	593647.59, 4123119.92	5.68E-03	2.08E-03	2.0E-06	5.9E-06	2.2E-06	1.3E-06	1.1E-06	5.2E-07	7.7E-08	1.9E-06	1.3E-06	1.9E-07	3.8E-07	7.9E-08	3.9E-06
325	UCART3	593687.6	4123119.92	593687.59, 4123119.92	6.65E-03	2.14E-03	2.3E-06	6.9E-06	2.2E-06	1.3E-06	1.2E-06	5.4E-07	9.0E-08	2.2E-06	1.3E-06	2.0E-07	3.9E-07	8.1E-08	4.3E-06
326	UCART3	593727.6	4123119.92	593727.59, 4123119.92	7.49E-03	2.14E-03	2.6E-06	7.8E-06	2.2E-06	1.3E-06	1.2E-06	5.4E-07	1.0E-07	2.5E-06	1.3E-06	2.0E-07	3.9E-07	8.2E-08	4.5E-06
327	UCART3	593767.6	4123119.92	593767.59, 4123119.92	7.99E-03	2.09E-03	2.8E-06	8.4E-06	2.2E-06	1.3E-06	1.1E-06	5.2E-07	1.1E-07	2.6E-06	1.3E-06	1.9E-07	3.8E-07	7.9E-08	4.7E-06
328	UCART3	593807.6	4123119.92	593807.59, 4123119.92	8.11E-03	1.99E-03	2.8E-06	8.5E-06	2.1E-06	1.2E-06	1.1E-06	5.0E-07	1.1E-07	2.7E-06	1.2E-06	1.8E-07	3.6E-07	7.6E-08	4.6E-06
329	UCART3	593847.6	4123119.92	593847.59, 4123119.92	7.89E-03	1.85E-03	2.7E-06	8.2E-06	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.1E-07	2.6E-06	1.1E-06	1.7E-07	3.4E-07	7.1E-08	4.4E-06
330	UCART3	593887.6	4123119.92	593887.59, 4123119.92	7.42E-03	1.70E-03	2.6E-06	7.8E-06	1.8E-06	1.0E-06	9.3E-07	4.3E-07	1.0E-07	2.4E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	4.1E-06
331	UCART3	593927.6	4123119.92	593927.59, 4123119.92	6.80E-03	1.54E-03	2.4E-06	7.1E-06	1.6E-06	9.3E-07	8.5E-07	3.9E-07	9.2E-08	2.2E-06	9.5E-07	1.4E-07	2.8E-07	5.9E-08	3.8E-06
332	UCART3	593967.6	4123119.92	593967.59, 4123119.92	6.10E-03	1.38E-03	2.1E-06	6.4E-06	1.4E-06	8.4E-07	7.6E-07	3.5E-07	8.3E-08	2.0E-06	8.5E-07	1.3E-07	2.5E-07	5.3E-08	3.4E-06
333	UCART3	594007.6	4123119.92	594007.59, 4123119.92	5.38E-03	1.23E-03	1.9E-06	5.6E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	7.3E-08	1.8E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	3.0E-06
334	UCART3	592567.6	4123159.92	592567.59, 4123159.92	2.86E-04	1.44E-04	9.9E-08	3.0E-07	1.5E-07	8.7E-08	7.9E-08	3.6E-08	3.9E-09	9.4E-08	8.8E-08	1.3E-08	2.6E-08	5.5E-09	2.3E-07
335	UCART3	592607.6	4123159.92	592607.59, 4123159.92	3.03E-04	1.55E-04	1.1E-07	3.2E-07	1.6E-07	9.4E-08	8.5E-08	3.9E-08	4.1E-09	1.0E-07	9.5E-08	1.4E-08	2.8E-08	5.9E-09	2.5E-07
336	UCART3	592647.6	4123159.92	592647.59, 4123159.92	3.23E-04	1.67E-04	1.1E-07	3.4E-07	1.8E-07	1.0E-07	9.2E-08	4.2E-08	4.4E-09	1.1E-07	1.0E-07	1.6E-08	3.0E-08	6.4E-09	2.7E-07
337	UCART3	592687.6	4123159.92	592687.59, 4123159.92	3.38E-04	1.66E-04	1.2E-07	3.5E-07	1.7E-07	1.0E-07	9.1E-08	4.2E-08	4.6E-09	1.1E-07	1.0E-07	1.5E-08	3.0E-08	6.3E-09	2.7E-07
338	UCART3	592727.6	4123159.92	592727.59, 4123159.92	3.61E-04	1.79E-04	1.3E-07	3.8E-07	1.9E-07	1.1E-07	9.8E-08	4.5E-08	4.9E-09	1.2E-07	1.1E-07	1.7E-08	3.2E-08	6.8E-09	2.9E-07
339	UCART3	592767.6	4123159.92	592767.59, 4123159.92	3.88E-04	1.96E-04	1.3E-07	4.1E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	5.3E-09	1.3E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	3.1E-07
340	UCART3	592807.6	4123159.92	592807.59, 4123159.92	4.20E-04	2.16E-04	1.5E-07	4.4E-07	2.3E-07	1.3E-07	1.2E-07	5.4E-08	5.7E-09	1.4E-07	1.3E-07	2.0E-08	3.9E-08	8.2E-09	3.4E-07
341	UCART3	592847.6	4123159.92	592847.59, 4123159.92	4.56E-04	2.40E-04	1.6E-07	4.8E-07	2.5E-07	1.4E-07	1.3E-07	6.0E-08	6.2E-09	1.5E-07	1.5E-07	2.2E-08	4.3E-08	9.1E-09	3.8E-07
342	UCART3	592887.6	4123159.92	592887.59, 4123159.92	4.99E-04	2.72E-04	1.7E-07	5.2E-07	2.8E-07	1.6E-07	1.5E-07	6.8E-08	6.8E-09	1.6E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	4.2E-07
343	UCART3	592927.6	4123159.92	592927.59, 4123159.92	5.52E-04	3.21E-04	1.9E-07	5.8E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	7.5E-09	1.8E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	4.9E-07
344	UCART3	592967.6	4123159.92	592967.59, 4123159.92	6.13E-04	3.78E-04	2.1E-07	6.4E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	8.3E-09	2.0E-07	2.3E-07	3.5E-08	6.8E-08	1.4E-08	5.6E-07
345	UCART3	593007.6	4123159.92	593007.59, 4123159.92	6.85E-04	4.28E-04	2.4E-07	7.2E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	9.3E-09	2.2E-07	2.6E-07	4.0E-08	7.8E-08	1.6E-08	6.3E-07
346	UCART3	593047.6	4123159.92	593047.59, 4123159.92	7.64E-04	4.85E-04	2.6E-07	8.0E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	1.0E-08	2.5E-07	3.0E-07	4.5E-08	8.8E-08	1.8E-08	7.1E-07
347	UCART3	593087.6	4123159.92	593087.59, 4123159.92	8.64E-04	5.53E-04	3.0E-07	9.0E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	1.2E-08	2.8E-07	3.4E-07	5.1E-08	1.0E-07	2.1E-08	8.1E-07
348	UCART3	593127.6	4123159.92	593127.59, 4123159.92	9.94E-04	6.38E-04	3.4E-07	1.0E-06	6.7E-07	3.9E-07	3.5E-07	1.6E-07	1.4E-08	3.3E-07	3.9E-07	5.9E-08	1.2E-07	2.4E-08	9.3E-07
349	UCART3	593167.6	4123159.92	593167.59, 4123159.92	1.16E-03	7.50E-04	4.0E-07	1.2E-06	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.6E-08	3.8E-07	4.6E-07	7.0E-08	1.4E-07	2.9E-08	1.1E-06
350	UCART3	593207.6	4123159.92	593207.59, 4123159.92	1.36E-03	9.03E-04	4.7E-07	1.4E-06	9.4E-07	5.5E-07	5.0E-07	2.3E-07	1.9E-08	4.5E-07	5.6E-07	8.4E-08	1.6E-07	3.4E-08	1.3E-06
351	UCART3	593247.6	4123159.92	593247.59, 4123159.92	1.61E-03	1.08E-03	5.6E-07	1.7E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	2.2E-08	5.3E-07	6.6E-07	1.0E-07	2.0E-07	4.1E-08	1.6E-06
352	UCART3	593287.6	4123159.92	593287.59, 4123159.92	1.88E-03	1.23E-03	6.5E-07	2.0E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	2.6E-08	6.2E-07	7.6E-07	1.1E-07	2.2E-07	4.7E-08	1.8E-06
353	UCART3	593327.6	4123159.92	593327.59, 4123159.92	2.19E-03	1.38E-03	7.6E-07	2.3E-06	1.4E-06	8.4E-07	7.6E-07	3.5E-07	3.0E-08	7.2E-07	8.5E-07	1.3E-07	2.5E-07	5.3E-08	2.0E-06
354	UCART3	593367.6	4123159.92	593367.59, 4123159.92	2.55E-03	1.56E-03	8.8E-07	2.7E-06	1.6E-06	9.4E-07	8.5E-07	3.9E-07	3.5E-08	8.4E-07	9.6E-07	1.4E-07	2.8E-07	5.9E-08	2.3E-06
355	UCART3	593407.6	4123159.92	593407.59, 4123159.92	2.98E-03	1.79E-03	1.0E-06	3.1E-06	1.9E-06	1.1E-06	9.8E-07	4.5E-07	4.1E-08	9.8E-07	1.1E-06	1.7E-07	3.2E-07	6.8E-08	2.7E-06
356	UCART3	593447.6	4123159.92	593447.59, 4123159.92	3.54E-03	2.04E-03	1.2E-06	3.7E-06	2.1E-06	1.2E-06	1.1E-06	5.1E-07	4.8E-08	1.2E-06	1.3E-06	1.9E-07	3.7E-07	7.8E-08	3.1E-06
357	UCART3	593487.6	4123159.92	593487.59, 4123159.92	4.26E-03	2.26E-03	1.5E-06	4.5E-06	2.4E-06	1.4E-06	1.2E-06	5.7E-07	5.8E-08	1.4E-06	1.4E-06	2.1E-07	4.1E-07	8.6E-08	3.6E-06
358	UCART3	593527.6	4123159.92	593527.59, 4123159.92	5.20E-03	2.43E-03	1.8E-06	5.4E-06	2.5E-06	1.5E-06	1.3E-06	6.1E-07	7.1E-08	1.7E-06	1.5E-06	2.3E-07	4.4E-07	9.2E-08	4.0E-06
359	UCART3	593567.6	4123159.92	593567.59, 4123159.92	6.34E-03	2.59E-03	2.2E-06	6.6E-06	2.7E-06	1.6E-06	1.4E-06	6.5E-07	8.6E-08	2.1E-06	1.6E-06	2.4E-07	4.7E-07	9.8E-08	4.6E-06
360	UCART3	593607.6	4123159.92	593607.59, 4123159.92	7.72E-03	2.72E-03	2.7E-06	8.1E-06	2.8E-06	1.6E-06	1.5E-06	6.8E-07	1.1E-07	2.5E-06	1.7E-06	2.5E-07	4.9E-07	1.0E-07	5.2E-06
361	UCART3	593647.6	4123159.92	593647.59, 4123159.92	9.39E-03	2.80E-03	3.3E-06	9.8E-06	2.9E-06	1.7E-06	1.5E-06	7.0E-07	1.3E-07	3.1E-06	1.7E-06	2.6E-07	5.1E-07	1.1E-07	5.8E-06

362	UCART3	593687.6	4123159.92	593687.59, 4123159.92	1.09E-02	2.79E-03	3.8E-06	1.1E-05	2.9E-06	1.7E-06	1.5E-06	7.0E-07	1.5E-07	3.6E-06	1.7E-06	2.6E-07	5.0E-07	1.1E-07	6.3E-06
363	UCART3	593727.6	4123159.92	593727.59, 4123159.92	1.16E-02	2.68E-03	4.0E-06	1.2E-05	2.8E-06	1.6E-06	1.5E-06	6.7E-07	1.6E-07	3.8E-06	1.7E-06	2.5E-07	4.9E-07	1.0E-07	6.5E-06
364	UCART3	593767.6	4123159.92	593767.59, 4123159.92	1.16E-02	2.51E-03	4.0E-06	1.2E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	1.6E-07	3.8E-06	1.5E-06	2.3E-07	4.5E-07	9.5E-08	6.3E-06
365	UCART3	593807.6	4123159.92	593807.59, 4123159.92	1.09E-02	2.29E-03	3.8E-06	1.1E-05	2.4E-06	1.4E-06	1.3E-06	5.7E-07	1.5E-07	3.6E-06	1.4E-06	2.1E-07	4.1E-07	8.7E-08	5.9E-06
366	UCART3	593847.6	4123159.92	593847.59, 4123159.92	1.00E-02	2.06E-03	3.5E-06	1.0E-05	2.2E-06	1.2E-06	1.1E-06	5.2E-07	1.4E-07	3.3E-06	1.3E-06	1.9E-07	3.7E-07	7.8E-08	5.3E-06
367	UCART3	593887.6	4123159.92	593887.59, 4123159.92	8.92E-03	1.82E-03	3.1E-06	9.3E-06	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.2E-07	2.9E-06	1.1E-06	1.7E-07	3.3E-07	6.9E-08	4.7E-06
368	UCART3	593927.6	4123159.92	593927.59, 4123159.92	7.79E-03	1.60E-03	2.7E-06	8.1E-06	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.1E-07	2.6E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	4.2E-06
369	UCART3	593967.6	4123159.92	593967.59, 4123159.92	6.69E-03	1.40E-03	2.3E-06	7.0E-06	1.5E-06	8.5E-07	7.7E-07	3.5E-07	9.1E-08	2.2E-06	8.6E-07	1.3E-07	2.5E-07	5.3E-08	3.6E-06
370	UCART3	594007.6	4123159.92	594007.59, 4123159.92	5.67E-03	1.22E-03	2.0E-06	5.9E-06	1.3E-06	7.4E-07	6.7E-07	3.0E-07	7.7E-08	1.9E-06	7.5E-07	1.1E-07	2.2E-07	4.6E-08	3.1E-06
371	UCART3	592567.6	4123199.92	592567.59, 4123199.92	3.01E-04	1.53E-04	1.0E-07	3.1E-07	1.6E-07	9.3E-08	8.4E-08	3.8E-08	4.1E-09	9.9E-08	9.4E-08	1.4E-08	2.8E-08	5.8E-09	2.5E-07
372	UCART3	592607.6	4123199.92	592607.59, 4123199.92	3.21E-04	1.66E-04	1.1E-07	3.4E-07	1.7E-07	1.0E-07	9.1E-08	4.2E-08	4.4E-09	1.1E-07	1.0E-07	1.5E-08	3.0E-08	6.3E-09	2.6E-07
373	UCART3	592647.6	4123199.92	592647.59, 4123199.92	3.43E-04	1.81E-04	1.2E-07	3.6E-07	1.9E-07	1.1E-07	9.9E-08	4.5E-08	4.7E-09	1.1E-07	1.1E-07	1.7E-08	3.3E-08	6.9E-09	2.9E-07
374	UCART3	592687.6	4123199.92	592687.59, 4123199.92	3.66E-04	1.93E-04	1.3E-07	3.8E-07	2.0E-07	1.2E-07	1.1E-07	4.8E-08	5.0E-09	1.2E-07	1.2E-07	1.8E-08	3.5E-08	7.3E-09	3.0E-07
375	UCART3	592727.6	4123199.92	592727.59, 4123199.92	3.90E-04	2.02E-04	1.3E-07	4.1E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	5.3E-09	1.3E-07	1.2E-07	1.9E-08	3.7E-08	7.7E-09	3.2E-07
376	UCART3	592767.6	4123199.92	592767.59, 4123199.92	4.22E-04	2.24E-04	1.5E-07	4.4E-07	2.3E-07	1.4E-07	1.2E-07	5.6E-08	5.7E-09	1.4E-07	1.4E-07	2.1E-08	4.1E-08	8.5E-09	3.5E-07
377	UCART3	592807.6	4123199.92	592807.59, 4123199.92	4.59E-04	2.50E-04	1.6E-07	4.8E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	6.2E-09	1.5E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	3.9E-07
378	UCART3	592847.6	4123199.92	592847.59, 4123199.92	5.06E-04	2.94E-04	1.8E-07	5.3E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	6.9E-09	1.7E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	4.5E-07
379	UCART3	592887.6	4123199.92	592887.59, 4123199.92	5.61E-04	3.40E-04	1.9E-07	5.9E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	7.6E-09	1.8E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	5.1E-07
380	UCART3	592927.6	4123199.92	592927.59, 4123199.92	6.24E-04	4.02E-04	2.2E-07	6.5E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	8.5E-09	2.1E-07	2.5E-07	3.7E-08	7.3E-08	1.5E-08	5.9E-07
381	UCART3	592967.6	4123199.92	592967.59, 4123199.92	6.97E-04	4.56E-04	2.4E-07	7.3E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	9.5E-09	2.3E-07	2.8E-07	4.2E-08	8.3E-08	1.7E-08	6.6E-07
382	UCART3	593007.6	4123199.92	593007.59, 4123199.92	7.79E-04	5.14E-04	2.7E-07	8.1E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	1.1E-08	2.6E-07	3.2E-07	4.8E-08	9.3E-08	2.0E-08	7.4E-07
383	UCART3	593047.6	4123199.92	593047.59, 4123199.92	8.83E-04	5.86E-04	3.1E-07	9.2E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	1.2E-08	2.9E-07	3.6E-07	5.4E-08	1.1E-07	2.2E-08	8.5E-07
384	UCART3	593087.6	4123199.92	593087.59, 4123199.92	1.01E-03	6.83E-04	3.5E-07	1.1E-06	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.4E-08	3.3E-07	4.2E-07	6.3E-08	1.2E-07	2.6E-08	9.8E-07
385	UCART3	593127.6	4123199.92	593127.59, 4123199.92	1.18E-03	8.22E-04	4.1E-07	1.2E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.6E-08	3.9E-07	5.1E-07	7.6E-08	1.5E-07	3.1E-08	1.2E-06
386	UCART3	593167.6	4123199.92	593167.59, 4123199.92	1.43E-03	1.07E-03	5.0E-07	1.5E-06	1.1E-06	6.4E-07	5.8E-07	2.7E-07	2.0E-08	4.7E-07	6.6E-07	9.9E-08	1.9E-07	4.1E-08	1.5E-06
387	UCART3	593207.6	4123199.92	593207.59, 4123199.92	1.77E-03	1.43E-03	6.1E-07	1.9E-06	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.4E-08	5.8E-07	8.8E-07	1.3E-07	2.6E-07	5.4E-08	1.9E-06
388	UCART3	593247.6	4123199.92	593247.59, 4123199.92	2.11E-03	1.71E-03	7.3E-07	2.2E-06	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.9E-08	6.9E-07	1.1E-06	1.6E-07	3.1E-07	6.5E-08	2.3E-06
389	UCART3	593287.6	4123199.92	593287.59, 4123199.92	2.48E-03	1.94E-03	8.6E-07	2.6E-06	2.0E-06	1.2E-06	1.1E-06	4.8E-07	3.4E-08	8.1E-07	1.2E-06	1.8E-07	3.5E-07	7.4E-08	2.6E-06
390	UCART3	593327.6	4123199.92	593327.59, 4123199.92	2.92E-03	2.21E-03	1.0E-06	3.1E-06	2.3E-06	1.3E-06	1.2E-06	5.5E-07	4.0E-08	9.6E-07	1.4E-06	2.1E-07	4.0E-07	8.4E-08	3.1E-06
391	UCART3	593367.6	4123199.92	593367.59, 4123199.92	3.47E-03	2.62E-03	1.2E-06	3.6E-06	2.7E-06	1.6E-06	1.4E-06	6.6E-07	4.7E-08	1.1E-06	1.6E-06	2.4E-07	4.7E-07	1.0E-07	3.6E-06
392	UCART3	593407.6	4123199.92	593407.59, 4123199.92	4.17E-03	3.02E-03	1.4E-06	4.4E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	5.7E-08	1.4E-06	1.9E-06	2.8E-07	5.5E-07	1.1E-07	4.2E-06
393	UCART3	593447.6	4123199.92	593447.59, 4123199.92	5.16E-03	3.32E-03	1.8E-06	5.4E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	7.0E-08	1.7E-06	2.0E-06	3.1E-07	6.0E-07	1.3E-07	4.8E-06
394	UCART3	593487.6	4123199.92	593487.59, 4123199.92	6.55E-03	3.47E-03	2.3E-06	6.8E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	8.9E-08	2.2E-06	2.1E-06	3.2E-07	6.3E-07	1.3E-07	5.5E-06
395	UCART3	593527.6	4123199.92	593527.59, 4123199.92	8.55E-03	3.60E-03	3.0E-06	8.9E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	1.2E-07	2.8E-06	2.2E-06	3.3E-07	6.5E-07	1.4E-07	6.3E-06
396	UCART3	593567.6	4123199.92	593567.59, 4123199.92	1.11E-02	3.77E-03	3.8E-06	1.2E-05	3.9E-06	2.3E-06	2.1E-06	9.4E-07	1.5E-07	3.6E-06	2.3E-06	3.5E-07	6.8E-07	1.4E-07	7.3E-06
397	UCART3	593607.6	4123199.92	593607.59, 4123199.92	1.45E-02	3.88E-03	5.0E-06	1.5E-05	4.1E-06	2.3E-06	2.1E-06	9.7E-07	2.0E-07	4.8E-06	2.4E-06	3.6E-07	7.0E-07	1.5E-07	8.6E-06
398	UCART3	593647.6	4123199.92	593647.59, 4123199.92	1.77E-02	3.84E-03	6.1E-06	1.8E-05	4.0E-06	2.3E-06	2.1E-06	9.6E-07	2.4E-07	5.8E-06	2.4E-06	3.6E-07	6.9E-07	1.5E-07	9.6E-06
399	UCART3	593687.6	4123199.92	593687.59, 4123199.92	1.88E-02	3.60E-03	6.5E-06	2.0E-05	3.8E-06	2.2E-06	2.0E-06	9.0E-07	2.6E-07	6.2E-06	2.2E-06	3.3E-07	6.5E-07	1.4E-07	9.8E-06
400	UCART3	593727.6	4123199.92	593727.59, 4123199.92	1.79E-02	3.26E-03	6.2E-06	1.9E-05	3.4E-06	2.0E-06	1.8E-06	8.2E-07	2.4E-07	5.9E-06	2.0E-06	3.0E-07	5.9E-07	1.2E-07	9.2E-06
401	UCART3	593767.6	4123199.92	593767.59, 4123199.92	1.61E-02	2.89E-03	5.6E-06	1.7E-05	3.0E-06	1.8E-06	1.6E-06	7.2E-07	2.2E-07	5.3E-06	1.8E-06	2.7E-07	5.2E-07	1.1E-07	8.2E-06
402	UCART3	593807.6	4123199.92	593807.59, 4123199.92	1.41E-02	2.53E-03	4.9E-06	1.5E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	1.9E-07	4.6E-06	1.6E-06	2.3E-07	4.6E-07	9.6E-08	7.2E-06
403	UCART3	593847.6	4123199.92	593847.59, 4123199.92	1.21E-02	2.18E-03	4.2E-06	1.3E-05	2.3E-06	1.3E-06	1.2E-06	5.5E-07	1.6E-07	4.0E-06	1.3E-06	2.0E-07	3.9E-07	8.3E-08	6.2E-06
404	UCART3	593887.6	4123199.92	593887.59, 4123199.92	1.02E-02	1.86E-03	3.5E-06	1.1E-05	1.9E-06	1.1E-06	1.0E-06	4.7E-07	1.4E-07	3.3E-06	1.1E-06	1.7E-07	3.4E-07	7.1E-08	5.2E-06
405	UCART3	593927.6	4123199.92	593927.59, 4123199.92	8.44E-03	1.58E-03	2.9E-06	8.8E-06	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.1E-07	2.8E-06	9.8E-07	1.5E-07	2.9E-07	6.0E-08	4.4E-06
406	UCART3	593967.6	4123199.92	593967.59, 4123199.92	6.92E-03	1.35E-03	2.4E-06	7.2E-06	1.4E-06	8.1E-07	7.4E-07	3.4E-07	9.4E-08	2.3E-06	8.3E-07	1.2E-07	2.4E-07	5.1E-08	3.6E-06
407	UCART3	594007.6	4123199.92	594007.59, 4123199.92	5.65E-03	1.15E-03	2.0E-06	5.9E-06	1.2E-06	6.9E-07	6.3E-07	2.9E-07	7.7E-08	1.9E-06	7.1E-07	1.1E-07	2.1E-07	4.4E-08	3.0E-06
408	UCART3	592567.6	4123239.92	592567.59, 4123239.92	3.17E-04	1.64E-04	1.1E-07	3.3E-07	1.7E-07	9.9E-08	9.0E-08	4.1E-08	4.3E-09	1.0E-07	1.0E-07	1.5E-08	3.0E-08	6.2E-09	2.6E-07
409	UCART3	592607.6	4123239.92	592607.59, 4123239.92	3.39E-04	1.79E-04	1.2E-07	3.5E-07	1.9E-07	1.1E-07	9.8E-08	4.5E-08	4.6E-09	1.1E-07	1.1E-07	1.7E-08	3.2E-08	6.8E-09	2.8E-07
410	UCART3	592647.6	4123239.92	592647.59, 4123239.92	3.65E-04	1.97E-04	1.3E-07	3.8E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	5.0E-09	1.2E-07	1.2E-07	1.8E-08	3.6E-08	7.5E-09	3.1E-07
411	UCART3	592687.6	4123239.92	592687.59, 4123239.92	3.94E-04	2.19E-04	1.4E-07	4.1E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	5.4E-09	1.3E-07	1.3E-07	2.0E-08	4.0E-08	8.3E-09	3.4E-07
412	UCART3	592727.6	4123239.92	592727.59, 4123239.92	4.26E-04	2.45E-04	1.5E-07	4.5E-07	2.6E-07	1.5E-07	1.3E-07	6.1E-08	5.8E-09	1.4E-07	1.5E-07	2.3E-08	4.4E-08	9.3E-09	3.7E-07
413	UCART3	592767.6	4123239.92	592767.59, 4123239.92	4.62E-04	2.63E-04	1.6E-07	4.8E-07	2.7E-07	1.6E-07	1.4E-07	6.6E-08	6.3E-09	1.5E-07	1.6E-07	2.4E-08	4.8E-08	1.0E-08	4.0E-07
414	UCART3	592807.6	4123239.92	592807.59, 4123239.92	5.09E-04	3.02E-04	1.8E-07	5.3E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	6.9E-09	1.7E-07	1.9E-07	2.8E-08	5.5E-08	1.1E-08	4.5E-07

415	UCART3	592847.6	4123239.92	592847.59, 4123239.92	5.72E-04	3.71E-04	2.0E-07	6.0E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	7.8E-09	1.9E-07	2.3E-07	3.4E-08	6.7E-08	1.4E-08	5.4E-07
416	UCART3	592887.6	4123239.92	592887.59, 4123239.92	6.37E-04	4.30E-04	2.2E-07	6.7E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	8.7E-09	2.1E-07	2.6E-07	4.0E-08	7.8E-08	1.6E-08	6.2E-07
417	UCART3	592927.6	4123239.92	592927.59, 4123239.92	7.09E-04	5.06E-04	2.5E-07	7.4E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	9.6E-09	2.3E-07	3.1E-07	4.7E-08	9.2E-08	1.9E-08	7.1E-07
418	UCART3	592967.6	4123239.92	592967.59, 4123239.92	7.92E-04	5.59E-04	2.7E-07	8.3E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	1.1E-08	2.6E-07	3.4E-07	5.2E-08	1.0E-07	2.1E-08	7.9E-07
419	UCART3	593007.6	4123239.92	593007.59, 4123239.92	8.88E-04	6.23E-04	3.1E-07	9.3E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	1.2E-08	2.9E-07	3.8E-07	5.8E-08	1.1E-07	2.4E-08	8.8E-07
420	UCART3	593047.6	4123239.92	593047.59, 4123239.92	1.02E-03	7.19E-04	3.5E-07	1.1E-06	7.5E-07	4.4E-07	3.9E-07	1.8E-07	1.4E-08	3.3E-07	4.4E-07	6.7E-08	1.3E-07	2.7E-08	1.0E-06
421	UCART3	593087.6	4123239.92	593087.59, 4123239.92	1.20E-03	8.81E-04	4.2E-07	1.3E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.6E-08	3.9E-07	5.4E-07	8.2E-08	1.6E-07	3.4E-08	1.2E-06
422	UCART3	593127.6	4123239.92	593127.59, 4123239.92	1.52E-03	1.25E-03	5.3E-07	1.6E-06	1.3E-06	7.6E-07	6.9E-07	3.1E-07	2.1E-08	5.0E-07	7.7E-07	1.2E-07	2.3E-07	4.8E-08	1.7E-06
423	UCART3	593167.6	4123239.92	593167.59, 4123239.92	2.03E-03	1.97E-03	7.0E-07	2.1E-06	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.8E-08	6.7E-07	1.2E-06	1.8E-07	3.6E-07	7.5E-08	2.5E-06
424	UCART3	593207.6	4123239.92	593207.59, 4123239.92	2.35E-03	2.24E-03	8.1E-07	2.5E-06	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.2E-08	7.7E-07	1.4E-06	2.1E-07	4.1E-07	8.5E-08	2.9E-06
425	UCART3	593247.6	4123239.92	593247.59, 4123239.92	2.79E-03	2.64E-03	9.7E-07	2.9E-06	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.8E-08	9.2E-07	1.6E-06	2.4E-07	4.8E-07	1.0E-07	3.4E-06
426	UCART3	593287.6	4123239.92	593287.59, 4123239.92	3.24E-03	3.03E-03	1.1E-06	3.4E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.4E-08	1.1E-06	1.9E-06	2.8E-07	5.5E-07	1.2E-07	3.9E-06
427	UCART3	593327.6	4123239.92	593327.59, 4123239.92	4.00E-03	4.39E-03	1.4E-06	4.2E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.4E-08	1.3E-06	2.7E-06	4.1E-07	7.9E-07	1.7E-07	5.4E-06
428	UCART3	593367.6	4123239.92	593367.59, 4123239.92	4.85E-03	4.93E-03	1.7E-06	5.1E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	3.0E-06	4.6E-07	8.9E-07	1.9E-07	6.2E-06
429	UCART3	593407.6	4123239.92	593407.59, 4123239.92	6.20E-03	5.72E-03	2.1E-06	6.5E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	8.4E-08	2.0E-06	3.5E-06	5.3E-07	1.0E-06	2.2E-07	7.4E-06
430	UCART3	593447.6	4123239.92	593447.59, 4123239.92	8.08E-03	5.17E-03	2.8E-06	8.4E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	1.1E-07	2.7E-06	3.2E-06	4.8E-07	9.4E-07	2.0E-07	7.6E-06
431	UCART3	593487.6	4123239.92	593487.59, 4123239.92	1.12E-02	5.35E-03	3.9E-06	1.2E-05	5.6E-06	3.2E-06	2.9E-06	1.3E-06	1.5E-07	3.7E-06	3.3E-06	5.0E-07	9.7E-07	2.0E-07	8.8E-06
432	UCART3	593527.6	4123239.92	593527.59, 4123239.92	1.61E-02	5.22E-03	5.6E-06	1.7E-05	5.5E-06	3.2E-06	2.9E-06	1.3E-06	2.2E-07	5.3E-06	3.2E-06	4.8E-07	9.4E-07	2.0E-07	1.0E-05
433	UCART3	593567.6	4123239.92	593567.59, 4123239.92	2.60E-02	5.73E-03	9.0E-06	2.7E-05	6.0E-06	3.5E-06	3.1E-06	1.4E-06	3.5E-07	8.5E-06	3.5E-06	5.3E-07	1.0E-06	2.2E-07	1.4E-05
434	UCART2	593607.6	4123239.92	593607.59, 4123239.92	3.65E-02	5.79E-03	1.3E-05	3.8E-05	6.1E-06	3.5E-06	3.2E-06	1.5E-06	5.0E-07	1.2E-05	3.6E-06	5.4E-07	1.0E-06	2.2E-07	1.8E-05
435	UCART2	593647.6	4123239.92	593647.59, 4123239.92	3.77E-02	5.22E-03	1.3E-05	3.9E-05	5.5E-06	3.2E-06	2.9E-06	1.3E-06	5.1E-07	1.2E-05	3.2E-06	4.8E-07	9.4E-07	2.0E-07	1.8E-05
436	UCART2	593687.6	4123239.92	593687.59, 4123239.92	3.20E-02	4.43E-03	1.1E-05	3.3E-05	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.4E-07	1.1E-05	2.7E-06	4.1E-07	8.0E-07	1.7E-07	1.5E-05
437	UCART2	593727.6	4123239.92	593727.59, 4123239.92	2.57E-02	3.76E-03	8.9E-06	2.7E-05	3.9E-06	2.3E-06	2.1E-06	9.4E-07	3.5E-07	8.4E-06	2.3E-06	3.5E-07	6.8E-07	1.4E-07	1.2E-05
438	UCART2	593767.6	4123239.92	593767.59, 4123239.92	2.10E-02	3.15E-03	7.3E-06	2.2E-05	3.3E-06	1.9E-06	1.7E-06	7.9E-07	2.9E-07	6.9E-06	1.9E-06	2.9E-07	5.7E-07	1.2E-07	1.0E-05
439	UCART2	593807.6	4123239.92	593807.59, 4123239.92	1.71E-02	2.62E-03	5.9E-06	1.8E-05	2.7E-06	1.6E-06	1.4E-06	6.6E-07	2.3E-07	5.6E-06	1.6E-06	2.4E-07	4.7E-07	1.0E-07	8.3E-06
440	UCART2	593847.6	4123239.92	593847.59, 4123239.92	1.37E-02	2.17E-03	4.7E-06	1.4E-05	2.3E-06	1.3E-06	1.2E-06	5.4E-07	1.9E-07	4.5E-06	1.3E-06	2.0E-07	3.9E-07	8.3E-08	6.7E-06
441	UCART2	593887.6	4123239.92	593887.59, 4123239.92	1.09E-02	1.79E-03	3.8E-06	1.1E-05	1.9E-06	1.1E-06	9.8E-07	4.5E-07	1.5E-07	3.6E-06	1.1E-06	1.7E-07	3.2E-07	6.8E-08	5.4E-06
442	UCART2	593927.6	4123239.92	593927.59, 4123239.92	8.53E-03	1.48E-03	3.0E-06	8.9E-06	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.2E-07	2.8E-06	9.1E-07	1.4E-07	2.7E-07	5.6E-08	4.3E-06
443	UCART2	593967.6	4123239.92	593967.59, 4123239.92	6.69E-03	1.23E-03	2.3E-06	7.0E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	9.1E-08	2.2E-06	7.6E-07	1.1E-07	2.2E-07	4.7E-08	3.4E-06
444	UCART2	594007.6	4123239.92	594007.59, 4123239.92	5.26E-03	1.03E-03	1.8E-06	5.5E-06	1.1E-06	6.2E-07	5.7E-07	2.6E-07	7.2E-08	1.7E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	2.8E-06
445	UCART2	592567.6	4123279.92	592567.59, 4123279.92	3.35E-04	1.75E-04	1.2E-07	3.5E-07	1.8E-07	1.1E-07	9.6E-08	4.4E-08	4.6E-09	1.1E-07	1.1E-07	1.6E-08	3.2E-08	6.7E-09	2.8E-07
446	UCART2	592607.6	4123279.92	592607.59, 4123279.92	3.59E-04	1.93E-04	1.2E-07	3.8E-07	2.0E-07	1.2E-07	1.1E-07	4.8E-08	4.9E-09	1.2E-07	1.2E-07	1.8E-08	3.5E-08	7.3E-09	3.0E-07
447	UCART2	592647.6	4123279.92	592647.59, 4123279.92	3.88E-04	2.15E-04	1.3E-07	4.1E-07	2.2E-07	1.3E-07	1.2E-07	5.4E-08	5.3E-09	1.3E-07	1.3E-07	2.0E-08	3.9E-08	8.2E-09	3.3E-07
448	UCART2	592687.6	4123279.92	592687.59, 4123279.92	4.23E-04	2.43E-04	1.5E-07	4.4E-07	2.5E-07	1.5E-07	1.3E-07	6.1E-08	5.7E-09	1.4E-07	1.5E-07	2.3E-08	4.4E-08	9.2E-09	3.7E-07
449	UCART2	592727.6	4123279.92	592727.59, 4123279.92	4.65E-04	2.82E-04	1.6E-07	4.9E-07	2.9E-07	1.7E-07	1.5E-07	7.1E-08	6.3E-09	1.5E-07	1.7E-07	2.6E-08	5.1E-08	1.1E-08	4.2E-07
450	UCART2	592767.6	4123279.92	592767.59, 4123279.92	5.23E-04	3.44E-04	1.8E-07	5.5E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	7.1E-09	1.7E-07	2.1E-07	3.2E-08	6.2E-08	1.3E-08	5.0E-07
451	UCART2	592807.6	4123279.92	592807.59, 4123279.92	6.06E-04	4.40E-04	2.1E-07	6.3E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	8.2E-09	2.0E-07	2.7E-07	4.1E-08	8.0E-08	1.7E-08	6.2E-07
452	UCART2	592847.6	4123279.92	592847.59, 4123279.92	7.15E-04	6.03E-04	2.5E-07	7.5E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	9.7E-09	2.3E-07	3.7E-07	5.6E-08	1.1E-07	2.3E-08	8.0E-07
453	UCART2	592887.6	4123279.92	592887.59, 4123279.92	7.60E-04	6.19E-04	2.6E-07	7.9E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	1.0E-08	2.5E-07	3.8E-07	5.7E-08	1.1E-07	2.4E-08	8.3E-07
454	UCART2	592927.6	4123279.92	592927.59, 4123279.92	8.17E-04	6.48E-04	2.8E-07	8.5E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	1.1E-08	2.7E-07	4.0E-07	6.0E-08	1.2E-07	2.5E-08	8.8E-07
455	UCART2	592967.6	4123279.92	592967.59, 4123279.92	8.99E-04	6.84E-04	3.1E-07	9.4E-07	7.1E-07	4.1E-07	3.8E-07	1.7E-07	1.2E-08	3.0E-07	4.2E-07	6.3E-08	1.2E-07	2.6E-08	9.4E-07
456	UCART2	593007.6	4123279.92	593007.59, 4123279.92	1.01E-03	7.59E-04	3.5E-07	1.1E-06	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.4E-08	3.3E-07	4.7E-07	7.0E-08	1.4E-07	2.9E-08	1.0E-06
457	UCART2	593047.6	4123279.92	593047.59, 4123279.92	1.18E-03	9.07E-04	4.1E-07	1.2E-06	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.6E-08	3.9E-07	5.6E-07	8.4E-08	1.6E-07	3.5E-08	1.2E-06
458	UCART2	593087.6	4123279.92	593087.59, 4123279.92	1.48E-03	1.26E-03	5.1E-07	1.5E-06	1.3E-06	7.6E-07	6.9E-07	3.2E-07	2.0E-08	4.9E-07	7.8E-07	1.2E-07	2.3E-07	4.8E-08	1.7E-06
459	UCART2	593127.6	4123279.92	593127.59, 4123279.92	2.01E-03	1.98E-03	6.9E-07	2.1E-06	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	1.2E-06	1.8E-07	3.6E-07	7.5E-08	2.5E-06
460	UCART2	593167.6	4123279.92	593167.59, 4123279.92	2.43E-03	2.48E-03	8.4E-07	2.5E-06	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.3E-08	8.0E-07	1.5E-06	2.3E-07	4.5E-07	9.4E-08	3.1E-06
461	UCART2	593207.6	4123279.92	593207.59, 4123279.92	2.67E-03	2.52E-03	9.2E-07	2.8E-06	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.6E-08	8.8E-07	1.6E-06	2.3E-07	4.6E-07	9.6E-08	3.2E-06
462	UCART2	593247.6	4123279.92	593247.59, 4123279.92	3.19E-03	3.13E-03	1.1E-06	3.3E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.3E-08	1.0E-06	1.9E-06	2.9E-07	5.7E-07	1.2E-07	4.0E-06
463	UCART2	593287.6	4123279.92	593287.59, 4123279.92	4.01E-03	6.38E-03	1.4E-06	4.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	5.5E-08	1.3E-06	3.9E-06	5.9E-07	1.2E-06	2.4E-07	7.3E-06
464	UCART2	593327.6	4123279.92	593327.59, 4123279.92	5.21E-03	8.91E-03	1.8E-06	5.4E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	7.1E-08	1.7E-06	5.5E-06	8.3E-07	1.6E-06	3.4E-07	1.0E-05
465	UCART2	593367.6	4123279.92	593367.59, 4123279.92	6.95E-03	8.43E-03	2.4E-06	7.3E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	9.5E-08	2.3E-06	5.2E-06	7.8E-07	1.5E-06	3.2E-07	1.0E-05
466	UCART2	593407.6	4123279.92	593407.59, 4123279.92	9.83E-03	7.79E-03	3.4E-06	1.0E-05	8.1E-06	4.7E-06	4.3E-06	1.9E-06	1.3E-07	3.2E-06	4.8E-06	7.2E-07	1.4E-06	3.0E-07	1.1E-05
467	UCART2	593447.6	4123279.92	593447.59, 4123279.92	1.42E-02	6.68E-03	4.9E-06	1.5E-05	7.0E-06	4.0E-06	3.7E-06	1.7E-06	1.9E-07	4.7E-06	4.1E-06	6.2E-07	1.2E-06	2.5E-07	1.1E-05

468	UCART2	593487.6	4123279.92	593487.59, 4123279.92	2.04E-02	6.90E-03	7.1E-06	2.1E-05	7.2E-06	4.2E-06	3.8E-06	1.7E-06	2.8E-07	6.7E-06	4.2E-06	6.4E-07	1.2E-06	2.6E-07	1.3E-05
469	UCART2	593527.6	4123279.92	593527.59, 4123279.92	3.74E-02	7.39E-03	1.3E-05	3.9E-05	7.7E-06	4.5E-06	4.1E-06	1.9E-06	5.1E-07	1.2E-05	4.6E-06	6.9E-07	1.3E-06	2.8E-07	2.0E-05
470	UCART2	593567.6	4123279.92	593567.59, 4123279.92	5.48E-02	7.47E-03	1.9E-05	5.7E-05	7.8E-06	4.5E-06	4.1E-06	1.9E-06	7.5E-07	1.8E-05	4.6E-06	6.9E-07	1.4E-06	2.8E-07	2.6E-05
471	UCART2	593607.6	4123279.92	593607.59, 4123279.92	7.25E-02	7.13E-03	2.5E-05	7.6E-05	7.5E-06	4.3E-06	3.9E-06	1.8E-06	9.9E-07	2.4E-05	4.4E-06	6.6E-07	1.3E-06	2.7E-07	3.1E-05
472	UCART2	593647.6	4123279.92	593647.59, 4123279.92	7.52E-02	5.82E-03	2.6E-05	7.9E-05	6.1E-06	3.5E-06	3.2E-06	1.5E-06	1.0E-06	2.5E-05	3.6E-06	5.4E-07	1.1E-06	2.2E-07	3.1E-05
473	UCART2	593687.6	4123279.92	593687.59, 4123279.92	4.58E-02	5.14E-03	1.6E-05	4.8E-05	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.2E-07	1.5E-05	3.2E-06	4.8E-07	9.3E-07	2.0E-07	2.0E-05
474	UCART2	593727.6	4123279.92	593727.59, 4123279.92	3.40E-02	4.05E-03	1.2E-05	3.6E-05	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.6E-07	1.1E-05	2.5E-06	3.8E-07	7.3E-07	1.5E-07	1.5E-05
475	UCART2	593767.6	4123279.92	593767.59, 4123279.92	2.58E-02	3.20E-03	8.9E-06	2.7E-05	3.3E-06	1.9E-06	1.8E-06	8.0E-07	3.5E-07	8.5E-06	2.0E-06	3.0E-07	5.8E-07	1.2E-07	1.2E-05
476	UCART2	593807.6	4123279.92	593807.59, 4123279.92	1.94E-02	2.53E-03	6.7E-06	2.0E-05	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-07	6.4E-06	1.6E-06	2.3E-07	4.6E-07	9.6E-08	9.0E-06
477	UCART2	593847.6	4123279.92	593847.59, 4123279.92	1.44E-02	2.01E-03	5.0E-06	1.5E-05	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.0E-07	4.7E-06	1.2E-06	1.9E-07	3.6E-07	7.6E-08	6.8E-06
478	UCART2	593887.6	4123279.92	593887.59, 4123279.92	1.07E-02	1.61E-03	3.7E-06	1.1E-05	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.5E-07	3.5E-06	9.9E-07	1.5E-07	2.9E-07	6.1E-08	5.1E-06
479	UCART2	593927.6	4123279.92	593927.59, 4123279.92	7.93E-03	1.30E-03	2.7E-06	8.3E-06	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.1E-07	2.6E-06	8.0E-07	1.2E-07	2.4E-07	5.0E-08	3.9E-06
480	UCART2	593967.6	4123279.92	593967.59, 4123279.92	5.97E-03	1.07E-03	2.1E-06	6.2E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	8.1E-08	2.0E-06	6.6E-07	9.9E-08	1.9E-07	4.1E-08	3.0E-06
481	UCART2	594007.6	4123279.92	594007.59, 4123279.92	4.57E-03	8.93E-04	1.6E-06	4.8E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	6.2E-08	1.5E-06	5.5E-07	8.3E-08	1.6E-07	3.4E-08	2.4E-06
482	UCART2	592567.6	4123319.92	592567.59, 4123319.92	3.52E-04	1.88E-04	1.2E-07	3.7E-07	2.0E-07	1.1E-07	1.0E-07	4.7E-08	4.8E-09	1.2E-07	1.2E-07	1.7E-08	3.4E-08	7.1E-09	2.9E-07
483	UCART2	592607.6	4123319.92	592607.59, 4123319.92	3.80E-04	2.09E-04	1.3E-07	4.0E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	5.2E-09	1.2E-07	1.3E-07	1.9E-08	3.8E-08	7.9E-09	3.2E-07
484	UCART2	592647.6	4123319.92	592647.59, 4123319.92	4.13E-04	2.35E-04	1.4E-07	4.3E-07	2.5E-07	1.4E-07	1.3E-07	5.9E-08	5.6E-09	1.4E-07	1.4E-07	2.2E-08	4.3E-08	8.9E-09	3.6E-07
485	UCART2	592687.6	4123319.92	592687.59, 4123319.92	4.54E-04	2.72E-04	1.6E-07	4.7E-07	2.8E-07	1.6E-07	1.5E-07	6.8E-08	6.2E-09	1.5E-07	1.7E-07	2.5E-08	4.9E-08	1.0E-08	4.1E-07
486	UCART2	592727.6	4123319.92	592727.59, 4123319.92	5.11E-04	3.34E-04	1.8E-07	5.3E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	6.9E-09	1.7E-07	2.1E-07	3.1E-08	6.1E-08	1.3E-08	4.8E-07
487	UCART2	592767.6	4123319.92	592767.59, 4123319.92	6.34E-04	5.09E-04	2.2E-07	6.6E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	8.6E-09	2.1E-07	3.1E-07	4.7E-08	9.2E-08	1.9E-08	6.9E-07
488	UCART2	592807.6	4123319.92	592807.59, 4123319.92	6.65E-04	5.00E-04	2.3E-07	7.0E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	9.0E-09	2.2E-07	3.1E-07	4.6E-08	9.1E-08	1.9E-08	6.9E-07
489	UCART2	592847.6	4123319.92	592847.59, 4123319.92	9.86E-04	1.09E-03	3.4E-07	1.0E-06	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.2E-07	6.7E-07	1.0E-07	2.0E-07	4.1E-08	1.3E-06
490	UCART2	592887.6	4123319.92	592887.59, 4123319.92	9.12E-04	8.60E-04	3.2E-07	9.5E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	3.0E-07	5.3E-07	8.0E-08	1.6E-07	3.3E-08	1.1E-06
491	UCART2	592927.6	4123319.92	592927.59, 4123319.92	9.41E-04	8.08E-04	3.3E-07	9.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.3E-08	3.1E-07	5.0E-07	7.5E-08	1.5E-07	3.1E-08	1.1E-06
492	UCART2	592967.6	4123319.92	592967.59, 4123319.92	1.02E-03	8.31E-04	3.5E-07	1.1E-06	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.4E-08	3.4E-07	5.1E-07	7.7E-08	1.5E-07	3.2E-08	1.1E-06
493	UCART2	593007.6	4123319.92	593007.59, 4123319.92	1.16E-03	9.36E-04	4.0E-07	1.2E-06	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.6E-08	3.8E-07	5.8E-07	8.7E-08	1.7E-07	3.6E-08	1.3E-06
494	UCART2	593047.6	4123319.92	593047.59, 4123319.92	1.39E-03	1.18E-03	4.8E-07	1.5E-06	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.9E-08	4.6E-07	7.3E-07	1.1E-07	2.1E-07	4.5E-08	1.6E-06
495	UCART2	593087.6	4123319.92	593087.59, 4123319.92	1.87E-03	1.82E-03	6.5E-07	2.0E-06	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.1E-07	1.1E-06	1.7E-07	3.3E-07	6.9E-08	2.3E-06
496	UCART2	593127.6	4123319.92	593127.59, 4123319.92	2.24E-03	2.23E-03	7.7E-07	2.3E-06	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.0E-08	7.4E-07	1.4E-06	2.1E-07	4.0E-07	8.5E-08	2.8E-06
497	UCART2	593167.6	4123319.92	593167.59, 4123319.92	2.51E-03	2.36E-03	8.7E-07	2.6E-06	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.4E-08	8.2E-07	1.5E-06	2.2E-07	4.3E-07	9.0E-08	3.0E-06
498	UCART2	593207.6	4123319.92	593207.59, 4123319.92	2.93E-03	2.70E-03	1.0E-06	3.1E-06	2.8E-06	1.6E-06	1.5E-06	6.8E-07	4.0E-08	9.6E-07	1.7E-06	2.5E-07	4.9E-07	1.0E-07	3.5E-06
499	UCART2	593247.6	4123319.92	593247.59, 4123319.92	3.73E-03	3.98E-03	1.3E-06	3.9E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.1E-08	1.2E-06	2.5E-06	3.7E-07	7.2E-07	1.5E-07	5.0E-06
500	UCART2	593287.6	4123319.92	593287.59, 4123319.92	5.11E-03	8.92E-03	1.8E-06	5.3E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	6.9E-08	1.7E-06	5.5E-06	8.3E-07	1.6E-06	3.4E-07	1.0E-05
501	UCART2	593327.6	4123319.92	593327.59, 4123319.92	7.52E-03	1.11E-02	2.6E-06	7.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.0E-07	2.5E-06	6.8E-06	1.0E-06	2.0E-06	4.2E-07	1.3E-05
502	UCART2	593367.6	4123319.92	593367.59, 4123319.92	1.20E-02	1.11E-02	4.2E-06	1.3E-05	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.6E-07	3.9E-06	6.9E-06	1.0E-06	2.0E-06	4.2E-07	1.4E-05
503	UCART2	593407.6	4123319.92	593407.59, 4123319.92	2.08E-02	9.18E-03	7.2E-06	2.2E-05	9.6E-06	5.6E-06	5.0E-06	2.3E-06	2.8E-07	6.8E-06	5.7E-06	8.5E-07	1.7E-06	3.5E-07	1.6E-05
504	UCART2	593447.6	4123319.92	593447.59, 4123319.92	3.15E-02	9.35E-03	1.1E-05	3.3E-05	9.8E-06	5.7E-06	5.1E-06	2.3E-06	4.3E-07	1.0E-05	5.8E-06	8.7E-07	1.7E-06	3.6E-07	1.9E-05
505	UCART2	593487.6	4123319.92	593487.59, 4123319.92	4.28E-02	1.08E-02	1.5E-05	4.5E-05	1.1E-05	6.5E-06	5.9E-06	2.7E-06	5.8E-07	1.4E-05	6.7E-06	1.0E-06	2.0E-06	4.1E-07	2.5E-05
506	UCART2	593527.6	4123319.92	593527.59, 4123319.92	6.47E-02	1.12E-02	2.2E-05	6.8E-05	1.2E-05	6.7E-06	6.1E-06	2.8E-06	8.8E-07	2.1E-05	6.9E-06	1.0E-06	2.0E-06	4.2E-07	3.2E-05
507	UCART2	593567.6	4123319.92	593567.59, 4123319.92	8.83E-02	9.96E-03	3.1E-05	9.2E-05	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.2E-06	2.9E-05	6.1E-06	9.2E-07	1.8E-06	3.8E-07	3.9E-05
508	UCART2	593607.6	4123319.92	593607.59, 4123319.92	9.04E-02	8.21E-03	3.1E-05	9.5E-05	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.2E-06	3.0E-05	5.1E-06	7.6E-07	1.5E-06	3.1E-07	3.9E-05
509	UCART2	593647.6	4123319.92	593647.59, 4123319.92	7.33E-02	6.36E-03	2.5E-05	7.7E-05	6.6E-06	3.8E-06	3.5E-06	1.6E-06	1.0E-06	2.4E-05	3.9E-06	5.9E-07	1.2E-06	2.4E-07	3.1E-05
510	UCART2	593687.6	4123319.92	593687.59, 4123319.92	7.01E-02	5.62E-03	2.4E-05	7.3E-05	5.9E-06	3.4E-06	3.1E-06	1.4E-06	9.5E-07	2.3E-05	3.5E-06	5.2E-07	1.0E-06	2.1E-07	2.9E-05
511	UCART2	593727.6	4123319.92	593727.59, 4123319.92	4.49E-02	4.05E-03	1.6E-05	4.7E-05	4.2E-06	2.5E-06	2.2E-06	1.0E-06	6.1E-07	1.5E-05	2.5E-06	3.8E-07	7.3E-07	1.5E-07	1.9E-05
512	UCART2	593767.6	4123319.92	593767.59, 4123319.92	2.99E-02	2.96E-03	1.0E-05	3.1E-05	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.1E-07	9.8E-06	1.8E-06	2.7E-07	5.4E-07	1.1E-07	1.3E-05
513	UCART2	593807.6	4123319.92	593807.59, 4123319.92	2.02E-02	2.22E-03	7.0E-06	2.1E-05	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.7E-07	6.6E-06	1.4E-06	2.1E-07	4.0E-07	8.4E-08	9.0E-06
514	UCART2	593847.6	4123319.92	593847.59, 4123319.92	1.36E-02	1.71E-03	4.7E-06	1.4E-05	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.9E-07	4.5E-06	1.1E-06	1.6E-07	3.1E-07	6.5E-08	6.2E-06
515	UCART2	593887.6	4123319.92	593887.59, 4123319.92	9.39E-03	1.35E-03	3.2E-06	9.8E-06	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.3E-07	3.1E-06	8.3E-07	1.3E-07	2.4E-07	5.1E-08	4.5E-06
516	UCART2	593927.6	4123319.92	593927.59, 4123319.92	6.67E-03	1.09E-03	2.3E-06	7.0E-06	1.1E-06	6.6E-07	6.0E-07	2.7E-07	9.1E-08	2.2E-06	6.7E-07	1.0E-07	2.0E-07	4.1E-08	3.3E-06
517	UCART2	593967.6	4123319.92	593967.59, 4123319.92	4.90E-03	8.96E-04	1.7E-06	5.1E-06	9.4E-07	5.4E-07	4.9E-07	2.2E-07	6.7E-08	1.6E-06	5.5E-07	8.3E-08	1.6E-07	3.4E-08	2.5E-06
518	UCART2	594007.6	4123319.92	594007.59, 4123319.92	3.71E-03	7.51E-04	1.3E-06	3.9E-06	7.9E-07	4.5E-07	4.1E-07	1.9E-07	5.0E-08	1.2E-06	4.6E-07	7.0E-08	1.4E-07	2.9E-08	2.0E-06
519	UCART2	592567.6	4123359.92	592567.59, 4123359.92	3.71E-04	2.02E-04	1.3E-07	3.9E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	5.1E-09	1.2E-07	1.2E-07	1.9E-08	3.7E-08	7.7E-09	3.1E-07
520	UCART2	592607.6	4123359.92	592607.59, 4123359.92	4.02E-04	2.27E-04	1.4E-07	4.2E-07	2.4E-07	1.4E-07	1.2E-07	5.7E-08	5.5E-09	1.3E-07	1.4E-07	2.1E-08	4.1E-08	8.6E-09	3.5E-07

521 UCART2	592647.6	4123359.92	592647.59, 4123359.92	4.40E-04	2.61E-04	1.5E-07	4.6E-07	2.7E-07	1.6E-07	1.4E-07	6.5E-08	6.0E-09	1.4E-07	1.6E-07	2.4E-08	4.7E-08	9.9E-09	3.9E-07
522 UCART2	592687.6	4123359.92	592687.59, 4123359.92	4.90E-04	3.13E-04	1.7E-07	5.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	6.7E-09	1.6E-07	1.9E-07	2.9E-08	5.7E-08	1.2E-08	4.6E-07
523 UCART2	592727.6	4123359.92	592727.59, 4123359.92	5.68E-04	4.12E-04	2.0E-07	5.9E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	7.7E-09	1.9E-07	2.5E-07	3.8E-08	7.5E-08	1.6E-08	5.8E-07
524 UCART2	592767.6	4123359.92	592767.59, 4123359.92	7.22E-04	6.51E-04	2.5E-07	7.6E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	9.8E-09	2.4E-07	4.0E-07	6.0E-08	1.2E-07	2.5E-08	8.5E-07
525 UCART2	592807.6	4123359.92	592807.59, 4123359.92	9.63E-04	1.01E-03	3.3E-07	1.0E-06	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.3E-08	3.2E-07	6.2E-07	9.3E-08	1.8E-07	3.8E-08	1.3E-06
526 UCART2	592847.6	4123359.92	592847.59, 4123359.92	1.31E-03	1.60E-03	4.5E-07	1.4E-06	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.8E-08	4.3E-07	9.9E-07	1.5E-07	2.9E-07	6.1E-08	1.9E-06
527 UCART2	592887.6	4123359.92	592887.59, 4123359.92	1.09E-03	1.13E-03	3.8E-07	1.1E-06	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	3.6E-07	7.0E-07	1.1E-07	2.1E-07	4.3E-08	1.4E-06
528 UCART2	592927.6	4123359.92	592927.59, 4123359.92	1.08E-03	9.99E-04	3.7E-07	1.1E-06	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.5E-08	3.6E-07	6.2E-07	9.3E-08	1.8E-07	3.8E-08	1.3E-06
529 UCART2	592967.6	4123359.92	592967.59, 4123359.92	1.17E-03	1.02E-03	4.1E-07	1.2E-06	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.6E-08	3.8E-07	6.3E-07	9.5E-08	1.8E-07	3.9E-08	1.3E-06
530 UCART2	593007.6	4123359.92	593007.59, 4123359.92	1.35E-03	1.18E-03	4.7E-07	1.4E-06	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.8E-08	4.4E-07	7.3E-07	1.1E-07	2.1E-07	4.5E-08	1.6E-06
531 UCART2	593047.6	4123359.92	593047.59, 4123359.92	1.64E-03	1.51E-03	5.7E-07	1.7E-06	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.2E-08	5.4E-07	9.3E-07	1.4E-07	2.7E-07	5.8E-08	2.0E-06
532 UCART2	593087.6	4123359.92	593087.59, 4123359.92	2.04E-03	1.97E-03	7.1E-07	2.1E-06	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.8E-08	6.7E-07	1.2E-06	1.8E-07	3.6E-07	7.5E-08	2.5E-06
533 UCART2	593127.6	4123359.92	593127.59, 4123359.92	2.60E-03	2.68E-03	9.0E-07	2.7E-06	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.5E-08	8.5E-07	1.6E-06	2.5E-07	4.8E-07	1.0E-07	3.4E-06
534 UCART1	593167.6	4123359.92	593167.59, 4123359.92	2.80E-03	2.56E-03	9.7E-07	2.9E-06	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.8E-08	9.2E-07	1.6E-06	2.4E-07	4.6E-07	9.7E-08	3.3E-06
535 UCART1	593207.6	4123359.92	593207.59, 4123359.92	3.46E-03	3.20E-03	1.2E-06	3.6E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.7E-08	1.1E-06	2.0E-06	3.0E-07	5.8E-07	1.2E-07	4.2E-06
536 UCART1	593247.6	4123359.92	593247.59, 4123359.92	4.68E-03	4.92E-03	1.6E-06	4.9E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.4E-08	1.5E-06	3.0E-06	4.6E-07	8.9E-07	1.9E-07	6.2E-06
537 UCART1	593287.6	4123359.92	593287.59, 4123359.92	7.09E-03	1.06E-02	2.5E-06	7.4E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	9.6E-08	2.3E-06	6.5E-06	9.8E-07	1.9E-06	4.0E-07	1.2E-05
538 UCART1	593327.6	4123359.92	593327.59, 4123359.92	1.29E-02	1.33E-02	4.5E-06	1.4E-05	1.4E-05	8.0E-06	7.3E-06	3.3E-06	1.8E-07	4.2E-06	8.2E-06	1.2E-06	2.4E-06	5.0E-07	1.7E-05
539 UCART1	593367.6	4123359.92	593367.59, 4123359.92	2.22E-02	1.36E-02	7.7E-06	2.3E-05	1.4E-05	8.2E-06	7.4E-06	3.4E-06	3.0E-07	7.3E-06	8.4E-06	1.3E-06	2.5E-06	5.2E-07	2.0E-05
540 UCART1	593407.6	4123359.92	593407.59, 4123359.92	4.51E-02	1.36E-02	1.6E-05	4.7E-05	1.4E-05	8.2E-06	7.4E-06	3.4E-06	6.1E-07	1.5E-05	8.4E-06	1.3E-06	2.5E-06	5.2E-07	2.8E-05
541 UCART1	593447.6	4123359.92	593447.59, 4123359.92	6.13E-02	1.79E-02	2.1E-05	6.4E-05	1.9E-05	1.1E-05	9.8E-06	4.5E-06	8.3E-07	2.0E-05	1.1E-05	1.7E-06	3.2E-06	6.8E-07	3.8E-05
542 UCART1	593487.6	4123359.92	593487.59, 4123359.92	8.61E-02	2.03E-02	3.0E-05	9.0E-05	2.1E-05	1.2E-05	1.1E-05	5.1E-06	1.2E-06	2.8E-05	1.3E-05	1.9E-06	3.7E-06	7.7E-07	4.8E-05
543 UCART1	593527.6	4123359.92	593527.59, 4123359.92	1.07E-01	1.67E-02	3.7E-05	1.1E-04	1.7E-05	1.0E-05	9.2E-06	4.2E-06	1.5E-06	3.5E-05	1.0E-05	1.5E-06	3.0E-06	6.4E-07	5.2E-05
544 UCART1	593567.6	4123359.92	593567.59, 4123359.92	1.05E-01	1.19E-02	3.6E-05	1.1E-04	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.4E-06	3.5E-05	7.3E-06	1.1E-06	2.2E-06	4.5E-07	4.7E-05
545 UCART1	593607.6	4123359.92	593607.59, 4123359.92	1.01E-01	8.25E-03	3.5E-05	1.1E-04	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.4E-06	3.3E-05	5.1E-06	7.6E-07	1.5E-06	3.1E-07	4.2E-05
546 UCART1	593647.6	4123359.92	593647.59, 4123359.92	9.33E-02	6.01E-03	3.2E-05	9.8E-05	6.3E-06	3.6E-06	3.3E-06	1.5E-06	1.3E-06	3.1E-05	3.7E-06	5.6E-07	1.1E-06	2.3E-07	3.8E-05
547 UCART1	593687.6	4123359.92	593687.59, 4123359.92	7.25E-02	4.38E-03	2.5E-05	7.6E-05	4.6E-06	2.7E-06	2.4E-06	1.1E-06	9.9E-07	2.4E-05	2.7E-06	4.1E-07	7.9E-07	1.7E-07	2.9E-05
548 UCART1	593727.6	4123359.92	593727.59, 4123359.92	5.49E-02	3.66E-03	1.9E-05	5.7E-05	3.8E-06	2.2E-06	2.0E-06	9.2E-07	7.5E-07	1.8E-05	2.3E-06	3.4E-07	6.6E-07	1.4E-07	2.2E-05
549 UCART1	593767.6	4123359.92	593767.59, 4123359.92	3.12E-02	2.41E-03	1.1E-05	3.3E-05	2.5E-06	1.5E-06	1.3E-06	6.0E-07	4.2E-07	1.0E-05	1.5E-06	2.2E-07	4.4E-07	9.2E-08	1.3E-05
550 UCART1	593807.6	4123359.92	593807.59, 4123359.92	1.78E-02	1.75E-03	6.2E-06	1.9E-05	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-07	5.9E-06	1.1E-06	1.6E-07	3.2E-07	6.7E-08	7.7E-06
551 UCART1	593847.6	4123359.92	593847.59, 4123359.92	1.09E-02	1.35E-03	3.8E-06	1.1E-05	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.5E-07	3.6E-06	8.3E-07	1.3E-07	2.4E-07	5.1E-08	5.0E-06
552 UCART1	593887.6	4123359.92	593887.59, 4123359.92	7.25E-03	1.08E-03	2.5E-06	7.6E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	9.9E-08	2.4E-06	6.6E-07	1.0E-07	2.0E-07	4.1E-08	3.5E-06
553 UCART1	593927.6	4123359.92	593927.59, 4123359.92	5.10E-03	8.80E-04	1.8E-06	5.3E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	6.9E-08	1.7E-06	5.4E-07	8.2E-08	1.6E-07	3.3E-08	2.6E-06
554 UCART1	593967.6	4123359.92	593967.59, 4123359.92	3.77E-03	7.33E-04	1.3E-06	3.9E-06	7.7E-07	4.4E-07	4.0E-07	1.8E-07	5.1E-08	1.2E-06	4.5E-07	6.8E-08	1.3E-07	2.8E-08	2.0E-06
555 UCART1	594007.6	4123359.92	594007.59, 4123359.92	2.89E-03	6.19E-04	1.0E-06	3.0E-06	6.5E-07	3.7E-07	3.4E-07	1.5E-07	3.9E-08	9.5E-07	3.8E-07	5.7E-08	1.1E-07	2.4E-08	1.6E-06
556 UCART1	592567.6	4123399.92	592567.59, 4123399.92	3.93E-04	2.19E-04	1.4E-07	4.1E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	5.3E-09	1.3E-07	1.4E-07	2.0E-08	4.0E-08	8.3E-09	3.4E-07
557 UCART1	592607.6	4123399.92	592607.59, 4123399.92	4.27E-04	2.50E-04	1.5E-07	4.5E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	5.8E-09	1.4E-07	1.5E-07	2.3E-08	4.5E-08	9.5E-09	3.8E-07
558 UCART1	592647.6	4123399.92	592647.59, 4123399.92	4.71E-04	2.92E-04	1.6E-07	4.9E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	6.4E-09	1.5E-07	1.8E-07	2.7E-08	5.3E-08	1.1E-08	4.3E-07
559 UCART1	592687.6	4123399.92	592687.59, 4123399.92	5.29E-04	3.56E-04	1.8E-07	5.5E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	7.2E-09	1.7E-07	2.2E-07	3.3E-08	6.4E-08	1.4E-08	5.1E-07
560 UCART1	592727.6	4123399.92	592727.59, 4123399.92	6.09E-04	4.58E-04	2.1E-07	6.4E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	8.3E-09	2.0E-07	2.8E-07	4.2E-08	8.3E-08	1.7E-08	6.3E-07
561 UCART1	592767.6	4123399.92	592767.59, 4123399.92	7.32E-04	6.31E-04	2.5E-07	7.7E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	1.0E-08	2.4E-07	3.9E-07	5.9E-08	1.1E-07	2.4E-08	8.4E-07
562 UCART1	592807.6	4123399.92	592807.59, 4123399.92	9.64E-04	9.88E-04	3.3E-07	1.0E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	3.2E-07	6.1E-07	9.2E-08	1.8E-07	3.8E-08	1.2E-06
563 UCART1	592847.6	4123399.92	592847.59, 4123399.92	1.02E-03	9.61E-04	3.5E-07	1.1E-06	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.4E-08	3.3E-07	5.9E-07	8.9E-08	1.7E-07	3.7E-08	1.2E-06
564 UCART1	592887.6	4123399.92	592887.59, 4123399.92	1.34E-03	1.52E-03	4.6E-07	1.4E-06	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.8E-08	4.4E-07	9.4E-07	1.4E-07	2.7E-07	5.8E-08	1.9E-06
565 UCART1	592927.6	4123399.92	592927.59, 4123399.92	1.28E-03	1.27E-03	4.4E-07	1.3E-06	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	4.2E-07	7.8E-07	1.2E-07	2.3E-07	4.8E-08	1.6E-06
566 UCART1	592967.6	4123399.92	592967.59, 4123399.92	1.40E-03	1.35E-03	4.9E-07	1.5E-06	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.9E-08	4.6E-07	8.3E-07	1.3E-07	2.4E-07	5.1E-08	1.7E-06
567 UCART1	593007.6	4123399.92	593007.59, 4123399.92	1.63E-03	1.59E-03	5.7E-07	1.7E-06	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	5.4E-07	9.8E-07	1.5E-07	2.9E-07	6.0E-08	2.0E-06
568 UCART1	593047.6	4123399.92	593047.59, 4123399.92	1.99E-03	1.99E-03	6.9E-07	2.1E-06	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.5E-07	1.2E-06	1.8E-07	3.6E-07	7.6E-08	2.5E-06
569 UCART1	593087.6	4123399.92	593087.59, 4123399.92	2.30E-03	2.23E-03	8.0E-07	2.4E-06	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.1E-08	7.6E-07	1.4E-06	2.1E-07	4.0E-07	8.5E-08	2.9E-06
570 UCART1	593127.6	4123399.92	593127.59, 4123399.92	2.77E-03	2.63E-03	9.6E-07	2.9E-06	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.8E-08	9.1E-07	1.6E-06	2.4E-07	4.8E-07	1.0E-07	3.4E-06
571 UCART1	593167.6	4123399.92	593167.59, 4123399.92	3.23E-03	2.79E-03	1.1E-06	3.4E-06	2.9E-06	1.7E-06	1.5E-06	7.0E-07	4.4E-08	1.1E-06	1.7E-06	2.6E-07	5.1E-07	1.1E-07	3.7E-06
572 UCART1	593207.6	4123399.92	593207.59, 4123399.92	4.27E-03	3.72E-03	1.5E-06	4.5E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.8E-08	1.4E-06	2.3E-06	3.5E-07	6.7E-07	1.4E-07	4.9E-06
573 UCART1	593247.6	4123399.92	593247.59, 4123399.92	6.25E-03	5.91E-03	2.2E-06	6.5E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	8.5E-08	2.1E-06	3.6E-06	5.5E-07	1.1E-06	2.2E-07	7.6E-06

574	UCART1	593287.6	4123399.92	593287.59, 4123399.92	1.06E-02	1.27E-02	3.7E-06	1.1E-05	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.4E-07	3.5E-06	7.8E-06	1.2E-06	2.3E-06	4.8E-07	1.5E-05
575	UCART1	593327.6	4123399.92	593327.59, 4123399.92	2.31E-02	1.76E-02	8.0E-06	2.4E-05	1.8E-05	1.1E-05	9.7E-06	4.4E-06	3.1E-07	7.6E-06	1.1E-05	1.6E-06	3.2E-06	6.7E-07	2.4E-05
576	UCART1	593367.6	4123399.92	593367.59, 4123399.92	4.52E-02	2.61E-02	1.6E-05	4.7E-05	2.7E-05	1.6E-05	1.4E-05	6.5E-06	6.2E-07	1.5E-05	1.6E-05	2.4E-06	4.7E-06	9.9E-07	4.0E-05
577	UCART1	593407.6	4123399.92	593407.59, 4123399.92	7.57E-02	3.81E-02	2.6E-05	7.9E-05	4.0E-05	2.3E-05	2.1E-05	9.5E-06	1.0E-06	2.5E-05	2.3E-05	3.5E-06	6.9E-06	1.4E-06	6.1E-05
578	UCART1	593447.6	4123399.92	593447.59, 4123399.92	9.60E-02	5.19E-02	3.3E-05	1.0E-04	5.4E-05	3.1E-05	2.8E-05	1.3E-05	1.3E-06	3.2E-05	3.2E-05	4.8E-06	9.4E-06	2.0E-06	8.1E-05
579	UCART1	593487.6	4123399.92	593487.59, 4123399.92	1.17E-01	3.32E-02	4.0E-05	1.2E-04	3.5E-05	2.0E-05	1.8E-05	8.3E-06	1.6E-06	3.8E-05	2.0E-05	3.1E-06	6.0E-06	1.3E-06	7.1E-05
580	UCART1	593527.6	4123399.92	593527.59, 4123399.92	1.25E-01	1.81E-02	4.3E-05	1.3E-04	1.9E-05	1.1E-05	9.9E-06	4.5E-06	1.7E-06	4.1E-05	1.1E-05	1.7E-06	3.3E-06	6.9E-07	6.0E-05
581	UCART1	593567.6	4123399.92	593567.59, 4123399.92	1.10E-01	1.03E-02	3.8E-05	1.1E-04	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.5E-06	3.6E-05	6.4E-06	9.6E-07	1.9E-06	3.9E-07	4.7E-05
582	UCART1	593607.6	4123399.92	593607.59, 4123399.92	1.03E-01	6.44E-03	3.6E-05	1.1E-04	6.7E-06	3.9E-06	3.5E-06	1.6E-06	1.4E-06	3.4E-05	4.0E-06	6.0E-07	1.2E-06	2.4E-07	4.1E-05
583	UCART1	593647.6	4123399.92	593647.59, 4123399.92	1.10E-01	4.45E-03	3.8E-05	1.2E-04	4.7E-06	2.7E-06	2.4E-06	1.1E-06	1.5E-06	3.6E-05	2.7E-06	4.1E-07	8.1E-07	1.7E-07	4.2E-05
584	UCART1	593687.6	4123399.92	593687.59, 4123399.92	8.75E-02	3.34E-03	3.0E-05	9.1E-05	3.5E-06	2.0E-06	1.8E-06	8.4E-07	1.2E-06	2.9E-05	2.1E-06	3.1E-07	6.1E-07	1.3E-07	3.3E-05
585	UCART1	593727.6	4123399.92	593727.59, 4123399.92	5.87E-02	2.47E-03	2.0E-05	6.1E-05	2.6E-06	1.5E-06	1.4E-06	6.2E-07	8.0E-07	1.9E-05	1.5E-06	2.3E-07	4.5E-07	9.4E-08	2.2E-05
586	UCART1	593767.6	4123399.92	593767.59, 4123399.92	2.31E-02	1.70E-03	8.0E-06	2.4E-05	1.8E-06	1.0E-06	9.3E-07	4.3E-07	3.1E-07	7.6E-06	1.0E-06	1.6E-07	3.1E-07	6.5E-08	9.5E-06
587	UCART1	593807.6	4123399.92	593807.59, 4123399.92	1.20E-02	1.30E-03	4.2E-06	1.3E-05	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.6E-07	4.0E-06	8.0E-07	1.2E-07	2.4E-07	5.0E-08	5.3E-06
588	UCART1	593847.6	4123399.92	593847.59, 4123399.92	7.44E-03	1.03E-03	2.6E-06	7.8E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.0E-07	2.4E-06	6.4E-07	9.6E-08	1.9E-07	3.9E-08	3.5E-06
589	UCART1	593887.6	4123399.92	593887.59, 4123399.92	5.09E-03	8.42E-04	1.8E-06	5.3E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	6.9E-08	1.7E-06	5.2E-07	7.8E-08	1.5E-07	3.2E-08	2.5E-06
590	UCART1	593927.6	4123399.92	593927.59, 4123399.92	3.71E-03	7.00E-04	1.3E-06	3.9E-06	7.3E-07	4.2E-07	3.8E-07	1.8E-07	5.0E-08	1.2E-06	4.3E-07	6.5E-08	1.3E-07	2.7E-08	1.9E-06
591	UCART1	593967.6	4123399.92	593967.59, 4123399.92	2.83E-03	5.93E-04	9.8E-07	3.0E-06	6.2E-07	3.6E-07	3.3E-07	1.5E-07	3.9E-08	9.3E-07	3.7E-07	5.5E-08	1.1E-07	2.3E-08	1.5E-06
592	UCART1	594007.6	4123399.92	594007.59, 4123399.92	2.24E-03	5.10E-04	7.8E-07	2.3E-06	5.3E-07	3.1E-07	2.8E-07	1.3E-07	3.0E-08	7.4E-07	3.1E-07	4.7E-08	9.2E-08	1.9E-08	1.2E-06
593	UCART1	592567.6	4123439.92	592567.59, 4123439.92	4.16E-04	2.39E-04	1.4E-07	4.3E-07	2.5E-07	1.4E-07	1.3E-07	6.0E-08	5.7E-09	1.4E-07	1.5E-07	2.2E-08	4.3E-08	9.1E-09	3.6E-07
594	UCART1	592607.6	4123439.92	592607.59, 4123439.92	4.55E-04	2.74E-04	1.6E-07	4.8E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	6.2E-09	1.5E-07	1.7E-07	2.5E-08	5.0E-08	1.0E-08	4.1E-07
595	UCART1	592647.6	4123439.92	592647.59, 4123439.92	5.03E-04	3.21E-04	1.7E-07	5.3E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	6.8E-09	1.7E-07	2.0E-07	3.0E-08	5.8E-08	1.2E-08	4.7E-07
596	UCART1	592687.6	4123439.92	592687.59, 4123439.92	5.64E-04	3.86E-04	2.0E-07	5.9E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	7.7E-09	1.9E-07	2.4E-07	3.6E-08	7.0E-08	1.5E-08	5.5E-07
597	UCART1	592727.6	4123439.92	592727.59, 4123439.92	6.44E-04	4.77E-04	2.2E-07	6.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	8.8E-09	2.1E-07	2.9E-07	4.4E-08	8.6E-08	1.8E-08	6.6E-07
598	UCART1	592767.6	4123439.92	592767.59, 4123439.92	7.52E-04	6.13E-04	2.6E-07	7.9E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	1.0E-08	2.5E-07	3.8E-07	5.7E-08	1.1E-07	2.3E-08	8.3E-07
599	UCART1	592807.6	4123439.92	592807.59, 4123439.92	9.18E-04	8.44E-04	3.2E-07	9.6E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.2E-08	3.0E-07	5.2E-07	7.8E-08	1.5E-07	3.2E-08	1.1E-06
600	UCART1	592847.6	4123439.92	592847.59, 4123439.92	1.28E-03	1.41E-03	4.4E-07	1.3E-06	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.7E-08	4.2E-07	8.7E-07	1.3E-07	2.6E-07	5.4E-08	1.7E-06
601	UCART1	592887.6	4123439.92	592887.59, 4123439.92	1.43E-03	1.53E-03	5.0E-07	1.5E-06	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.9E-08	4.7E-07	9.5E-07	1.4E-07	2.8E-07	5.8E-08	1.9E-06
602	UCART1	592927.6	4123439.92	592927.59, 4123439.92	1.75E-03	2.02E-03	6.1E-07	1.8E-06	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.4E-08	5.7E-07	1.2E-06	1.9E-07	3.6E-07	7.7E-08	2.5E-06
603	UCART1	592967.6	4123439.92	592967.59, 4123439.92	1.97E-03	2.29E-03	6.8E-07	2.1E-06	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.7E-08	6.5E-07	1.4E-06	2.1E-07	4.1E-07	8.7E-08	2.8E-06
604	UCART1	593007.6	4123439.92	593007.59, 4123439.92	2.18E-03	2.42E-03	7.6E-07	2.3E-06	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.0E-08	7.2E-07	1.5E-06	2.2E-07	4.4E-07	9.2E-08	3.0E-06
605	UCART1	593047.6	4123439.92	593047.59, 4123439.92	2.66E-03	2.97E-03	9.2E-07	2.8E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.6E-08	8.7E-07	1.8E-06	2.8E-07	5.4E-07	1.1E-07	3.7E-06
606	UCART1	593087.6	4123439.92	593087.59, 4123439.92	2.97E-03	3.09E-03	1.0E-06	3.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.0E-08	9.7E-07	1.9E-06	2.9E-07	5.6E-07	1.2E-07	3.9E-06
607	UCART1	593127.6	4123439.92	593127.59, 4123439.92	3.02E-03	2.48E-03	1.0E-06	3.2E-06	2.6E-06	1.5E-06	1.4E-06	6.2E-07	4.1E-08	9.9E-07	1.5E-06	2.3E-07	4.5E-07	9.4E-08	3.3E-06
608	UCART1	593167.6	4123439.92	593167.59, 4123439.92	3.87E-03	3.00E-03	1.3E-06	4.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	5.3E-08	1.3E-06	1.8E-06	2.8E-07	5.4E-07	1.1E-07	4.1E-06
609	UCART1	593207.6	4123439.92	593207.59, 4123439.92	5.42E-03	4.26E-03	1.9E-06	5.7E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	7.4E-08	1.8E-06	2.6E-06	3.9E-07	7.7E-07	1.6E-07	5.8E-06
610	UCART1	593247.6	4123439.92	593247.59, 4123439.92	8.31E-03	7.00E-03	2.9E-06	8.7E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	1.1E-07	2.7E-06	4.3E-06	6.5E-07	1.3E-06	2.7E-07	9.3E-06
611	UCART1	593287.6	4123439.92	593287.59, 4123439.92	1.43E-02	1.57E-02	5.0E-06	1.5E-05	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.9E-07	4.7E-06	9.7E-06	1.5E-06	2.8E-06	6.0E-07	1.9E-05
612	UCART1	593327.6	4123439.92	593327.59, 4123439.92	2.99E-02	2.99E-02	1.0E-05	3.1E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	4.1E-07	9.8E-06	1.8E-05	2.8E-06	5.4E-06	1.1E-06	3.8E-05
613	UCART1	593367.6	4123439.92	593367.59, 4123439.92	5.42E-02	9.50E-02	1.9E-05	5.7E-05	9.9E-05	5.7E-05	5.2E-05	2.4E-05	7.4E-07	1.8E-05	5.9E-05	8.8E-06	1.7E-05	3.6E-06	1.1E-04
614	UCART1	593407.6	4123439.92	593407.59, 4123439.92	8.93E-02	2.79E-01	3.1E-05	9.3E-05	2.9E-04	1.7E-04	1.5E-04	7.0E-05	1.2E-06	2.9E-05	1.7E-04	2.6E-05	5.0E-05	1.1E-05	2.9E-04
615	UCART1	593447.6	4123439.92	593447.59, 4123439.92	1.05E-01	7.09E-02	3.6E-05	1.1E-04	7.4E-05	4.3E-05	3.9E-05	1.8E-05	1.4E-06	3.4E-05	4.4E-05	6.6E-06	1.3E-05	2.7E-06	1.0E-04
616	UCART1	593487.6	4123439.92	593487.59, 4123439.92	1.09E-01	2.38E-02	3.8E-05	1.1E-04	2.5E-05	1.4E-05	1.3E-05	6.0E-06	1.5E-06	3.6E-05	1.5E-05	2.2E-06	4.3E-06	9.0E-07	5.9E-05
617	UCART1	593527.6	4123439.92	593527.59, 4123439.92	1.04E-01	1.10E-02	3.6E-05	1.1E-04	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.4E-06	3.4E-05	6.8E-06	1.0E-06	2.0E-06	4.2E-07	4.6E-05
618	UCART1	593567.6	4123439.92	593567.59, 4123439.92	9.91E-02	6.26E-03	3.4E-05	1.0E-04	6.5E-06	3.8E-06	3.4E-06	1.6E-06	1.3E-06	3.3E-05	3.9E-06	5.8E-07	1.1E-06	2.4E-07	4.0E-05
619	UCART1	593607.6	4123439.92	593607.59, 4123439.92	8.43E-02	4.02E-03	2.9E-05	8.8E-05	4.2E-06	2.4E-06	2.2E-06	1.0E-06	1.1E-06	2.8E-05	2.5E-06	3.7E-07	7.3E-07	1.5E-07	3.3E-05
620	UCART1	593647.6	4123439.92	593647.59, 4123439.92	7.44E-02	2.84E-03	2.6E-05	7.8E-05	3.0E-06	1.7E-06	1.6E-06	7.1E-07	1.0E-06	2.4E-05	1.7E-06	2.6E-07	5.1E-07	1.1E-07	2.8E-05
621	UCART1	593687.6	4123439.92	593687.59, 4123439.92	4.80E-02	2.11E-03	1.7E-05	5.0E-05	2.2E-06	1.3E-06	1.2E-06	5.3E-07	6.5E-07	1.6E-05	1.3E-06	2.0E-07	3.8E-07	8.0E-08	1.8E-05
622	UCART1	593727.6	4123439.92	593727.59, 4123439.92	2.28E-02	1.57E-03	7.9E-06	2.4E-05	1.6E-06	9.5E-07	8.6E-07	3.9E-07	3.1E-07	7.5E-06	9.7E-07	1.5E-07	2.8E-07	6.0E-08	9.3E-06

OPERATIONAL RISK (UNMITIGATED)

OPERATIONAL RISK (UNMITIGATED)

Unmitigated

Onsite Circulation	Idle	Offsite Circulation	Generator
1.38E-04	7.72E-04	7.78E-05	3.81E-04

Operations

Discrete Receptor ID	X	Y	X, Y	Concentration (AVERAGE CONC) [ug/m^3] at 1 g/s				Concentration (AVERAGE CONC) [ug/m^3]					Residential Dose						Risk by Age Group				
				Onsite Trucks	Idle	Offsite	Generator	Onsite Trucks	Idle	Offsite	Generator	Unmitigated Total	3rd Tri	0<2	2<9	9<16	16<30	3rd Tri	0<2	2<9	9<16	16<30	Total Risk
1	UCART1	592567.6	4122799.92	592567.59, 4122799.92	0.0743	0.06148	0.09667	0.0002	1.03E-05	4.75E-05	7.52E-06	7.61E-08	6.53E-05	2.3E-08	6.8E-08	4.0E-08	3.6E-08	1.6E-08	7.6E-10	1.8E-08	9.4E-09	8.5E-09	2.6E-09	3.9E-08
2	UCART1	592607.6	4122799.92	592607.59, 4122799.92	0.07845	0.06461	0.10277	0.00021	1.08E-05	4.99E-05	7.99E-06	7.99E-08	6.88E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	1.9E-08	9.9E-09	9.0E-09	2.7E-09	4.2E-08
3	UCART1	592647.6	4122799.92	592647.59, 4122799.92	0.08252	0.06766	0.1085	0.00022	1.14E-05	5.22E-05	8.44E-06	8.37E-08	7.22E-05	2.5E-08	7.5E-08	4.4E-08	4.0E-08	1.8E-08	8.3E-10	2.0E-08	1.0E-08	9.4E-09	2.8E-09	4.4E-08
4	UCART1	592687.6	4122799.92	592687.59, 4122799.92	0.08812	0.07193	0.119	0.00024	1.22E-05	5.55E-05	9.26E-06	9.13E-08	7.71E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	8.9E-10	2.2E-08	1.1E-08	1.0E-08	3.0E-09	4.7E-08
5	UCART1	592727.6	4122799.92	592727.59, 4122799.92	0.09336	0.07584	0.12651	0.00025	1.29E-05	5.86E-05	9.84E-06	9.51E-08	8.14E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	9.4E-10	2.3E-08	1.2E-08	1.1E-08	3.2E-09	4.9E-08
6	UCART1	592767.6	4122799.92	592767.59, 4122799.92	0.09945	0.0803	0.13504	0.00026	1.38E-05	6.20E-05	1.05E-05	9.89E-08	8.64E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.0E-09	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
7	UCART1	592807.6	4122799.92	592807.59, 4122799.92	0.1065	0.08531	0.14498	0.00027	1.47E-05	6.59E-05	1.13E-05	1.03E-07	9.20E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.6E-09	5.6E-08
8	UCART1	592847.6	4122799.92	592847.59, 4122799.92	0.11221	0.0891	0.15181	0.00028	1.55E-05	6.88E-05	1.18E-05	1.07E-07	9.62E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.8E-09	5.8E-08
9	UCART1	592887.6	4122799.92	592887.59, 4122799.92	0.1201	0.09429	0.16381	0.0003	1.66E-05	7.28E-05	1.27E-05	1.14E-07	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.0E-09	6.2E-08
10	UCART1	592927.6	4122799.92	592927.59, 4122799.92	0.12896	0.09998	0.18398	0.00031	1.78E-05	7.72E-05	1.43E-05	1.18E-07	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
11	UCART1	592967.6	4122799.92	592967.59, 4122799.92	0.13833	0.10588	0.19765	0.00033	1.91E-05	8.17E-05	1.54E-05	1.26E-07	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.3E-09	3.2E-08	1.7E-08	1.5E-08	4.6E-09	7.0E-08
12	UCART1	593007.6	4122799.92	593007.59, 4122799.92	0.14775	0.11121	0.21127	0.00034	2.04E-05	8.59E-05	1.64E-05	1.29E-07	1.23E-04	4.3E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.9E-09	7.4E-08
13	UCART1	593047.6	4122799.92	593047.59, 4122799.92	0.16429	0.11796	0.22707	0.00036	2.27E-05	9.11E-05	1.77E-05	1.37E-07	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
14	UCART1	593087.6	4122799.92	593087.59, 4122799.92	0.18405	0.12439	0.24294	0.00037	2.55E-05	9.60E-05	1.89E-05	1.41E-07	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.5E-08
15	UCART1	593127.6	4122799.92	593127.59, 4122799.92	0.20071	0.14331	0.2604	0.00039	2.78E-05	1.11E-04	2.03E-05	1.48E-07	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	4.4E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
16	UCART1	593167.6	4122799.92	593167.59, 4122799.92	0.21463	0.15022	0.27896	0.00041	2.97E-05	1.16E-04	2.17E-05	1.56E-07	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
17	UCART1	593207.6	4122799.92	593207.59, 4122799.92	0.23052	0.16956	0.30238	0.00043	3.19E-05	1.31E-04	2.35E-05	1.64E-07	1.86E-04	6.5E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	5.2E-08	2.7E-08	2.4E-08	7.4E-09	1.1E-07
18	UCART1	593247.6	4122799.92	593247.59, 4122799.92	0.24123	0.17633	0.32674	0.00045	3.34E-05	1.36E-04	2.54E-05	1.71E-07	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.4E-08	2.8E-08	2.5E-08	7.7E-09	1.2E-07
19	UCART1	593287.6	4122799.92	593287.59, 4122799.92	0.25179	0.18268	0.3494	0.00047	3.48E-05	1.41E-04	2.72E-05	1.79E-07	2.03E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	5.7E-08	2.9E-08	2.6E-08	8.0E-09	1.2E-07
20	UCART1	593327.6	4122799.92	593327.59, 4122799.92	0.26383	0.18907	0.37501	0.0005	3.65E-05	1.46E-04	2.92E-05	1.90E-07	2.12E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	5.9E-08	3.0E-08	2.8E-08	8.4E-09	1.3E-07
21	UCART1	593367.6	4122799.92	593367.59, 4122799.92	0.27884	0.19598	0.40412	0.00053	3.86E-05	1.51E-04	3.14E-05	2.02E-07	2.22E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
22	UCART1	593407.6	4122799.92	593407.59, 4122799.92	0.29806	0.20424	0.43561	0.00057	4.12E-05	1.58E-04	3.39E-05	2.17E-07	2.33E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	6.5E-08	3.3E-08	3.0E-08	9.2E-09	1.4E-07
23	UCART1	593447.6	4122799.92	593447.59, 4122799.92	0.32047	0.21403	0.46637	0.00063	4.43E-05	1.65E-04	3.63E-05	2.40E-07	2.46E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.2E-08	2.8E-09	6.9E-08	3.5E-08	3.2E-08	9.7E-09	1.5E-07
24	UCART1	593487.6	4122799.92	593487.59, 4122799.92	0.34627	0.22631	0.49798	0.00069	4.79E-05	1.75E-04	3.87E-05	2.63E-07	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	7.3E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
25	UCART1	593527.6	4122799.92	593527.59, 4122799.92	0.3751	0.2411	0.53088	0.00078	5.19E-05	1.86E-04	4.13E-05	2.97E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	7.8E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
26	UCART1	593567.6	4122799.92	593567.59, 4122799.92	0.40722	0.25774	0.56356	0.00089	5.63E-05	1.99E-04	4.38E-05	3.39E-07	2.99E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
27	UCART1	593607.6	4122799.92	593607.59, 4122799.92	0.44237	0.27496	0.5941	0.00099	6.12E-05	2.12E-04	4.62E-05	3.77E-07	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	8.9E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
28	UCART1	593647.6	4122799.92	593647.59, 4122799.92	0.48216	0.29298	0.62109	0.00108	6.67E-05	2.26E-04	4.83E-05	4.11E-07	3.42E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	9.5E-08	4.9E-08	4.5E-08	1.3E-08	2.1E-07
29	UCART1	593687.6	4122799.92	593687.59, 4122799.92	0.52421	0.31156	0.64323	0.00114	7.25E-05	2.41E-04	5.00E-05	4.34E-07	3.64E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
30	UCART1	593727.6	4122799.92	593727.59, 4122799.92	0.56685	0.33175	0.66107	0.0012	7.84E-05	2.56E-04	5.14E-05	4.57E-07	3.86E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	1.1E-07	5.6E-08	5.0E-08	1.5E-08	2.3E-07
31	UCART1	593767.6	4122799.92	593767.59, 4122799.92	0.60913	0.35562	0.67525	0.0013	8.42E-05	2.75E-04	5.25E-05	4.95E-07	4.12E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.1E-07	5.9E-08	5.4E-08	1.6E-08	2.5E-07
32	UCART1	593807.6	4122799.92	593807.59, 4122799.92	0.64547	0.38147	0.68413	0.00144	8.93E-05	2.95E-04	5.32E-05	5.48E-07	4.38E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.1E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
33	UCART1	593847.6	4122799.92	593847.59, 4122799.92	0.67593	0.41024	0.68901	0.00168	9.35E-05	3.17E-04	5.36E-05	6.39E-07	4.64E-04	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	5.4E-09	1.3E-07	6.7E-08	6.1E-08	1.8E-08	2.8E-07
34	UCART1	593887.6	4122799.92	593887.59, 4122799.92	0.69769	0.43891	0.68897	0.00201	9.65E-05	3.39E-04	5.36E-05	7.65E-07	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
35	UCART1	593927.6	4122799.92	593927.59, 4122799.92	0.71059	0.46563	0.6843	0.00239	9.83E-05	3.60E-04	5.32E-05	9.09E-07	5.12E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
36	UCART1	593967.6	4122799.92	593967.59, 4122799.92	0.71479	0.48906	0.67504	0.00284	9.89E-05	3.78E-04	5.25E-05	1.08E-06	5.30E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
37	UCART1	594007.6	4122799.92	594007.59, 4122799.92	0.71105	0.50832	0.66119	0.00338	9.83E-05	3.92E-04	5.14E-05	1.29E-06	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	1.5E-07	7.8E-08	7.1E-08	2.1E-08	3.3E-07
38	UCART1	592567.6	4122839.92	592567.59, 4122839.92	0.07939	0.06519	0.10511	0.00021	1.10E-05	5.03E-05	8.18E-06	7.99E-08	6.96E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	1.9E-08	1.0E-08	9.1E-09	2.7E-09	4.2E-08
39	UCART1	592607.6	4122839.92	592607.59, 4122839.92	0.08386	0.06845	0.11204	0.00022	1.16E-05	5.28E-05	8.72E-06	8.37E-08	7.32E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	8.5E-10	2.0E-08	1.1E-08	9.5E-09	2.9E-09	4.4E-08
40	UCART1	592647.6	4122839.92	592647.59, 4122839.92	0.08825	0.07161	0.11984	0.00023	1.22E-05	5.53E-05	9.32E-06	8.75E-08	7.69E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	8.9E-10	2.1E-08	1.1E-08	1.0E-08	3.0E-09	4.6E-08
41	UCART1	592687.6	4122839.92	592687.59, 4122839.92	0.09337	0.07535	0.12832	0.00025	1.29E-05	5.82E-05	9.98E-06	9.51E-08	8.12E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	9.4E-10	2.3E-08	1.2E-08	1.1E-08	3.2E-09	4.9E-08
42	UCART1	592727.6	4122839.92	592727.59, 4122839.92	0.09971	0.08002	0.13891	0.00026	1.38E-05	6.18E-05	1.08E-05	9.89E-08	8.65E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.0E-09	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
43	UCART1	592767.6	4122839.92	592767.59, 4122839.92	0.10756	0.08577	0.15149	0.00027	1.49E-05	6.62E-05	1.18E-05	1.03E-07	9.30E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.6E-08
44	UCART1	592807.6	4122839.92	592807.59, 4122839.92	0.11435	0.09053	0.16039	0.00029	1.58E-05	6.99E-05	1.25E-05	1.10E-07	9.83E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.9E-09	5.9E-08
45	UCART1	592847.6	4122839.92	592847.59, 4122839.92	0.12158	0.09541	0.16994	0.0003	1.68E-05	7.37E-05	1.32E-05	1.14E-07	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.1E-09	6.3E-08
46	UCART1	592887.6	4122839.92	592887.59, 4122839.92	0.12995	0.10086	0.18223	0.00032	1.80E-05	7.79E-05	1.42E-05	1.22E-07	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.3E-09	6.7E-08
47	UCART1	592927.6	4122839.92	592927.59, 4122839.92	0.14052	0.10761	0.20546	0.00033	1.94E-05	8.31E-05	1.60E-05	1.26E-07	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.7E-09	7.2E-08
48	UCART1	592967.6	4122839.92	592967.59, 4122839.92	0.15131	0.11423	0.22274	0.00035	2.09E-05	8.82E-05	1.73E-05	1.33E-07	1.27E-04	4.4E-08	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
49	UCART1	593007.6	4122839.92	593007.59, 4122839.92	0.17479	0.12351	0.24252	0.00037	2.42E-05	9.54E-05	1.89E-05	1.41E-07	1.39E-04	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
50	UCART1	593047.6	4122839.92	593047.59, 4122839.92	0.20274	0.14353	0.26193	0.00039	2.80E-05	1.11E-04	2.04E-05	1.48E-07	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
51	UCART1	593087.6	4122839.92	593087.59, 4122839.92	0.20847	0.13674	0.27972	0.00041	2.88E-05	1.06E-04	2.18E-05	1.56E-07	1.56E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	4.4E-08	2.2E-08	2.0E-08	6.2E-09	9.4E-08
52	UCART1	593127.6	4122839.92	593127.59, 4122839.92	0.22735	0.15743	0.30174	0.00043	3.14E-05	1.22E-04	2.35E-05	1.64E-07	1.77E-04	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.0E-09	4.9E-08	2.5E-08	2.3E-08	7.0E-09	1.1E-07
53	UCART1	593167.6	4122839.92	593167.59, 4122839.92	0.24388	0.17906	0.32767	0.00045	3.37E-05	1.38E-04	2.55E-05	1.71E-07	1.98E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
54	UCART1	593207.6	4122839.92	593207.59, 4122839.92	0.2615	0.18742	0.35667	0.00047	3.62E-05	1.45E-04	2.77E-05	1.79E-07	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.3E-07
55	UCART1	593247.6	4122839.92	593247.59, 4122839.92	0.27497	0.19558	0.38605	0.00049	3.80E-05	1.51E-04	3.00E-05	1.86E-07	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	6.1E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
56	UCART1	593287.6	4122839.92	593287.59, 4122839.92	0.28871	0.20349	0.41746	0.00052	3.99E-05	1.57E-04	3.25E-05	1.98E-07	2.30E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.7E-09	6.4E-08	3.3E-08	3.0E-08	9.1E-09	1.4E-07
57	UCART1	593327.6	4122839.92	593327.59, 4122839.92	0.30399	0.21122	0.45002	0.00055	4.20E-05	1.63E-04	3.50E-05	2.09E-07	2.40E-04	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	6.7E-08	3.5E-08	3.1E-08	9.5E-09	1.5E-07
58	UCART1	593367.6	4122839.92	593367.59, 4122839.92	0.32316	0.21955	0.48555	0.00059	4.47E-05	1.70E-04	3.78E-05	2.25E-07	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	7.0E-08	3.6E-08	3.3E-08	1.0E-08	1.5E-07
59	UCART1	593407.6	4122839.92	593407.59, 4122839.92	0.34791	0.22958	0.52536	0.00064	4.81E-05	1.77E-04	4.09E-05	2.44E-07	2.66E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	7.4E-08	3.8E-08	3.5E-08	1.1E-08	1.6E-07
60	UCART1	593447.6	4122839.92	593447.59, 4122839.92	0.37704	0.24167	0.56401	0.0007	5.21E-05	1.87E-04	4.39E-05	2.66E-07	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	7.9E-08	4.1E-08	3.7E-08	1.1E-08	1.7E-07
61	UCART1	593487.6	4122839.92	593487.59, 4122839.92	0.41084	0.25695	0.60396	0.00078	5.68E-05	1.98E-04	4.70E-05	2.97E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
62	UCART1	593527.6	4122839.92	593527.59, 4122839.92	0.44926	0.2753	0.64334	0.00088	6.21E-05	2.13E-04	5.00E-05	3.35E-07	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.8E-09	9.1E-08	4.7E-08	4.2E-08	1.3E-08	2.0E-07
63	UCART1	593567.6	4122839.92	593567.59, 4122839.92	0.49291	0.2958	0.68229	0.00102	6.82E-05	2.28E-04	5.31E-05	3.88E-07	3.50E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.0E-09	9.8E-08	5.0E-08	4.6E-08	1.4E-08	2.1E-07
64	UCART1	593607.6	4122839.92	593607.59, 4122839.92	0.54075	0.31691	0.71393	0.00113	7.48E-05	2.45E-04	5.55E-05	4.30E-07	3.75E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.3E-09	1.0E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
65	UCART1	593647.6	4122839.92	593647.59, 4122839.92	0.59449	0.34008	0.74156	0.00124	8.22E-05	2.63E-04	5.77E-05	4.72E-07	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.8E-08	5.3E-08	1.6E-08	2.4E-07
66	UCART1	593687.6	4122839.92	593687.59, 4122839.92	0.64848	0.36425	0.76299	0.00131	8.97E-05	2.81E-04	5.94E-05	4.98E-07	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
67	UCART1	593727.6	4122839.92	593727.59, 4122839.92	0.69995	0.39072	0.77808	0.00141	9.68E-05	3.02E-04	6.05E-05	5.37E-07	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	1.3E-07	6.6E-08	6.0E-08	1.8E-08	2.8E-07
68	UCART1	593767.6	4122839.92	593767.59, 4122839.92	0.74637	0.42184	0.78823	0.00154	1.03E-04	3.26E-04	6.13E-05	5.86E-07	4.91E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.4E-08	1.9E-08	3.0E-07
69	UCART1	593807.6	4122839.92	593807.59, 4122839.92	0.78299	0.45492	0.79173	0.00175	1.08E-04	3.51E-04	6.16E-05	6.66E-07	5.22E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-09	1.5E-07	7.5E-08	6.8E-08	2.1E-08	3.2E-07
70	UCART1	593847.6	4122839.92	593847.59, 4122839.92	0.80907	0.48955	0.79016	0.00208	1.12E-04	3.78E-04	6.15E-05	7.91E-07	5.52E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	7.9E-08	7.2E-08	2.2E-08	3.3E-07
71	UCART1	593887.6	4122839.92	593887.59, 4122839.92	0.82317	0.52217	0.78255	0.00253	1.14E-04	4.03E-04	6.09E-05	9.63E-07	5.79E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	1.6E-07	8.3E-08	7.5E-08	2.3E-08	3.5E-07
72	UCART1	593927.6	4122839.92	593927.59, 4122839.92	0.82588	0.55086	0.76963	0.00309	1.14E-04	4.25E-04	5.99E-05	1.18E-06	6.01E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	1.7E-07	8.6E-08	7.8E-08	2.4E-08	3.6E-07

OPERATIONAL RISK (UNMITIGATED)

73	UCART1	593967.6	4122839.92	593967.59, 4122839.92	0.81816	0.5743	0.75149	0.00372	1.13E-04	4.43E-04	5.85E-05	1.42E-06	6.16E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.9E-08	8.0E-08	2.4E-08	3.7E-07
74	UCART1	594007.6	4122839.92	594007.59, 4122839.92	0.80149	0.59168	0.7283	0.00431	1.11E-04	4.57E-04	5.67E-05	1.64E-06	6.26E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	1.7E-07	9.0E-08	8.2E-08	2.5E-08	3.8E-07
75	UCART1	592567.6	4122879.92	592567.59, 4122879.92	0.08536	0.06958	0.1153	0.00022	1.18E-05	5.37E-05	8.97E-06	8.37E-08	7.46E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	8.6E-10	2.1E-08	1.1E-08	9.7E-09	2.9E-09	4.5E-08
76	UCART1	592607.6	4122879.92	592607.59, 4122879.92	0.09029	0.07307	0.1246	0.00023	1.25E-05	5.64E-05	9.69E-06	8.75E-08	7.87E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	9.1E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
77	UCART1	592647.6	4122879.92	592647.59, 4122879.92	0.09487	0.07621	0.13253	0.00024	1.31E-05	5.88E-05	1.03E-05	9.13E-08	8.24E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	9.5E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.0E-08
78	UCART1	592687.6	4122879.92	592687.59, 4122879.92	0.09983	0.07963	0.14026	0.00026	1.38E-05	6.15E-05	1.09E-05	9.89E-08	8.63E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.0E-09	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
79	UCART1	592727.6	4122879.92	592727.59, 4122879.92	0.10771	0.08534	0.15584	0.00027	1.49E-05	6.59E-05	1.21E-05	1.03E-07	9.30E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.6E-08
80	UCART1	592767.6	4122879.92	592767.59, 4122879.92	0.11597	0.09126	0.16932	0.00029	1.60E-05	7.05E-05	1.32E-05	1.10E-07	9.98E-05	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.2E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
81	UCART1	592807.6	4122879.92	592807.59, 4122879.92	0.12351	0.09645	0.17947	0.0003	1.71E-05	7.45E-05	1.40E-05	1.14E-07	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
82	UCART1	592847.6	4122879.92	592847.59, 4122879.92	0.13346	0.10325	0.1963	0.00032	1.85E-05	7.97E-05	1.53E-05	1.22E-07	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.9E-08
83	UCART1	592887.6	4122879.92	592887.59, 4122879.92	0.14416	0.11028	0.21858	0.00034	1.99E-05	8.51E-05	1.70E-05	1.29E-07	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
84	UCART1	592927.6	4122879.92	592927.59, 4122879.92	0.15634	0.11798	0.23676	0.00036	2.16E-05	9.11E-05	1.84E-05	1.37E-07	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	7.9E-08
85	UCART1	592967.6	4122879.92	592967.59, 4122879.92	0.17084	0.12585	0.25613	0.00038	2.36E-05	9.72E-05	1.99E-05	1.45E-07	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.6E-09	8.5E-08
86	UCART1	593007.6	4122879.92	593007.59, 4122879.92	0.19239	0.13451	0.27842	0.0004	2.66E-05	1.04E-04	2.17E-05	1.52E-07	1.52E-04	5.3E-08	1.6E-07	9.2E-08	8.4E-08	3.8E-08	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.0E-09	9.2E-08
87	UCART1	593047.6	4122879.92	593047.59, 4122879.92	0.22326	0.15657	0.30271	0.00042	3.09E-05	1.21E-04	2.35E-05	1.60E-07	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
88	UCART1	593087.6	4122879.92	593087.59, 4122879.92	0.23693	0.16456	0.32711	0.00045	3.28E-05	1.27E-04	2.54E-05	1.71E-07	1.85E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	5.2E-08	2.7E-08	2.4E-08	7.3E-09	1.1E-07
89	UCART1	593127.6	4122879.92	593127.59, 4122879.92	0.25455	0.17326	0.35434	0.00047	3.52E-05	1.34E-04	2.76E-05	1.79E-07	1.97E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
90	UCART1	593167.6	4122879.92	593167.59, 4122879.92	0.28233	0.19852	0.3898	0.0005	3.90E-05	1.53E-04	3.03E-05	1.90E-07	2.23E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
91	UCART1	593207.6	4122879.92	593207.59, 4122879.92	0.29948	0.20837	0.42383	0.00052	4.14E-05	1.61E-04	3.30E-05	1.98E-07	2.35E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	6.6E-08	3.4E-08	3.1E-08	9.3E-09	1.4E-07
92	UCART1	593247.6	4122879.92	593247.59, 4122879.92	0.31728	0.21858	0.46401	0.00055	4.39E-05	1.69E-04	3.61E-05	2.09E-07	2.49E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	7.0E-08	3.6E-08	3.2E-08	9.8E-09	1.5E-07
93	UCART1	593287.6	4122879.92	593287.59, 4122879.92	0.3352	0.2284	0.50433	0.00058	4.64E-05	1.76E-04	3.92E-05	2.21E-07	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	7.3E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
94	UCART1	593327.6	4122879.92	593327.59, 4122879.92	0.35539	0.23807	0.54725	0.00062	4.92E-05	1.84E-04	4.26E-05	2.36E-07	2.76E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	7.7E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
95	UCART1	593367.6	4122879.92	593367.59, 4122879.92	0.38024	0.24815	0.59321	0.00067	5.26E-05	1.92E-04	4.61E-05	2.55E-07	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	8.1E-08	4.2E-08	3.8E-08	1.1E-08	1.8E-07
96	UCART1	593407.6	4122879.92	593407.59, 4122879.92	0.41255	0.26034	0.64347	0.00072	5.71E-05	2.01E-04	5.01E-05	2.74E-07	3.08E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	8.6E-08	4.4E-08	4.0E-08	1.2E-08	1.9E-07
97	UCART1	593447.6	4122879.92	593447.59, 4122879.92	0.45153	0.27554	0.69305	0.00079	6.24E-05	2.13E-04	5.39E-05	3.01E-07	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
98	UCART1	593487.6	4122879.92	593487.59, 4122879.92	0.49765	0.29496	0.74256	0.00088	6.88E-05	2.28E-04	5.78E-05	3.35E-07	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.1E-09	9.9E-08	5.1E-08	4.6E-08	1.4E-08	2.1E-07
99	UCART1	593527.6	4122879.92	593527.59, 4122879.92	0.55052	0.31794	0.791	0.001	7.61E-05	2.45E-04	6.15E-05	3.81E-07	3.84E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
100	UCART1	593567.6	4122879.92	593567.59, 4122879.92	0.61173	0.34375	0.83153	0.00117	8.46E-05	2.65E-04	6.47E-05	4.45E-07	4.15E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.4E-08	1.6E-08	2.5E-07
101	UCART1	593607.6	4122879.92	593607.59, 4122879.92	0.67719	0.37017	0.86418	0.00131	9.37E-05	2.86E-04	6.72E-05	4.98E-07	4.47E-04	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	1.2E-07	6.4E-08	5.8E-08	1.8E-08	2.7E-07
102	UCART1	593647.6	4122879.92	593647.59, 4122879.92	0.74725	0.39976	0.89048	0.00146	1.03E-04	3.09E-04	6.93E-05	5.56E-07	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.6E-09	1.3E-07	6.9E-08	6.3E-08	1.9E-08	2.9E-07
103	UCART1	593687.6	4122879.92	593687.59, 4122879.92	0.81424	0.43176	0.90859	0.00154	1.13E-04	3.33E-04	7.07E-05	5.86E-07	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
104	UCART1	593727.6	4122879.92	593727.59, 4122879.92	0.8732	0.46799	0.91859	0.00168	1.21E-04	3.61E-04	7.15E-05	6.39E-07	5.54E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	8.0E-08	7.2E-08	2.2E-08	3.3E-07
105	UCART1	593767.6	4122879.92	593767.59, 4122879.92	0.91973	0.50815	0.9215	0.00186	1.27E-04	3.92E-04	7.17E-05	7.08E-07	5.92E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.7E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
106	UCART1	593807.6	4122879.92	593807.59, 4122879.92	0.95073	0.54995	0.91655	0.00219	1.31E-04	4.25E-04	7.13E-05	8.33E-07	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	7.3E-09	1.8E-07	9.0E-08	8.2E-08	2.5E-08	3.8E-07
107	UCART1	593847.6	4122879.92	593847.59, 4122879.92	0.96571	0.59017	0.90501	0.00269	1.34E-04	4.56E-04	7.04E-05	1.02E-06	6.61E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.6E-09	1.8E-07	9.5E-08	8.6E-08	2.6E-08	4.0E-07
108	UCART1	593887.6	4122879.92	593887.59, 4122879.92	0.96521	0.6258	0.8866	0.00328	1.33E-04	4.83E-04	6.90E-05	1.25E-06	6.87E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.9E-08	9.0E-08	2.7E-08	4.2E-07
109	UCART1	593927.6	4122879.92	593927.59, 4122879.92	0.95106	0.6547	0.8621	0.0041	1.32E-04	5.05E-04	6.71E-05	1.56E-06	7.06E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.2E-09	2.0E-07	1.0E-07	9.2E-08	2.8E-08	4.3E-07
110	UCART1	593967.6	4122879.92	593967.59, 4122879.92	0.9255	0.67571	0.83193	0.00486	1.28E-04	5.22E-04	6.47E-05	1.85E-06	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.3E-08	2.8E-08	4.3E-07
111	UCART1	594007.6	4122879.92	594007.59, 4122879.92	0.89095	0.68847	0.79658	0.00565	1.23E-04	5.32E-04	6.20E-05	2.15E-06	7.19E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.4E-08	2.8E-08	4.3E-07
112	UCART1	592567.6	4122919.92	592567.59, 4122919.92	0.09189	0.07432	0.12683	0.00022	1.27E-05	5.74E-05	9.87E-06	8.37E-08	8.00E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	9.3E-10	2.2E-08	1.2E-08	1.0E-08	3.2E-09	4.8E-08
113	UCART1	592607.6	4122919.92	592607.59, 4122919.92	0.09697	0.07781	0.13691	0.00023	1.34E-05	6.01E-05	1.07E-05	8.75E-08	8.42E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	9.7E-10	2.4E-08	1.2E-08	1.1E-08	3.3E-09	5.1E-08
114	UCART1	592647.6	4122919.92	592647.59, 4122919.92	0.10288	0.08186	0.14943	0.00025	1.42E-05	6.32E-05	1.16E-05	9.51E-08	8.92E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.4E-08
115	UCART1	592687.6	4122919.92	592687.59, 4122919.92	0.10953	0.08641	0.16247	0.00027	1.51E-05	6.67E-05	1.26E-05	1.03E-07	9.46E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.1E-09	2.6E-08	1.4E-08	1.2E-08	3.7E-09	5.7E-08
116	UCART1	592727.6	4122919.92	592727.59, 4122919.92	0.11753	0.09196	0.17695	0.00028	1.63E-05	7.10E-05	1.38E-05	1.07E-07	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.2E-09	2.8E-08	1.5E-08	1.3E-08	4.0E-09	6.1E-08
117	UCART1	592767.6	4122919.92	592767.59, 4122919.92	0.12571	0.09753	0.19117	0.0003	1.74E-05	7.53E-05	1.49E-05	1.14E-07	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.3E-09	6.5E-08
118	UCART1	592807.6	4122919.92	592807.59, 4122919.92	0.13442	0.10338	0.2042	0.00032	1.86E-05	7.98E-05	1.59E-05	1.22E-07	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.9E-08
119	UCART1	592847.6	4122919.92	592847.59, 4122919.92	0.14613	0.11129	0.23045	0.00034	2.02E-05	8.59E-05	1.79E-05	1.29E-07	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
120	UCART1	592887.6	4122919.92	592887.59, 4122919.92	0.1575	0.1186	0.24862	0.00036	2.18E-05	9.16E-05	1.93E-05	1.37E-07	1.33E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
121	UCART1	592927.6	4122919.92	592927.59, 4122919.92	0.17954	0.1302	0.27463	0.00039	2.48E-05	1.01E-04	2.14E-05	1.48E-07	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.9E-08
122	UCART1	592967.6	4122919.92	592967.59, 4122919.92	0.21057	0.14069	0.29985	0.00041	2.91E-05	1.09E-04	2.33E-05	1.56E-07	1.61E-04	5.6E-08	1.7E-07	9.8E-08	8.8E-08	4.0E-08	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.4E-09	9.7E-08
123	UCART1	593007.6	4122919.92	593007.59, 4122919.92	0.22731	0.14898	0.32594	0.00044	3.14E-05	1.15E-04	2.54E-05	1.67E-07	1.72E-04	6.0E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	4.8E-08	2.5E-08	2.2E-08	6.8E-09	1.0E-07
124	UCART1	593047.6	4122919.92	593047.59, 4122919.92	0.24335	0.15694	0.35485	0.00046	3.37E-05	1.21E-04	2.76E-05	1.75E-07	1.83E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.2E-09	1.1E-07
125	UCART1	593087.6	4122919.92	593087.59, 4122919.92	0.27059	0.182	0.3886	0.00049	3.74E-05	1.41E-04	3.02E-05	1.86E-07	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.3E-07
126	UCART1	593127.6	4122919.92	593127.59, 4122919.92	0.29592	0.19348	0.42545	0.00052	4.09E-05	1.49E-04	3.31E-05	1.98E-07	2.24E-04	7.7E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.4E-07
127	UCART1	593167.6	4122919.92	593167.59, 4122919.92	0.32568	0.22176	0.47326	0.00055	4.50E-05	1.71E-04	3.68E-05	2.09E-07	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	7.1E-08	3.6E-08	3.3E-08	1.0E-08	1.5E-07
128	UCART1	593207.6	4122919.92	593207.59, 4122919.92	0.34762	0.23359	0.5153	0.00058	4.81E-05	1.80E-04	4.01E-05	2.21E-07	2.69E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	7.5E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
129	UCART1	593247.6	4122919.92	593247.59, 4122919.92	0.37137	0.2464	0.56665	0.00062	5.14E-05	1.90E-04	4.41E-05	2.36E-07	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	8.0E-08	4.1E-08	3.7E-08	1.1E-08	1.7E-07
130	UCART1	593287.6	4122919.92	593287.59, 4122919.92	0.39444	0.25834	0.61789	0.00066	5.46E-05	1.99E-04	4.81E-05	2.51E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
131	UCART1	593327.6	4122919.92	593327.59, 4122919.92	0.42225	0.27084	0.67773	0.0007	5.84E-05	2.09E-04	5.27E-05	2.66E-07	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	8.9E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
132	UCART1	593367.6	4122919.92	593367.59, 4122919.92	0.45544	0.28325	0.73847	0.00075	6.30E-05	2.19E-04	5.74E-05	2.85E-07	3.39E-04	1.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	9.5E-08	4.9E-08	4.4E-08	1.3E-08	2.1E-07
133	UCART1	593407.6	4122919.92	593407.59, 4122919.92	0.49939	0.2985	0.80422	0.00081	6.91E-05	2.30E-04	6.26E-05	3.08E-07	3.62E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
134	UCART1	593447.6	4122919.92	593447.59, 4122919.92	0.55394	0.31813	0.86935	0.0009	7.66E-05	2.46E-04	6.76E-05	3.42E-07	3.90E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
135	UCART1	593487.6	4122919.92	593487.59, 4122919.92	0.61944	0.34316	0.93035	0.00101	8.57E-05	2.65E-04	7.24E-05	3.84E-07	4.23E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
136	UCART1	593527.6	4122919.92	593527.59, 4122919.92	0.69504	0.37245	0.9818	0.00115	9.61E-05	2.88E-04	7.64E-05	4.38E-07	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	1.3E-07	6.6E-08	6.0E-08	1.8E-08	2.8E-07
137	UCART1	593567.6	4122919.92	593567.59, 4122919.92	0.78084	0.40513	1.02392	0.00136	1.08E-04	3.13E-04	7.97E-05	5.18E-07	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
138	UCART1	593607.6	4122919.92	593607.59, 4122919.92	0.87054	0.43951	1.05433	0.00153	1.20E-04	3.39E-04	8.20E-05	5.82E-07	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	1.5E-07	7.8E-08	7.1E-08	2.1E-08	3.3E-07
139	UCART1	593647.6	4122919.92	593647.59, 4122919.92	0.95907	0.4782	1.07483	0.00171	1.33E-04	3.69E-04	8.36E-05	6.51E-07	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
140	UCART1	593687.6	4122919.92	593687.59, 4122919.92	1.03683	0.5217	1.08543	0.00183	1.43E-04	4.03E-04	8.44E-05	6.96E-07	6.31E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	1.8E-07	9.1E-08	8.2E-08	2.5E-08	3.8E-07
141	UCART1	593727.6	4122919.92	593727.59, 4122919.92	1.09656	0.57049	1.08613	0.00203	1.52E-04	4.40E-04	8.45E-05	7.72E-07	6.77E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.7E-08	8.8E-08	2.7E-08	4.1E-07
142	UCART1	593767.6	4122919.92	593767.59, 4122919.92	1.13439	0.6223	1.07777	0.00231	1.57E-04	4.80E-04	8.38E-05	8.79E-07	7.22E-04	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.4E-08	2.9E-08	4.4E-07
143	UCART1	593807.6	4122919.92	593807.59, 4122919.92	1.14933	0.67288	1.06041	0.0028	1.59E-04	5.20E-04	8.25E-05	1.07E-06	7.62E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	2.1E-07	1.1E-07	9.9E-08	3.0E-08	4.6E-07
144	UCART1	593847.6	4122919.92	593847.59, 4122919.92	1.14292	0.71787	1.03459	0.00353	1.58E-04	5.54E-04	8.05E-05	1.34E-06	7.94E-04	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
145	UCART1	593887.6	4122919.92	593887.59, 4122919.92	1.11825	0.75408	1.00103	0.0044	1.55E-04	5.82E-04	7.79E-05	1.67E-06	8.16E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	9.4E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
146	UCART1	593927.6	4122919.92	593927.59, 4122919.92	1.07905	0.77978	0.96053	0.00544	1.49E-04	6.02E-04	7.47E-05	2.07E-06	8.28E-04	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
147	UCART1	593967.6	4122919.92	593967.59, 4122919.92	1.02908	0.79444	0.91426	0.00652	1.42E-04	6.13E-04	7.11E-05	2.48E-06	8.29E-04	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
148	UCART1	594007.6	4122919.92	594007.59, 4122919.92	0.97182	0.79837	0.86336	0.00753	1.34E-04	6.16E-04	6.72E-05	2.87E-06	8.21E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	5.0E-07
149	UCART1	592567.6	4122959.92	592567.59, 4122959.92	0.10025	0.08042	0.14703	0.00022	1.39E-05	6.21E-05	1.14E-05	8.37E-08	8.75E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.0E-09	2.4E-08	1.3E-08	1.1E-08	3.5E-09	5.3E-08
150	UCART1	592607.6	4122959.92	592607.59, 4122959.92	0.10522	0.08368	0.15531	0.00024	1.46E-05	6.46E-05	1.21E-05	9.13E-08	9.13E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.6E-09	5.5E-08
151	UCART1	592647.6	4122959.92	592647.59, 4122959.92	0.11174	0.08805	0.16941	0.00025	1.55E-05	6.80E-05	1.32E-05	9.51E-08	9.67E-05	3.3E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.8E-09	5.8E-08
152	UCART1	592687.6	4122959.92	592687.59, 4122959.92	0.11914	0.09298	0.18344	0.00027	1.65E-05	7.18E-05	1.43E-05	1.03E-07	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.1E-09	6.2E-08
153	UCART1	592727.6	4122959.92	592727.59, 4122959.92	0.12807	0.09898	0.20181	0.00029	1.77E-05	7.64E-05	1.57E-05	1.10E-07	1.10E-04	3.8E-08	1.1E-07	6.7E-08	6.0E-08	2.8E-08	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
154	UCART1	592767.6	4122959.92	592767.59, 4122959.92	0.13734	0.10506	0.21806	0.00031	1.90E-05	8.11E-05	1.70E-05	1.18E-07	1.17E-04	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
155	UCART1	592807.6	4122959.92	592807.59, 4122959.92	0.14727	0.11146	0.23528	0.00034	2.04E-05	8.61E-05	1.83E-05	1.29E-07	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.8E-08	3.1E-08	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
156	UCART1	592847.6	4122959.92	592847.59, 4122959.92	0.16099	0.12052	0.26527	0.00036	2.23E-05	9.31E-05	2.06E-05	1.37E-07	1.36E-04	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.6E-09	3.8E-08	2.0E-08	1.8E-08	5.4E-09	8.2E-08
157	UCART1	592887.6	4122959.92	592887.59, 4122959.92	0.17421	0.12882	0.28836	0.00039	2.41E-05	9.95E-05	2.24E-05	1.48E-07	1.46E-04	5.1E-08	1.5E-07	8.8E-08	8.0E-08	3.7E-08	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.8E-08

OPERATIONAL RISK (UNMITIGATED)

158	UCART1	592927.6	4122959.92	592927.59, 4122959.92	0.19437	0.13996	0.31714	0.00041	2.69E-05	1.08E-04	2.47E-05	1.56E-07	1.60E-04	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.8E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.7E-08
159	UCART1	592967.6	4122959.92	592967.59, 4122959.92	0.22388	0.15212	0.3504	0.00045	3.10E-05	1.17E-04	2.73E-05	1.71E-07	1.76E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
160	UCART1	593007.6	4122959.92	593007.59, 4122959.92	0.2606	0.17819	0.38778	0.00047	3.60E-05	1.38E-04	3.02E-05	1.79E-07	2.04E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.4E-09	5.7E-08	2.9E-08	2.7E-08	8.1E-09	1.2E-07
161	UCART1	593047.6	4122959.92	593047.59, 4122959.92	0.28858	0.19095	0.42853	0.00051	3.99E-05	1.47E-04	3.33E-05	1.94E-07	2.21E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
162	UCART1	593087.6	4122959.92	593087.59, 4122959.92	0.309	0.20227	0.47108	0.00054	4.27E-05	1.56E-04	3.66E-05	2.05E-07	2.36E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	6.6E-08	3.4E-08	3.1E-08	9.3E-09	1.4E-07
163	UCART1	593127.6	4122959.92	593127.59, 4122959.92	0.34826	0.2341	0.52425	0.00058	4.82E-05	1.81E-04	4.08E-05	2.21E-07	2.70E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.5E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
164	UCART1	593167.6	4122959.92	593167.59, 4122959.92	0.38017	0.2495	0.58352	0.00062	5.26E-05	1.93E-04	4.54E-05	2.36E-07	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	8.1E-08	4.2E-08	3.8E-08	1.1E-08	1.8E-07
165	UCART1	593207.6	4122959.92	593207.59, 4122959.92	0.41024	0.26451	0.64045	0.00065	5.67E-05	2.04E-04	4.98E-05	2.47E-07	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
166	UCART1	593247.6	4122959.92	593247.59, 4122959.92	0.44256	0.28066	0.70776	0.0007	6.12E-05	2.17E-04	5.51E-05	2.66E-07	3.33E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.9E-09	9.3E-08	4.8E-08	4.3E-08	1.3E-08	2.0E-07
167	UCART1	593287.6	4122959.92	593287.59, 4122959.92	0.4739	0.29575	0.77702	0.00074	6.55E-05	2.28E-04	6.04E-05	2.82E-07	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.1E-09	9.9E-08	5.1E-08	4.6E-08	1.4E-08	2.1E-07
168	UCART1	593327.6	4122959.92	593327.59, 4122959.92	0.51259	0.31181	0.85945	0.0008	7.09E-05	2.41E-04	6.69E-05	3.04E-07	3.79E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
169	UCART1	593367.6	4122959.92	593367.59, 4122959.92	0.55776	0.32705	0.94166	0.00086	7.71E-05	2.53E-04	7.33E-05	3.27E-07	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.8E-08	5.3E-08	1.6E-08	2.4E-07
170	UCART1	593407.6	4122959.92	593407.59, 4122959.92	0.62067	0.3468	1.02978	0.00093	8.58E-05	2.68E-04	8.01E-05	3.54E-07	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.7E-08	1.7E-08	2.6E-07
171	UCART1	593447.6	4122959.92	593447.59, 4122959.92	0.69869	0.37192	1.10946	0.00102	9.66E-05	2.87E-04	8.63E-05	3.88E-07	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	1.3E-07	6.8E-08	6.1E-08	1.9E-08	2.8E-07
172	UCART1	593487.6	4122959.92	593487.59, 4122959.92	0.79626	0.40489	1.17995	0.00116	1.10E-04	3.13E-04	9.18E-05	4.41E-07	5.15E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
173	UCART1	593527.6	4122959.92	593527.59, 4122959.92	0.90594	0.44232	1.23304	0.00133	1.25E-04	3.42E-04	9.59E-05	5.06E-07	5.63E-04	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	1.6E-07	8.1E-08	7.3E-08	2.2E-08	3.4E-07
174	UCART1	593567.6	4122959.92	593567.59, 4122959.92	1.02933	0.48596	1.27259	0.00159	1.42E-04	3.75E-04	9.90E-05	6.05E-07	6.17E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.9E-08	8.0E-08	2.4E-08	3.7E-07
175	UCART1	593607.6	4122959.92	593607.59, 4122959.92	1.14784	0.53152	1.29397	0.0018	1.59E-04	4.10E-04	1.01E-04	6.85E-07	6.70E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.1E-07
176	UCART1	593647.6	4122959.92	593647.59, 4122959.92	1.25263	0.5843	1.30213	0.00202	1.73E-04	4.51E-04	1.01E-04	7.69E-07	7.26E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.5E-08	2.9E-08	4.4E-07
177	UCART1	593687.6	4122959.92	593687.59, 4122959.92	1.33175	0.64498	1.29908	0.00219	1.84E-04	4.98E-04	1.01E-04	8.33E-07	7.84E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
178	UCART1	593727.6	4122959.92	593727.59, 4122959.92	1.37802	0.71004	1.28506	0.00248	1.91E-04	5.48E-04	1.00E-04	9.44E-07	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
179	UCART1	593767.6	4122959.92	593767.59, 4122959.92	1.39083	0.77466	1.26039	0.00295	1.92E-04	5.98E-04	9.81E-05	1.12E-06	8.90E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.5E-08	5.4E-07
180	UCART1	593807.6	4122959.92	593807.59, 4122959.92	1.37353	0.83257	1.22488	0.00374	1.90E-04	6.43E-04	9.53E-05	1.42E-06	9.29E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.6E-07
181	UCART1	593847.6	4122959.92	593847.59, 4122959.92	1.33164	0.87885	1.17954	0.0048	1.84E-04	6.79E-04	9.18E-05	1.83E-06	9.56E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.2E-07	3.8E-08	5.8E-07
182	UCART1	593887.6	4122959.92	593887.59, 4122959.92	1.27132	0.91077	1.12476	0.00611	1.76E-04	7.03E-04	8.75E-05	2.32E-06	9.69E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
183	UCART1	593927.6	4122959.92	593927.59, 4122959.92	1.1985	0.92756	1.06244	0.00734	1.66E-04	7.16E-04	8.27E-05	2.79E-06	9.67E-04	3.3E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.8E-07
184	UCART1	593967.6	4122959.92	593967.59, 4122959.92	1.1183	0.92971	0.99519	0.00878	1.55E-04	7.18E-04	7.74E-05	3.34E-06	9.53E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.2E-07	3.8E-08	5.8E-07
185	UCART1	594007.6	4122959.92	594007.59, 4122959.92	1.03495	0.91866	0.92465	0.01004	1.43E-04	7.09E-04	7.19E-05	3.82E-06	9.28E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.6E-07
186	UCART1	592567.6	4122999.92	592567.59, 4122999.92	0.11231	0.08965	0.17903	0.00023	1.55E-05	6.92E-05	1.39E-05	8.75E-08	9.88E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.1E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
187	UCART1	592607.6	4122999.92	592607.59, 4122999.92	0.11442	0.09017	0.17625	0.00024	1.58E-05	6.96E-05	1.37E-05	9.13E-08	9.92E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.1E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
188	UCART1	592647.6	4122999.92	592647.59, 4122999.92	0.12133	0.09466	0.19058	0.00026	1.68E-05	7.31E-05	1.48E-05	9.89E-08	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.1E-09	6.3E-08
189	UCART1	592687.6	4122999.92	592687.59, 4122999.92	0.12966	0.10009	0.20806	0.00028	1.79E-05	7.73E-05	1.62E-05	1.07E-07	1.12E-04	3.9E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.3E-09	3.1E-08	1.6E-08	1.5E-08	4.4E-09	6.7E-08
190	UCART1	592727.6	4122999.92	592727.59, 4122999.92	0.13975	0.10668	0.22958	0.0003	1.93E-05	8.24E-05	1.79E-05	1.14E-07	1.20E-04	4.1E-08	1.3E-07	7.2E-08	6.6E-08	3.0E-08	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
191	UCART1	592767.6	4122999.92	592767.59, 4122999.92	0.15075	0.11372	0.25387	0.00033	2.08E-05	8.78E-05	1.97E-05	1.26E-07	1.29E-04	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.5E-09	3.6E-08	1.8E-08	1.7E-08	5.1E-09	7.8E-08
192	UCART1	592807.6	4122999.92	592807.59, 4122999.92	0.16277	0.12124	0.28034	0.00035	2.25E-05	9.36E-05	2.18E-05	1.33E-07	1.38E-04	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.3E-08
193	UCART1	592847.6	4122999.92	592847.59, 4122999.92	0.1778	0.13072	0.30841	0.00038	2.46E-05	1.01E-04	2.40E-05	1.45E-07	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	1.7E-09	4.2E-08	2.2E-08	2.0E-08	5.9E-09	9.0E-08
194	UCART1	592887.6	4122999.92	592887.59, 4122999.92	0.19466	0.1411	0.33876	0.00041	2.69E-05	1.09E-04	2.64E-05	1.56E-07	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.4E-09	9.8E-08
195	UCART1	592927.6	4122999.92	592927.59, 4122999.92	0.22022	0.1533	0.37613	0.00045	3.05E-05	1.18E-04	2.93E-05	1.71E-07	1.78E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.1E-09	5.0E-08	2.6E-08	2.3E-08	7.0E-09	1.1E-07
196	UCART1	592967.6	4122999.92	592967.59, 4122999.92	0.2531	0.1666	0.41974	0.00048	3.50E-05	1.29E-04	3.27E-05	1.83E-07	1.96E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
197	UCART1	593007.6	4122999.92	593007.59, 4122999.92	0.29293	0.1959	0.47031	0.00052	4.05E-05	1.51E-04	3.66E-05	1.98E-07	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.6E-09	6.4E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
198	UCART1	593047.6	4122999.92	593047.59, 4122999.92	0.32787	0.2115	0.5264	0.00056	4.53E-05	1.63E-04	4.10E-05	2.13E-07	2.50E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	7.0E-08	3.6E-08	3.3E-08	9.9E-09	1.5E-07
199	UCART1	593087.6	4122999.92	593087.59, 4122999.92	0.3531	0.22573	0.58434	0.00059	4.88E-05	1.74E-04	4.55E-05	2.25E-07	2.69E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	7.5E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
200	UCART1	593127.6	4122999.92	593127.59, 4122999.92	0.4079	0.26361	0.65832	0.00064	5.64E-05	2.04E-04	5.12E-05	2.44E-07	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
201	UCART1	593167.6	4122999.92	593167.59, 4122999.92	0.45008	0.28305	0.73388	0.00069	6.22E-05	2.19E-04	5.71E-05	2.63E-07	3.38E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	3.9E-09	9.4E-08	4.9E-08	4.4E-08	1.3E-08	2.0E-07
202	UCART1	593207.6	4122999.92	593207.59, 4122999.92	0.49226	0.30228	0.81134	0.00074	6.81E-05	2.33E-04	6.31E-05	2.82E-07	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.8E-08	1.4E-08	2.2E-07
203	UCART1	593247.6	4122999.92	593247.59, 4122999.92	0.53772	0.323	0.90373	0.00079	7.44E-05	2.49E-04	7.03E-05	3.01E-07	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.6E-09	1.1E-07	5.7E-08	5.1E-08	1.6E-08	2.4E-07
204	UCART1	593287.6	4122999.92	593287.59, 4122999.92	0.58197	0.34247	1.00367	0.00085	8.05E-05	2.64E-04	7.81E-05	3.23E-07	4.23E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
205	UCART1	593327.6	4122999.92	593327.59, 4122999.92	0.63736	0.36328	1.12292	0.00092	8.81E-05	2.80E-04	8.74E-05	3.50E-07	4.56E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.6E-08	5.9E-08	1.8E-08	2.8E-07
206	UCART1	593367.6	4122999.92	593367.59, 4122999.92	0.70396	0.38325	1.23853	0.00098	9.74E-05	2.96E-04	9.64E-05	3.73E-07	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
207	UCART1	593407.6	4122999.92	593407.59, 4122999.92	0.79952	0.40952	1.35421	0.00108	1.11E-04	3.16E-04	1.05E-04	4.11E-07	5.33E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.2E-09	1.5E-07	7.7E-08	6.9E-08	2.1E-08	3.2E-07
208	UCART1	593447.6	4122999.92	593447.59, 4122999.92	0.91822	0.44249	1.4478	0.00118	1.27E-04	3.42E-04	1.13E-04	4.49E-07	5.82E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
209	UCART1	593487.6	4122999.92	593487.59, 4122999.92	1.06917	0.48685	1.52148	0.00135	1.48E-04	3.76E-04	1.18E-04	5.14E-07	6.43E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.2E-08	8.4E-08	2.5E-08	3.9E-07
210	UCART1	593527.6	4122999.92	593527.59, 4122999.92	1.23417	0.53692	1.56852	0.00156	1.71E-04	4.15E-04	1.22E-04	5.94E-07	7.08E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.2E-09	2.0E-07	1.0E-07	9.2E-08	2.8E-08	4.3E-07
211	UCART1	593567.6	4122999.92	593567.59, 4122999.92	1.40381	0.59555	1.59567	0.00189	1.94E-04	4.60E-04	1.24E-04	7.19E-07	7.79E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	9.0E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
212	UCART1	593607.6	4122999.92	593607.59, 4122999.92	1.54981	0.65998	1.60017	0.00216	2.14E-04	5.10E-04	1.24E-04	8.22E-07	8.49E-04	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	9.8E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.1E-07
213	UCART1	593647.6	4122999.92	593647.59, 4122999.92	1.65552	0.73458	1.58841	0.00244	2.29E-04	5.67E-04	1.24E-04	9.28E-07	9.21E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.6E-07
214	UCART1	593687.6	4122999.92	593687.59, 4122999.92	1.7111	0.81749	1.56357	0.0027	2.37E-04	6.31E-04	1.22E-04	1.03E-06	9.90E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
215	UCART1	593727.6	4122999.92	593727.59, 4122999.92	1.71661	0.90161	1.52703	0.00313	2.37E-04	6.96E-04	1.19E-04	1.19E-06	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.2E-08	6.4E-07
216	UCART1	593767.6	4122999.92	593767.59, 4122999.92	1.67882	0.97771	1.47787	0.00389	2.32E-04	7.55E-04	1.15E-04	1.48E-06	1.10E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.4E-08	6.7E-07
217	UCART1	593807.6	4122999.92	593807.59, 4122999.92	1.60793	1.03814	1.41547	0.00509	2.22E-04	8.02E-04	1.10E-04	1.94E-06	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
218	UCART1	593847.6	4122999.92	593847.59, 4122999.92	1.51428	1.07844	1.34054	0.00673	2.09E-04	8.33E-04	1.04E-04	2.56E-06	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.5E-08	6.9E-07
219	UCART1	593887.6	4122999.92	593887.59, 4122999.92	1.40743	1.09759	1.25538	0.00839	1.95E-04	8.47E-04	9.77E-05	3.19E-06	1.14E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
220	UCART1	593927.6	4122999.92	593927.59, 4122999.92	1.29455	1.0964	1.16362	0.01032	1.79E-04	8.47E-04	9.05E-05	3.93E-06	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.5E-07	4.4E-08	6.8E-07
221	UCART1	593967.6	4122999.92	593967.59, 4122999.92	1.181	1.07705	1.06943	0.01199	1.63E-04	8.32E-04	8.32E-05	4.56E-06	1.08E-03	3.7E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.3E-08	3.0E-07	1.6E-07	1.4E-07	4.3E-08	6.5E-07
222	UCART1	594007.6	4122999.92	594007.59, 4122999.92	1.07112	1.0429	0.97531	0.01348	1.48E-04	8.05E-04	7.59E-05	5.13E-06	1.03E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.3E-07
223	UCART1	592567.6	4123039.92	592567.59, 4123039.92	0.12734	0.09807	0.1992	0.00023	1.76E-05	7.57E-05	1.55E-05	8.75E-08	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.3E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
224	UCART1	592607.6	4123039.92	592607.59, 4123039.92	0.12538	0.09808	0.20356	0.00024	1.73E-05	7.57E-05	1.58E-05	9.13E-08	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.3E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
225	UCART1	592647.6	4123039.92	592647.59, 4123039.92	0.13222	0.10216	0.21666	0.00026	1.83E-05	7.89E-05	1.69E-05	9.89E-08	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.9E-08
226	UCART1	592687.6	4123039.92	592687.59, 4123039.92	0.14163	0.10816	0.23821	0.00028	1.96E-05	8.35E-05	1.85E-05	1.07E-07	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
227	UCART1	592727.6	4123039.92	592727.59, 4123039.92	0.15295	0.11535	0.26442	0.00031	2.12E-05	8.91E-05	2.06E-05	1.18E-07	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	7.9E-08
228	UCART1	592767.6	4123039.92	592767.59, 4123039.92	0.16637	0.12382	0.29969	0.00033	2.30E-05	9.56E-05	2.33E-05	1.26E-07	1.42E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.6E-09	4.0E-08	2.0E-08	1.9E-08	5.6E-09	8.6E-08
229	UCART1	592807.6	4123039.92	592807.59, 4123039.92	0.1811	0.13282	0.3295	0.00036	2.50E-05	1.03E-04	2.56E-05	1.37E-07	1.53E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.3E-08
230	UCART1	592847.6	4123039.92	592847.59, 4123039.92	0.19793	0.1429	0.36294	0.0004	2.74E-05	1.10E-04	2.82E-05	1.52E-07	1.66E-04	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.9E-09	4.6E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
231	UCART1	592887.6	4123039.92	592887.59, 4123039.92	0.22009	0.15431	0.4039	0.00043	3.04E-05	1.19E-04	3.14E-05	1.64E-07	1.81E-04	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.2E-09	1.1E-07
232	UCART1	592927.6	4123039.92	592927.59, 4123039.92	0.25037	0.16822	0.4547	0.00047	3.46E-05	1.30E-04	3.54E-05	1.79E-07	2.00E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	5.6E-08	2.9E-08	2.6E-08	7.9E-09	1.2E-07
233	UCART1	592967.6	4123039.92	592967.59, 4123039.92	0.29133	0.1837	0.51563	0.00052	4.03E-05	1.42E-04	4.01E-05	1.98E-07	2.22E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
234	UCART1	593007.6	4123039.92	593007.59, 4123039.92	0.3351	0.21682	0.58759	0.00057	4.63E-05	1.67E-04	4.57E-05	2.17E-07	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	7.3E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
235	UCART1	593047.6	4123039.92	593047.59, 4123039.92	0.37666	0.25326	0.6674	0.00061	5.21E-05	1.96E-04	5.19E-05	2.32E-07	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
236	UCART1	593087.6	4123039.92	593087.59, 4123039.92	0.41714	0.25452	0.74592	0.00066	5.77E-05	1.97E-04	5.80E-05	2.51E-07	3.12E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
237	UCART1	593127.6	4123039.92	593127.59, 4123039.92	0.48234	0.29902	0.84518	0.00072	6.67E-05	2.31E-04	6.57E-05	2.74E-07	3.64E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
238	UCART1	593167.6	4123039.92	593167.59, 4123039.92	0.54186	0.32423	0.94614	0.00078	7.49E-05	2.50E-04	7.36E-05	2.97E-07	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	1.1E-07	5.7E-08	5.2E-08	1.6E-08	2.4E-07
239	UCART1	593207.6	4123039.92	593207.59, 4123039.92	0.60424	0.3498	1.05779	0.00084	8.36E-05	2.70E-04	8.23E-05	3.20E-07	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
240	UCART1	593247.6	4123039.92	593247.59, 4123039.92	0.66988	0.37645	1.193	0.00091	9.26E-05	2.91E-04	9.28E-05	3.46E-07	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
241	UCART1	593287.6	4123039.92	593287.59, 4123039.92	0.7349	0.40197	1.34826	0.00098	1.02E-04	3.10E-04	1.05E-04	3.73E-07	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
242	UCART1	593327.6	4123039.92	593327.59, 4123039.92	0.81837	0.42958	1.52663	0.00106	1.13E-04	3.32E-04	1.19E-04	4.03E-07	5.64E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	1.6E-07	8.1E-08	7.4E-08	2.2E-08	3.4E-07

OPERATIONAL RISK (UNMITIGATED)

243	UCART1	593367.6	4123039.92	593367.59, 4123039.92	0.92185	0.45613	1.68865	0.00114	1.27E-04	3.52E-04	1.31E-04	4.34E-07	6.11E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
244	UCART1	593407.6	4123039.92	593407.59, 4123039.92	1.07591	0.49172	1.82852	0.00125	1.49E-04	3.80E-04	1.42E-04	4.76E-07	6.71E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.1E-07
245	UCART1	593447.6	4123039.92	593447.59, 4123039.92	1.27088	0.5366	1.92648	0.00138	1.76E-04	4.14E-04	1.50E-04	5.25E-07	7.40E-04	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	2.1E-07	1.1E-07	9.6E-08	2.9E-08	4.5E-07
246	UCART1	593487.6	4123039.92	593487.59, 4123039.92	1.51179	0.59791	1.9905	0.00158	2.09E-04	4.62E-04	1.55E-04	6.01E-07	8.26E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
247	UCART1	593527.6	4123039.92	593527.59, 4123039.92	1.75617	0.66758	2.01638	0.00185	2.43E-04	5.15E-04	1.57E-04	7.04E-07	9.16E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
248	UCART1	593567.6	4123039.92	593567.59, 4123039.92	1.97123	0.74901	2.01794	0.00226	2.73E-04	5.78E-04	1.57E-04	8.60E-07	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.5E-07	1.3E-07	4.0E-08	6.1E-07
249	UCART1	593607.6	4123039.92	593607.59, 4123039.92	2.11788	0.84312	1.99246	0.00261	2.93E-04	6.51E-04	1.55E-04	9.93E-07	1.10E-03	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
250	UCART1	593647.6	4123039.92	593647.59, 4123039.92	2.18266	0.95047	1.95074	0.00293	3.02E-04	7.34E-04	1.52E-04	1.11E-06	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.7E-08	7.2E-07
251	UCART1	593687.6	4123039.92	593687.59, 4123039.92	2.16928	1.06246	1.89532	0.00338	3.00E-04	8.20E-04	1.47E-04	1.29E-06	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.5E-07	1.8E-07	1.7E-07	5.0E-08	7.7E-07
252	UCART1	593727.6	4123039.92	593727.59, 4123039.92	2.09292	1.16527	1.82576	0.00405	2.89E-04	9.00E-04	1.42E-04	1.54E-06	1.33E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.3E-08	8.1E-07
253	UCART1	593767.6	4123039.92	593767.59, 4123039.92	1.97244	1.24632	1.73941	0.00538	2.73E-04	9.62E-04	1.35E-04	2.05E-06	1.37E-03	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	3.8E-07	2.0E-07	1.8E-07	5.4E-08	8.3E-07
254	UCART1	593807.6	4123039.92	593807.59, 4123039.92	1.82553	1.29832	1.63454	0.00719	2.52E-04	1.00E-03	1.27E-04	2.74E-06	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
255	UCART1	593847.6	4123039.92	593847.59, 4123039.92	1.66632	1.31919	1.51442	0.00947	2.30E-04	1.02E-03	1.18E-04	3.60E-06	1.37E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	3.8E-07	2.0E-07	1.8E-07	5.4E-08	8.3E-07
256	UCART1	593887.6	4123039.92	593887.59, 4123039.92	1.50628	1.3115	1.38617	0.01206	2.08E-04	1.01E-03	1.08E-04	4.59E-06	1.33E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.3E-08	8.1E-07
257	UCART1	593927.6	4123039.92	593927.59, 4123039.92	1.35168	1.27893	1.25611	0.01443	1.87E-04	9.87E-04	9.77E-05	5.49E-06	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.6E-07	1.8E-07	1.7E-07	5.0E-08	7.7E-07
258	UCART1	593967.6	4123039.92	593967.59, 4123039.92	1.2063	1.2263	1.12911	0.01642	1.67E-04	9.47E-04	8.78E-05	6.25E-06	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.8E-08	7.3E-07
259	UCART1	594007.6	4123039.92	594007.59, 4123039.92	1.07342	1.1598	1.00885	0.01767	1.48E-04	8.95E-04	7.85E-05	6.72E-06	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.8E-07
260	UCART1	592567.6	4123079.92	592567.59, 4123079.92	0.14165	0.11071	0.22088	0.00023	1.96E-05	8.55E-05	1.72E-05	8.75E-08	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
261	UCART1	592607.6	4123079.92	592607.59, 4123079.92	0.14017	0.10884	0.24051	0.00025	1.94E-05	8.40E-05	1.87E-05	9.51E-08	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
262	UCART1	592647.6	4123079.92	592647.59, 4123079.92	0.14466	0.11086	0.25088	0.00027	2.00E-05	8.56E-05	1.95E-05	1.03E-07	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.6E-08
263	UCART1	592687.6	4123079.92	592687.59, 4123079.92	0.15546	0.11757	0.27764	0.00029	2.15E-05	9.08E-05	2.16E-05	1.10E-07	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.4E-08	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.3E-09	8.1E-08
264	UCART1	592727.6	4123079.92	592727.59, 4123079.92	0.16817	0.1254	0.31139	0.00031	2.33E-05	9.68E-05	2.42E-05	1.18E-07	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
265	UCART1	592767.6	4123079.92	592767.59, 4123079.92	0.18344	0.13474	0.35079	0.00034	2.54E-05	1.04E-04	2.73E-05	1.29E-07	1.57E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	4.4E-08	2.3E-08	2.0E-08	6.2E-09	9.5E-08
266	UCART1	592807.6	4123079.92	592807.59, 4123079.92	0.20089	0.14512	0.38981	0.00037	2.78E-05	1.12E-04	3.03E-05	1.41E-07	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.0E-09	4.8E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
267	UCART1	592847.6	4123079.92	592847.59, 4123079.92	0.22309	0.1567	0.43549	0.00041	3.09E-05	1.21E-04	3.39E-05	1.56E-07	1.86E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.1E-09	5.2E-08	2.7E-08	2.4E-08	7.3E-09	1.1E-07
268	UCART1	592887.6	4123079.92	592887.59, 4123079.92	0.25145	0.17034	0.49344	0.00045	3.48E-05	1.32E-04	3.84E-05	1.71E-07	2.05E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.4E-09	5.7E-08	2.9E-08	2.7E-08	8.1E-09	1.2E-07
269	UCART1	592927.6	4123079.92	592927.59, 4123079.92	0.29538	0.18649	0.56698	0.0005	4.09E-05	1.44E-04	4.41E-05	1.90E-07	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.6E-09	6.4E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
270	UCART1	592967.6	4123079.92	592967.59, 4123079.92	0.33539	0.21908	0.65582	0.00055	4.64E-05	1.69E-04	5.10E-05	2.09E-07	2.67E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	7.4E-08	3.8E-08	3.5E-08	1.1E-08	1.6E-07
271	UCART1	593007.6	4123079.92	593007.59, 4123079.92	0.38457	0.25785	0.76038	0.00061	5.32E-05	1.99E-04	5.92E-05	2.32E-07	3.12E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
272	UCART1	593047.6	4123079.92	593047.59, 4123079.92	0.44048	0.2829	0.87174	0.00067	6.09E-05	2.18E-04	6.78E-05	2.55E-07	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
273	UCART1	593087.6	4123079.92	593087.59, 4123079.92	0.50353	0.31071	0.98732	0.00073	6.96E-05	2.40E-04	7.68E-05	2.78E-07	3.87E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	1.1E-07	5.6E-08	5.0E-08	1.5E-08	2.3E-07
274	UCART1	593127.6	4123079.92	593127.59, 4123079.92	0.57728	0.34145	1.11193	0.0008	7.98E-05	2.64E-04	8.65E-05	3.04E-07	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
275	UCART1	593167.6	4123079.92	593167.59, 4123079.92	0.66181	0.37411	1.25105	0.00088	9.15E-05	2.89E-04	9.73E-05	3.35E-07	4.78E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.9E-08	6.2E-08	1.9E-08	2.9E-07
276	UCART1	593207.6	4123079.92	593207.59, 4123079.92	0.75637	0.40847	1.42578	0.00096	1.05E-04	3.15E-04	1.11E-04	3.65E-07	5.31E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
277	UCART1	593247.6	4123079.92	593247.59, 4123079.92	0.86002	0.44489	1.65786	0.00104	1.19E-04	3.43E-04	1.29E-04	3.96E-07	5.92E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.7E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
278	UCART1	593287.6	4123079.92	593287.59, 4123079.92	0.96312	0.47967	1.92115	0.00113	1.33E-04	3.70E-04	1.49E-04	4.30E-07	6.53E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	1.8E-07	9.4E-08	8.5E-08	2.6E-08	3.9E-07
279	UCART1	593327.6	4123079.92	593327.59, 4123079.92	1.0978	0.51728	2.18732	0.00124	1.52E-04	3.99E-04	1.70E-04	4.72E-07	7.22E-04	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.4E-08	2.8E-08	4.4E-07
280	UCART1	593367.6	4123079.92	593367.59, 4123079.92	1.27275	0.5535	2.39361	0.00134	1.76E-04	4.27E-04	1.86E-04	5.10E-07	7.90E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
281	UCART1	593407.6	4123079.92	593407.59, 4123079.92	1.54316	0.60275	2.53802	0.00147	2.13E-04	4.65E-04	1.97E-04	5.59E-07	8.77E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	1.3E-07	1.1E-07	3.5E-08	5.3E-07
282	UCART1	593447.6	4123079.92	593447.59, 4123079.92	1.88474	0.66609	2.61243	0.00163	2.61E-04	5.14E-04	2.03E-04	6.20E-07	9.79E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.9E-08	5.9E-07
283	UCART1	593487.6	4123079.92	593487.59, 4123079.92	2.27021	0.75334	2.64225	0.00187	3.14E-04	5.82E-04	2.06E-04	7.12E-07	1.10E-03	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.7E-07
284	UCART1	593527.6	4123079.92	593527.59, 4123079.92	2.60068	0.85465	2.62824	0.00221	3.60E-04	6.60E-04	2.04E-04	8.41E-07	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.8E-08	7.4E-07
285	UCART1	593567.6	4123079.92	593567.59, 4123079.92	2.81305	0.97521	2.58892	0.00274	3.89E-04	7.53E-04	2.01E-04	1.04E-06	1.34E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.6E-08	3.8E-07	1.9E-07	1.8E-07	5.3E-08	8.1E-07
286	UCART1	593607.6	4123079.92	593607.59, 4123079.92	2.8807	1.11669	2.521	0.00324	3.98E-04	8.62E-04	1.96E-04	1.23E-06	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.8E-07
287	UCART1	593647.6	4123079.92	593647.59, 4123079.92	2.82069	1.26936	2.43678	0.00366	3.90E-04	9.80E-04	1.90E-04	1.39E-06	1.56E-03	5.4E-07	1.6E-06	9.4E-07	8.6E-07	3.9E-07	1.8E-08	4.4E-07	2.2E-07	2.0E-07	6.2E-08	9.4E-07
288	UCART1	593687.6	4123079.92	593687.59, 4123079.92	2.66858	1.41243	2.33656	0.00434	3.69E-04	1.09E-03	1.82E-04	1.65E-06	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.4E-07	2.1E-07	6.5E-08	9.9E-07
289	UCART1	593727.6	4123079.92	593727.59, 4123079.92	2.46112	1.52488	2.21336	0.00553	3.40E-04	1.18E-03	1.72E-04	2.10E-06	1.69E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.0E-08	4.7E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
290	UCART1	593767.6	4123079.92	593767.59, 4123079.92	2.22795	1.59393	2.06073	0.00767	3.08E-04	1.23E-03	1.60E-04	2.92E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.8E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
291	UCART1	593807.6	4123079.92	593807.59, 4123079.92	1.98985	1.61616	1.88281	0.01065	2.75E-04	1.25E-03	1.46E-04	4.05E-06	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
292	UCART1	593847.6	4123079.92	593847.59, 4123079.92	1.7606	1.59543	1.69263	0.01405	2.43E-04	1.23E-03	1.32E-04	5.35E-06	1.61E-03	5.6E-07	1.7E-06	9.8E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.4E-08	9.7E-07
293	UCART1	593887.6	4123079.92	593887.59, 4123079.92	1.54887	1.5401	1.5052	0.01739	2.14E-04	1.19E-03	1.17E-04	6.62E-06	1.53E-03	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.0E-08	9.2E-07
294	UCART1	593927.6	4123079.92	593927.59, 4123079.92	1.35777	1.45893	1.32833	0.0201	1.88E-04	1.13E-03	1.03E-04	7.65E-06	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.6E-08	4.0E-07	2.0E-07	1.9E-07	5.6E-08	8.6E-07
295	UCART1	593967.6	4123079.92	593967.59, 4123079.92	1.18771	1.36039	1.16527	0.02243	1.64E-04	1.05E-03	9.07E-05	8.54E-06	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	7.9E-07
296	UCART1	594007.6	4123079.92	594007.59, 4123079.92	1.03935	1.25344	1.01855	0.02415	1.44E-04	9.68E-04	7.92E-05	9.19E-06	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.7E-08	7.3E-07
297	UCART1	592567.6	4123119.92	592567.59, 4123119.92	0.15123	0.12246	0.24552	0.00023	2.09E-05	9.45E-05	1.91E-05	8.75E-08	1.35E-04	4.7E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.6E-09	3.8E-08	1.9E-08	1.8E-08	5.3E-09	8.1E-08
298	UCART1	592607.6	4123119.92	592607.59, 4123119.92	0.16223	0.13016	0.2733	0.00025	2.24E-05	1.00E-04	2.13E-05	9.51E-08	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
299	UCART1	592647.6	4123119.92	592647.59, 4123119.92	0.16129	0.12324	0.30125	0.00027	2.23E-05	9.52E-05	2.34E-05	1.03E-07	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.6E-09	8.5E-08
300	UCART1	592687.6	4123119.92	592687.59, 4123119.92	0.1709	0.12821	0.32863	0.00029	2.36E-05	9.90E-05	2.56E-05	1.10E-07	1.48E-04	5.1E-08	1.6E-07	9.0E-08	8.1E-08	3.7E-08	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.9E-09	9.0E-08
301	UCART1	592727.6	4123119.92	592727.59, 4123119.92	0.18534	0.13684	0.37268	0.00031	2.56E-05	1.06E-04	2.90E-05	1.18E-07	1.60E-04	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.7E-08
302	UCART1	592767.6	4123119.92	592767.59, 4123119.92	0.20284	0.14724	0.41959	0.00034	2.81E-05	1.14E-04	3.26E-05	1.29E-07	1.75E-04	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
303	UCART1	592807.6	4123119.92	592807.59, 4123119.92	0.22299	0.15882	0.47123	0.00038	3.08E-05	1.23E-04	3.67E-05	1.45E-07	1.90E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.2E-09	5.3E-08	2.7E-08	2.5E-08	7.5E-09	1.1E-07
304	UCART1	592847.6	4123119.92	592847.59, 4123119.92	0.24921	0.17211	0.53602	0.00041	3.45E-05	1.33E-04	4.17E-05	1.56E-07	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.3E-09	1.3E-07
305	UCART1	592887.6	4123119.92	592887.59, 4123119.92	0.28991	0.1883	0.62363	0.00046	4.01E-05	1.45E-04	4.85E-05	1.75E-07	2.34E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	6.5E-08	3.4E-08	3.1E-08	9.2E-09	1.4E-07
306	UCART1	592927.6	4123119.92	592927.59, 4123119.92	0.33764	0.22115	0.73745	0.00051	4.67E-05	1.71E-04	5.74E-05	1.94E-07	2.75E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	7.7E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
307	UCART1	592967.6	4123119.92	592967.59, 4123119.92	0.38427	0.24316	0.87231	0.00058	5.31E-05	1.88E-04	6.79E-05	2.21E-07	3.09E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	8.6E-08	4.4E-08	4.0E-08	1.2E-08	1.9E-07
308	UCART1	593007.6	4123119.92	593007.59, 4123119.92	0.44339	0.2865	1.01975	0.00064	6.13E-05	2.21E-04	7.93E-05	2.44E-07	3.62E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
309	UCART1	593047.6	4123119.92	593047.59, 4123119.92	0.51318	0.3174	1.17076	0.00072	7.10E-05	2.45E-04	9.11E-05	2.74E-07	4.07E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
310	UCART1	593087.6	4123119.92	593087.59, 4123119.92	0.59785	0.35312	1.33236	0.00081	8.27E-05	2.73E-04	1.04E-04	3.08E-07	4.59E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.6E-08	6.0E-08	1.8E-08	2.8E-07
311	UCART1	593127.6	4123119.92	593127.59, 4123119.92	0.70268	0.39358	1.51237	0.00091	9.72E-05	3.04E-04	1.18E-04	3.46E-07	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.5E-08	6.8E-08	2.0E-08	3.1E-07
312	UCART1	593167.6	4123119.92	593167.59, 4123119.92	0.82958	0.43782	1.73943	0.00099	1.15E-04	3.38E-04	1.35E-04	3.77E-07	5.88E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
313	UCART1	593207.6	4123119.92	593207.59, 4123119.92	0.97859	0.48481	2.06946	0.0011	1.35E-04	3.74E-04	1.61E-04	4.19E-07	6.71E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.1E-07
314	UCART1	593247.6	4123119.92	593247.59, 4123119.92	1.1505	0.53517	2.5247	0.00122	1.59E-04	4.13E-04	1.96E-04	4.64E-07	7.69E-04	2.7E-07	8.0E-07	4.7E-07	4.2E-07	1.9E-07	8.9E-09	2.1E-07	1.1E-07	1.0E-07	3.0E-08	4.6E-07
315	UCART1	593287.6	4123119.92	593287.59, 4123119.92	1.3297	0.58437	2.98112	0.00133	1.84E-04	4.51E-04	2.32E-04	5.06E-07	8.68E-04	3.0E-07	9.1E-07	5.2E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
316	UCART1	593327.6	4123119.92	593327.59, 4123119.92	1.56829	0.63684	3.33105	0.00146	2.17E-04	4.92E-04	2.59E-04	5.56E-07	9.68E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
317	UCART1	593367.6	4123119.92	593367.59, 4123119.92	1.90973	0.68871	3.531	0.00159	2.64E-04	5.32E-04	2.75E-04	6.05E-07	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.5E-07
318	UCART1	593407.6	4123119.92	593407.59, 4123119.92	2.43572	0.75896	3.62184	0.00176	3.37E-04	5.86E-04	2.82E-04	6.70E-07	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.8E-08	7.3E-07
319	UCART1	593447.6	4123119.92	593447.59, 4123119.92	3.05561	0.85345	3.62892	0.00196	4.23E-04	6.59E-04	2.82E-04	7.46E-07	1.36E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	3.8E-07	2.0E-07	1.8E-07	5.4E-08	8.2E-07
320	UCART1	593487.6	4123119.92	593487.59, 4123119.92	3.61475	0.98218	3.59541	0.00225	5.00E-04	7.58E-04	2.80E-04	8.56E-07	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
321	UCART1	593527.6	4123119.92	593527.59, 4123119.92	3.9346	1.13756	3.52542	0.00268	5.44E-04	8.78E-04	2.74E-04	1.02E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.0E-08	4.7E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
322	UCART1	593567.6	4123119.92	593567.59, 4123119.92	3.97421	1.32629	3.42893	0.00336	5.50E-04	1.02E-03	2.67E-04	1.28E-06	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	5.1E-07	2.6E-07	2.4E-07	7.3E-08	1.1E-06
323	UCART1	593607.6	4123119.92	593607.59, 4123119.92	3.79825	1.54	3.30372	0.00403	5.25E-04	1.19E-03	2.57E-04	1.53E-06	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
324	UCART1	593647.6	4123119.92	593647.59, 4123119.92	3.49166	1.74637	3.15642	0.00464	4.83E-04	1.35E-03	2.46E-04	1.77E-06	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.2E-08	1.3E-06
325	UCART1	593687.6	4123119.92	593687.59, 4123119.92	3.12668	1.90859	2.97671	0.00575	4.32E-04	1.47E-03	2.32E-04	2.19E-06	2.14E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.0E-07	3.1E-07	2.8E-07	8.4E-08	1.3E-06
326	UCART1	593727.6	4123119.92	593727.59, 4123119.92	2.75091	2.00308	2.73934	0.00798	3.80E-04	1.55E-03	2.13E-04	3.04E-06	2.14E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.0E-07	3.1E-07	2.8E-07	8.5E-08	1.3E-06
327	UCART1	593767.6	4123119.92	593767.59, 4123119.92	2.39233	2.02442	2.44918	0.01171	3.31E-04	1.56E-03	1.91E-04	4.46E-06	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.2E-08	1.3E-06

328	UCART1	593807.6	4123119.92	593807.59, 4123119.92	2.06489	1.98024	2.14407	0.01622	2.86E-04	1.53E-03	1.67E-04	6.17E-06	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.5E-07	2.9E-07	2.6E-07	7.8E-08	1.2E-06
329	UCART1	593847.6	4123119.92	593847.59, 4123119.92	1.77464	1.88529	1.85455	0.02129	2.45E-04	1.46E-03	1.44E-04	8.10E-06	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	5.2E-07	2.7E-07	2.4E-07	7.3E-08	1.1E-06
330	UCART1	593887.6	4123119.92	593887.59, 4123119.92	1.52369	1.75729	1.59625	0.0255	2.11E-04	1.36E-03	1.24E-04	9.70E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.8E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
331	UCART1	593927.6	4123119.92	593927.59, 4123119.92	1.30864	1.61042	1.36886	0.02933	1.81E-04	1.24E-03	1.06E-04	1.12E-05	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
332	UCART1	593967.6	4123119.92	593967.59, 4123119.92	1.12566	1.45658	1.17024	0.03095	1.56E-04	1.12E-03	9.10E-05	1.18E-05	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
333	UCART1	594007.6	4123119.92	594007.59, 4123119.92	0.97201	1.30596	0.99955	0.0313	1.34E-04	1.01E-03	7.78E-05	1.19E-05	1.23E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.9E-08	7.4E-07
334	UCART1	592567.6	4123159.92	592567.59, 4123159.92	0.16106	0.12947	0.27445	0.00024	2.23E-05	1.00E-04	2.14E-05	9.13E-08	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
335	UCART1	592607.6	4123159.92	592607.59, 4123159.92	0.17391	0.13809	0.31003	0.00026	2.41E-05	1.07E-04	2.41E-05	9.89E-08	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.4E-08
336	UCART1	592647.6	4123159.92	592647.59, 4123159.92	0.18833	0.14754	0.35221	0.00027	2.60E-05	1.14E-04	2.74E-05	1.03E-07	1.67E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
337	UCART1	592687.6	4123159.92	592687.59, 4123159.92	0.18911	0.14123	0.39562	0.00029	2.62E-05	1.09E-04	3.08E-05	1.10E-07	1.66E-04	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.9E-09	4.6E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
338	UCART1	592727.6	4123159.92	592727.59, 4123159.92	0.20485	0.15009	0.45137	0.00032	2.83E-05	1.16E-04	3.51E-05	1.22E-07	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.1E-09	5.0E-08	2.6E-08	2.3E-08	7.1E-09	1.1E-07
339	UCART1	592767.6	4123159.92	592767.59, 4123159.92	0.22484	0.16161	0.51604	0.00035	3.11E-05	1.25E-04	4.01E-05	1.33E-07	1.96E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.7E-09	1.2E-07
340	UCART1	592807.6	4123159.92	592807.59, 4123159.92	0.24996	0.175	0.59092	0.00038	3.46E-05	1.35E-04	4.60E-05	1.45E-07	2.16E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	6.0E-08	3.1E-08	2.8E-08	8.5E-09	1.3E-07
341	UCART1	592847.6	4123159.92	592847.59, 4123159.92	0.28028	0.19026	0.69099	0.00042	3.88E-05	1.47E-04	5.38E-05	1.60E-07	2.40E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	6.7E-08	3.4E-08	3.1E-08	9.5E-09	1.4E-07
342	UCART1	592887.6	4123159.92	592887.59, 4123159.92	0.32866	0.20892	0.83673	0.00047	4.55E-05	1.61E-04	6.51E-05	1.79E-07	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
343	UCART1	592927.6	4123159.92	592927.59, 4123159.92	0.38096	0.24464	1.02308	0.00052	5.27E-05	1.89E-04	7.96E-05	1.98E-07	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
344	UCART1	592967.6	4123159.92	592967.59, 4123159.92	0.43989	0.28748	1.22098	0.00059	6.08E-05	2.22E-04	9.50E-05	2.25E-07	3.78E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
345	UCART1	593007.6	4123159.92	593007.59, 4123159.92	0.51266	0.32011	1.41444	0.00067	7.09E-05	2.47E-04	1.10E-04	2.55E-07	4.28E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
346	UCART1	593047.6	4123159.92	593047.59, 4123159.92	0.60058	0.35788	1.60696	0.00076	8.31E-05	2.76E-04	1.25E-04	2.89E-07	4.85E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	1.4E-07	7.0E-08	6.3E-08	1.9E-08	2.9E-07
347	UCART1	593087.6	4123159.92	593087.59, 4123159.92	0.71429	0.40271	1.83491	0.00087	9.88E-05	3.11E-04	1.43E-04	3.31E-07	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	7.9E-08	7.2E-08	2.2E-08	3.3E-07
348	UCART1	593127.6	4123159.92	593127.59, 4123159.92	0.86237	0.45524	2.13985	0.00099	1.19E-04	3.51E-04	1.66E-04	3.77E-07	6.38E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.2E-08	8.3E-08	2.5E-08	3.9E-07
349	UCART1	593167.6	4123159.92	593167.59, 4123159.92	1.05829	0.51634	2.63166	0.00112	1.46E-04	3.99E-04	2.05E-04	4.26E-07	7.50E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.7E-09	2.1E-07	1.1E-07	9.8E-08	3.0E-08	4.5E-07
350	UCART1	593207.6	4123159.92	593207.59, 4123159.92	1.30891	0.58345	3.48327	0.00127	1.81E-04	4.50E-04	2.71E-04	4.83E-07	9.03E-04	3.1E-07	9.4E-07	5.5E-07	5.0E-07	2.3E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
351	UCART1	593247.6	4123159.92	593247.59, 4123159.92	1.62087	0.65582	4.4673	0.0014	2.24E-04	5.06E-04	3.48E-04	5.33E-07	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.6E-07	1.4E-07	4.3E-08	6.5E-07
352	UCART1	593287.6	4123159.92	593287.59, 4123159.92	1.9714	0.72811	5.1084	0.00157	2.73E-04	5.62E-04	3.97E-04	5.97E-07	1.23E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
353	UCART1	593327.6	4123159.92	593327.59, 4123159.92	2.46355	0.80286	5.38804	0.00175	3.41E-04	6.20E-04	4.19E-04	6.66E-07	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.4E-08	8.3E-07
354	UCART1	593367.6	4123159.92	593367.59, 4123159.92	3.27588	0.88146	5.44798	0.00192	4.53E-04	6.81E-04	4.24E-04	7.31E-07	1.56E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	4.4E-07	2.2E-07	2.0E-07	6.2E-08	9.4E-07
355	UCART1	593407.6	4123159.92	593407.59, 4123159.92	4.38383	0.98582	5.40182	0.00213	6.06E-04	7.61E-04	4.20E-04	8.11E-07	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.1E-08	5.0E-07	2.6E-07	2.3E-07	7.1E-08	1.1E-06
356	UCART1	593447.6	4123159.92	593447.59, 4123159.92	5.41868	1.13556	5.30228	0.00238	7.49E-04	8.77E-04	4.12E-04	9.06E-07	2.04E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	2.9E-07	2.7E-07	8.1E-08	1.2E-06
357	UCART1	593487.6	4123159.92	593487.59, 4123159.92	5.93513	1.33745	5.18777	0.00274	8.21E-04	1.03E-03	4.04E-04	1.04E-06	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.6E-08	6.3E-07	3.2E-07	2.9E-07	8.9E-08	1.4E-06
358	UCART1	593527.6	4123159.92	593527.59, 4123159.92	5.82918	1.594	5.05635	0.00328	8.06E-04	1.23E-03	3.93E-04	1.25E-06	2.43E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	6.8E-07	3.5E-07	3.2E-07	9.6E-08	1.5E-06
359	UCART1	593567.6	4123159.92	593567.59, 4123159.92	5.3402	1.9003	4.88723	0.00414	7.39E-04	1.47E-03	3.80E-04	1.58E-06	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.2E-07	3.7E-07	3.4E-07	1.0E-07	1.6E-06
360	UCART1	593607.6	4123159.92	593607.59, 4123159.92	4.70337	2.21122	4.67451	0.00503	6.50E-04	1.71E-03	3.64E-04	1.91E-06	2.72E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.1E-08	7.6E-07	3.9E-07	3.5E-07	1.1E-07	1.6E-06
361	UCART1	593647.6	4123159.92	593647.59, 4123159.92	4.04616	2.45712	4.39925	0.00596	5.60E-04	1.90E-03	3.42E-04	2.27E-06	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.0E-07	3.7E-07	1.1E-07	1.7E-06
362	UCART1	593687.6	4123159.92	593687.59, 4123159.92	3.43279	2.59154	3.99406	0.00803	4.75E-04	2.00E-03	3.11E-04	3.06E-06	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.0E-07	3.6E-07	1.1E-07	1.7E-06
363	UCART1	593727.6	4123159.92	593727.59, 4123159.92	2.88943	2.60509	3.43602	0.01237	4.00E-04	2.01E-03	2.67E-04	4.71E-06	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.1E-08	7.5E-07	3.9E-07	3.5E-07	1.1E-07	1.6E-06
364	UCART1	593767.6	4123159.92	593767.59, 4123159.92	2.42258	2.51541	2.86683	0.01852	3.35E-04	1.94E-03	2.23E-04	7.05E-06	2.51E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.0E-07	3.6E-07	3.3E-07	9.9E-08	1.5E-06
365	UCART1	593807.6	4123159.92	593807.59, 4123159.92	2.02886	2.352	2.37808	0.02577	2.81E-04	1.82E-03	1.85E-04	9.81E-06	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	6.4E-07	3.3E-07	3.0E-07	9.0E-08	1.4E-06
366	UCART1	593847.6	4123159.92	593847.59, 4123159.92	1.70072	2.14524	1.97567	0.03316	2.35E-04	1.66E-03	1.54E-04	1.26E-05	2.06E-03	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.4E-08	5.7E-07	3.0E-07	2.7E-07	8.1E-08	1.2E-06
367	UCART1	593887.6	4123159.92	593887.59, 4123159.92	1.43081	1.92215	1.64479	0.03891	1.98E-04	1.48E-03	1.28E-04	1.48E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	5.1E-07	2.6E-07	2.4E-07	7.2E-08	1.1E-06
368	UCART1	593927.6	4123159.92	593927.59, 4123159.92	1.20925	1.70042	1.36849	0.04106	1.67E-04	1.31E-03	1.06E-04	1.56E-05	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.3E-08	9.7E-07
369	UCART1	593967.6	4123159.92	593967.59, 4123159.92	1.02757	1.49147	1.13783	0.04025	1.42E-04	1.15E-03	8.85E-05	1.53E-05	1.40E-03	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
370	UCART1	594007.6	4123159.92	594007.59, 4123159.92	0.87935	1.30256	0.94818	0.03732	1.22E-04	1.01E-03	7.38E-05	1.42E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.8E-08	7.3E-07
371	UCART1	592567.6	4123199.92	592567.59, 4123199.92	0.17077	0.13679	0.30782	0.00024	2.36E-05	1.06E-04	2.39E-05	9.13E-08	1.53E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.3E-08
372	UCART1	592607.6	4123199.92	592607.59, 4123199.92	0.18511	0.14638	0.35409	0.00026	2.56E-05	1.13E-04	2.75E-05	9.89E-08	1.66E-04	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.9E-09	4.6E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
373	UCART1	592647.6	4123199.92	592647.59, 4123199.92	0.20149	0.15708	0.41177	0.00028	2.79E-05	1.21E-04	3.20E-05	1.07E-07	1.81E-04	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.2E-09	1.1E-07
374	UCART1	592687.6	4123199.92	592687.59, 4123199.92	0.21834	0.1624	0.48043	0.0003	3.02E-05	1.25E-04	3.74E-05	1.14E-07	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
375	UCART1	592727.6	4123199.92	592727.59, 4123199.92	0.2263	0.1648	0.56209	0.00032	3.13E-05	1.27E-04	4.37E-05	1.22E-07	2.02E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	5.7E-08	2.9E-08	2.6E-08	8.0E-09	1.2E-07
376	UCART1	592767.6	4123199.92	592767.59, 4123199.92	0.25013	0.17793	0.66509	0.00035	3.46E-05	1.37E-04	5.17E-05	1.33E-07	2.24E-04	7.7E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.8E-09	1.4E-07
377	UCART1	592807.6	4123199.92	592807.59, 4123199.92	0.2797	0.19352	0.78745	0.00039	3.87E-05	1.49E-04	6.13E-05	1.48E-07	2.50E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	7.0E-08	3.6E-08	3.3E-08	9.8E-09	1.5E-07
378	UCART1	592847.6	4123199.92	592847.59, 4123199.92	0.32874	0.22372	0.97798	0.00043	4.55E-05	1.73E-04	7.61E-05	1.64E-07	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
379	UCART1	592887.6	4123199.92	592887.59, 4123199.92	0.37534	0.24633	1.25982	0.00048	5.19E-05	1.90E-04	9.80E-05	1.83E-07	3.40E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	9.5E-08	4.9E-08	4.4E-08	1.3E-08	2.1E-07
380	UCART1	592927.6	4123199.92	592927.59, 4123199.92	0.43278	0.28701	1.55215	0.00053	5.99E-05	2.22E-04	1.21E-04	2.02E-07	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.8E-08	5.2E-08	1.6E-08	2.4E-07
381	UCART1	592967.6	4123199.92	592967.59, 4123199.92	0.5038	0.32025	1.78665	0.0006	6.97E-05	2.47E-04	1.39E-04	2.28E-07	4.56E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.6E-08	5.9E-08	1.8E-08	2.8E-07
382	UCART1	593007.6	4123199.92	593007.59, 4123199.92	0.59248	0.35946	1.98709	0.00068	8.19E-05	2.78E-04	1.55E-04	2.59E-07	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
383	UCART1	593047.6	4123199.92	593047.59, 4123199.92	0.70915	0.40689	2.23594	0.00079	9.81E-05	3.14E-04	1.74E-04	3.01E-07	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
384	UCART1	593087.6	4123199.92	593087.59, 4123199.92	0.86466	0.46393	2.63675	0.0009	1.20E-04	3.58E-04	2.05E-04	3.42E-07	6.83E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
385	UCART1	593127.6	4123199.92	593127.59, 4123199.92	1.07513	0.5318	3.37619	0.00105	1.49E-04	4.11E-04	2.63E-04	4.00E-07	8.22E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	5.0E-07
386	UCART1	593167.6	4123199.92	593167.59, 4123199.92	1.3802	0.61557	5.12199	0.00122	1.91E-04	4.75E-04	3.98E-04	4.64E-07	1.07E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.4E-07
387	UCART1	593207.6	4123199.92	593207.59, 4123199.92	1.81884	0.7125	8.09838	0.00142	2.52E-04	5.50E-04	6.30E-04	5.40E-07	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.7E-07
388	UCART1	593247.6	4123199.92	593247.59, 4123199.92	2.45522	0.82076	9.51637	0.00163	3.40E-04	6.34E-04	7.40E-04	6.20E-07	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.2E-07	6.8E-08	1.0E-06
389	UCART1	593287.6	4123199.92	593287.59, 4123199.92	3.29519	0.93298	9.75232	0.00187	4.56E-04	7.20E-04	7.59E-04	7.12E-07	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
390	UCART1	593327.6	4123199.92	593327.59, 4123199.92	4.72458	1.05019	9.62692	0.00208	6.53E-04	8.11E-04	7.49E-04	7.91E-07	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.7E-08	1.3E-06
391	UCART1	593367.6	4123199.92	593367.59, 4123199.92	7.09052	1.1732	9.40505	0.00236	9.81E-04	9.06E-04	7.32E-04	8.98E-07	2.62E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.3E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
392	UCART1	593407.6	4123199.92	593407.59, 4123199.92	9.19661	1.33859	9.15895	0.00264	1.27E-03	1.03E-03	7.13E-04	1.00E-06	3.02E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
393	UCART1	593447.6	4123199.92	593447.59, 4123199.92	10.14439	1.58715	8.93078	0.00295	1.40E-03	1.23E-03	6.95E-04	1.12E-06	3.32E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.8E-08	9.3E-07	4.8E-07	4.3E-07	1.3E-07	2.0E-06
394	UCART1	593487.6	4123199.92	593487.59, 4123199.92	9.335	1.93631	8.74415	0.00339	1.29E-03	1.50E-03	6.80E-04	1.29E-06	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.0E-08	9.7E-07	5.0E-07	4.5E-07	1.4E-07	2.1E-06
395	UCART1	593527.6	4123199.92	593527.59, 4123199.92	7.92222	2.38876	8.52631	0.00405	1.10E-03	1.84E-03	6.63E-04	1.54E-06	3.60E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.2E-08	1.0E-06	5.2E-07	4.7E-07	1.4E-07	2.2E-06
396	UCART1	593567.6	4123199.92	593567.59, 4123199.92	6.53236	2.88005	8.2539	0.00511	9.03E-04	2.22E-03	6.42E-04	1.94E-06	3.77E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	4.4E-08	1.1E-06	5.4E-07	4.9E-07	1.5E-07	2.3E-06
397	UCART1	593607.6	4123199.92	593607.59, 4123199.92	5.32626	3.27818	7.85003	0.0063	7.37E-04	2.53E-03	6.11E-04	2.40E-06	3.88E-03	1.3E-06	4.1E-06	2.3E-06	2.1E-06	9.7E-07	4.5E-08	1.1E-06	5.6E-07	5.1E-07	1.5E-07	2.3E-06
398	UCART1	593647.6	4123199.92	593647.59, 4123199.92	4.31905	3.47999	7.04274	0.0079	5.97E-04	2.69E-03	5.48E-04	3.01E-06	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.4E-08	1.1E-06	5.5E-07	5.0E-07	1.5E-07	2.3E-06
399	UCART1	593687.6	4123199.92	593687.59, 4123199.92	3.49447	3.46653	5.54826	0.01212	4.83E-04	2.68E-03	4.32E-04	4.61E-06	3.60E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.2E-08	1.0E-06	5.2E-07	4.7E-07	1.4E-07	2.2E-06
400	UCART1	593727.6	4123199.92	593727.59, 4123199.92	2.83178	3.2833	4.18168	0.02029	3.92E-04	2.53E-03	3.25E-04	7.72E-06	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	9.1E-07	4.7E-07	4.2E-07	1.3E-07	2.0E-06
401	UCART1	593767.6	4123199.92	593767.59, 4123199.92	2.30278	2.99354	3.22726	0.03178	3.18E-04	2.31E-03	2.51E-04	1.21E-05	2.89E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.3E-08	8.1E-07	4.2E-07	3.8E-07	1.1E-07	1.7E-06
402	UCART1	593807.6	4123199.92	593807.59, 4123199.92	1.88207	2.65524	2.55581	0.04424	2.60E-04	2.05E-03	1.99E-04	1.68E-05	2.53E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.1E-07	3.6E-07	3.3E-07	1.0E-07	1.5E-06
403	UCART1	593847.6	4123199.92	593847.59, 4123199.92	1.54891	2.31203	2.04935	0.05279	2.14E-04	1.79E-03	1.59E-04	2.01E-05	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
404	UCART1	593887.6	4123199.92	593887.59, 4123199.92	1.28472	1.98963	1.64563	0.05528	1.78E-04	1.54E-03	1.28E-04	2.10E-05	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.2E-07	2.7E-07	2.4E-07	7.4E-08	1.1E-06
405	UCART1	593927.6	4123199.92	593927.59, 4123199.92	1.07468	1.70109	1.32077	0.05244	1.49E-04	1.31E-03	1.03E-04	2.00E-05	1.58E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.4E-07	2.3E-07	2.1E-07	6.3E-08	9.6E-07
406	UCART1	593967.6	4123199.92	593967.59, 4123199.92	0.90715	1.45092	1.06344	0.04679	1.25E-04	1.12E-03	8.27E-05	1.78E-05	1.35E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.6E-08	3.8E-07	1.9E-07	1.8E-07	5.3E-08	8.1E-07
407	UCART1	594007.6	4123199.92	594007.59, 4123199.92	0.77319	1.23879	0.86345	0.03996	1.07E-04	9.56E-04	6.72E-05	1.52E-05	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
408	UCART1	592567.6	4123239.92	592567.59, 4123239.92	0.18092	0.14446	0.34703	0.00024	2.50E-05	1.12E-04	2.70E-05	9.13E-08	1.64E-04	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	1.9E-09	4.6E-08	2.4E-08	2.1E-08	6.5E-09	9.9E-08
409	UCART1	592607.6	4123239.92	592607.59, 4123239.92	0.19688	0.15511	0.40691	0.00026	2.72E-05	1.20E-04	3.17E-05	9.89E-08	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.1E-09	5.0E-08	2.6E-08	2.3E-08	7.1E-09	1.1E-07
410	UCART1	592647.6	4123239.92	592647.59, 4123239.92	0.21559	0.16731	0.4866	0.00028	2.98E-05	1.29E-04	3.79E-05	1.07E-07	1.97E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
411	UCART1	592687.6	4123239.92	592687.59, 4123239.92	0.23664	0.18066	0.59536	0.00031	3.27E-05	1.39E-04	4.63E-05	1.18E-07	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	6.1E-08	3.1E-08	2.8E-08	8.6E-09	1.3E-07
412	UCART1	592727.6	4123239.92	592727.59, 4123239.92	0.25968	0.19528	0.7432	0.00033	3.59E-05	1.51E-04	5.78E-05	1.26E-07	2.45E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	6.8E-08	3.5E-08	3.2E-08	9.7E-09	1.5E-07

413	UCART1	592767.6	4123239.92	592767.59, 4123239.92	0.27776	0.19607	0.93346	0.00036	3.84E-05	1.51E-04	7.26E-05	1.37E-07	2.63E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	7.3E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
414	UCART1	592807.6	4123239.92	592807.59, 4123239.92	0.3162	0.21428	1.18981	0.0004	4.37E-05	1.65E-04	9.26E-05	1.52E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
415	UCART1	592847.6	4123239.92	592847.59, 4123239.92	0.36374	0.24562	1.68236	0.00044	5.03E-05	1.90E-04	1.31E-04	1.67E-07	3.71E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
416	UCART1	592887.6	4123239.92	592887.59, 4123239.92	0.41068	0.25883	2.22082	0.00048	5.68E-05	2.00E-04	1.73E-04	1.83E-07	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
417	UCART1	592927.6	4123239.92	592927.59, 4123239.92	0.48412	0.31701	2.49375	0.00054	6.70E-05	2.45E-04	1.94E-04	2.05E-07	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.8E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
418	UCART1	592967.6	4123239.92	592967.59, 4123239.92	0.5741	0.3577	2.61407	0.00061	7.94E-05	2.76E-04	2.03E-04	2.32E-07	5.59E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
419	UCART1	593007.6	4123239.92	593007.59, 4123239.92	0.68643	0.40571	2.7585	0.0007	9.49E-05	3.13E-04	2.15E-04	2.66E-07	6.23E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	1.7E-07	9.0E-08	8.1E-08	2.5E-08	3.8E-07
420	UCART1	593047.6	4123239.92	593047.59, 4123239.92	0.83986	0.46528	3.13226	0.0008	1.16E-04	3.59E-04	2.44E-04	3.04E-07	7.19E-04	2.5E-07	7.5E-07	4.4E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.4E-08	2.8E-08	4.3E-07
421	UCART1	593087.6	4123239.92	593087.59, 4123239.92	1.0522	0.53826	4.10532	0.00091	1.46E-04	4.16E-04	3.19E-04	3.46E-07	8.81E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.1E-07	3.5E-08	5.3E-07
422	UCART1	593127.6	4123239.92	593127.59, 4123239.92	1.36329	0.62996	7.40859	0.00106	1.89E-04	4.86E-04	5.76E-04	4.03E-07	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.6E-07
423	UCART1	593167.6	4123239.92	593167.59, 4123239.92	1.84243	0.74465	14.70585	0.00128	2.55E-04	5.75E-04	1.14E-03	4.87E-07	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
424	UCART1	593207.6	4123239.92	593207.59, 4123239.92	2.63726	0.88578	15.29086	0.00153	3.65E-04	6.84E-04	1.19E-03	5.82E-07	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.3E-07	3.2E-07	2.9E-07	8.8E-08	1.4E-06
425	UCART1	593247.6	4123239.92	593247.59, 4123239.92	4.13395	1.05362	16.13424	0.00181	5.72E-04	8.13E-04	1.26E-03	6.89E-07	2.64E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.1E-08	7.4E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
426	UCART1	593287.6	4123239.92	593287.59, 4123239.92	7.24817	1.24159	13.67666	0.00214	1.00E-03	9.59E-04	1.06E-03	8.14E-07	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.4E-07	4.4E-07	3.9E-07	1.2E-07	1.8E-06
427	UCART1	593327.6	4123239.92	593327.59, 4123239.92	15.24116	1.43881	15.02082	0.00251	2.11E-03	1.11E-03	1.17E-03	9.55E-07	4.39E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.7E-06
428	UCART1	593367.6	4123239.92	593367.59, 4123239.92	19.1948	1.646	12.88936	0.00292	2.65E-03	1.27E-03	1.00E-03	1.11E-06	4.93E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.1E-07	6.4E-07	1.9E-07	3.0E-06
429	UCART1	593407.6	4123239.92	593407.59, 4123239.92	22.45092	1.92775	14.41225	0.0033	3.10E-03	1.49E-03	1.12E-03	1.26E-06	5.72E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.2E-07	7.4E-07	2.3E-07	3.5E-06
430	UCART1	593447.6	4123239.92	593447.59, 4123239.92	17.02303	2.38012	12.50313	0.00375	2.35E-03	1.84E-03	9.73E-04	1.43E-06	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.0E-08	1.4E-06	7.4E-07	6.7E-07	2.0E-07	3.1E-06
431	UCART1	593487.6	4123239.92	593487.59, 4123239.92	12.46641	3.05593	16.22403	0.0043	1.72E-03	2.36E-03	1.26E-03	1.64E-06	5.35E-03	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	7.7E-07	7.0E-07	2.1E-07	3.2E-06
432	UCART1	593527.6	4123239.92	593527.59, 4123239.92	9.33493	3.8798	11.94992	0.00503	1.29E-03	3.00E-03	9.30E-04	1.91E-06	5.22E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.0E-08	1.5E-06	7.5E-07	6.8E-07	2.1E-07	3.2E-06
433	UCART1	593567.6	4123239.92	593567.59, 4123239.92	7.10491	4.57986	15.52166	0.00633	9.83E-04	3.54E-03	1.21E-03	2.41E-06	5.73E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.2E-07	7.5E-07	2.3E-07	3.5E-06
434	UCART1	593607.6	4123239.92	593607.59, 4123239.92	5.45683	4.90544	16.05834	0.00787	7.55E-04	3.79E-03	1.25E-03	2.99E-06	5.79E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	8.3E-07	7.6E-07	2.3E-07	3.5E-06
435	UCART1	593647.6	4123239.92	593647.59, 4123239.92	4.21915	4.81687	11.7029	0.01099	5.84E-04	3.72E-03	9.10E-04	4.18E-06	5.22E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.0E-08	1.5E-06	7.5E-07	6.8E-07	2.1E-07	3.2E-06
436	UCART1	593687.6	4123239.92	593687.59, 4123239.92	3.28799	4.43123	7.06026	0.02073	4.55E-04	3.42E-03	5.49E-04	7.89E-06	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.4E-07	5.8E-07	1.8E-07	2.7E-06
437	UCART1	593727.6	4123239.92	593727.59, 4123239.92	2.58606	3.89643	4.83553	0.03872	3.58E-04	3.01E-03	3.76E-04	1.47E-05	3.76E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	4.3E-08	1.0E-06	5.4E-07	4.9E-07	1.5E-07	2.3E-06
438	UCART1	593767.6	4123239.92	593767.59, 4123239.92	2.05528	3.32718	3.57407	0.06092	2.84E-04	2.57E-03	2.78E-04	2.32E-05	3.15E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.6E-08	8.8E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
439	UCART1	593807.6	4123239.92	593807.59, 4123239.92	1.65245	2.79224	2.7237	0.07312	2.29E-04	2.16E-03	2.12E-04	2.78E-05	2.62E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.3E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
440	UCART1	593847.6	4123239.92	593847.59, 4123239.92	1.34569	2.32406	2.08002	0.07495	1.86E-04	1.79E-03	1.62E-04	2.85E-05	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
441	UCART1	593887.6	4123239.92	593887.59, 4123239.92	1.10879	1.92845	1.5837	0.06865	1.53E-04	1.49E-03	1.23E-04	2.61E-05	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.1E-08	5.0E-07	2.6E-07	2.3E-07	7.1E-08	1.1E-06
442	UCART1	593927.6	4123239.92	593927.59, 4123239.92	0.92448	1.60237	1.21321	0.05846	1.28E-04	1.24E-03	9.44E-05	2.22E-05	1.48E-03	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	9.0E-07
443	UCART1	593967.6	4123239.92	593967.59, 4123239.92	0.77967	1.33702	0.94347	0.04744	1.08E-04	1.03E-03	7.34E-05	1.81E-05	1.23E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.9E-08	7.4E-07
444	UCART1	594007.6	4123239.92	594007.59, 4123239.92	0.66552	1.12348	0.74956	0.03654	9.20E-05	8.67E-04	5.83E-05	1.39E-05	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
445	UCART1	592567.6	4123279.92	592567.59, 4123279.92	0.19186	0.15262	0.39437	0.00025	2.65E-05	1.18E-04	3.07E-05	9.51E-08	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
446	UCART1	592607.6	4123279.92	592607.59, 4123279.92	0.20969	0.16448	0.47177	0.00027	2.90E-05	1.27E-04	3.67E-05	1.03E-07	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
447	UCART1	592647.6	4123279.92	592647.59, 4123279.92	0.23056	0.17804	0.5815	0.00029	3.19E-05	1.37E-04	4.52E-05	1.10E-07	2.15E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	6.0E-08	3.1E-08	2.8E-08	8.5E-09	1.3E-07
448	UCART1	592687.6	4123279.92	592687.59, 4123279.92	0.25462	0.19324	0.74857	0.00032	3.52E-05	1.49E-04	5.82E-05	1.22E-07	2.43E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	6.8E-08	3.5E-08	3.2E-08	9.6E-09	1.5E-07
449	UCART1	592727.6	4123279.92	592727.59, 4123279.92	0.28249	0.2103	1.03405	0.00034	3.91E-05	1.62E-04	8.04E-05	1.29E-07	2.82E-04	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	3.3E-09	7.9E-08	4.1E-08	3.7E-08	1.1E-08	1.7E-07
450	UCART1	592767.6	4123279.92	592767.59, 4123279.92	0.31408	0.22927	1.5849	0.00037	4.34E-05	1.77E-04	1.23E-04	1.41E-07	3.44E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	9.6E-08	4.9E-08	4.5E-08	1.4E-08	2.1E-07
451	UCART1	592807.6	4123279.92	592807.59, 4123279.92	0.35279	0.24412	2.60269	0.00041	4.88E-05	1.88E-04	2.02E-04	1.56E-07	4.40E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.7E-07
452	UCART1	592847.6	4123279.92	592847.59, 4123279.92	0.40322	0.27026	4.35153	0.00045	5.58E-05	2.09E-04	3.39E-04	1.71E-07	6.03E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.9E-08	2.4E-08	3.6E-07
453	UCART1	592887.6	4123279.92	592887.59, 4123279.92	0.45826	0.28855	4.27025	0.0005	6.34E-05	2.23E-04	3.32E-04	1.90E-07	6.19E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	7.2E-09	1.7E-07	8.9E-08	8.1E-08	2.4E-08	3.7E-07
454	UCART1	592927.6	4123279.92	592927.59, 4123279.92	0.54635	0.35111	3.86594	0.00056	7.56E-05	2.71E-04	3.01E-04	2.13E-07	6.48E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	9.3E-08	8.4E-08	2.6E-08	3.9E-07
455	UCART1	592967.6	4123279.92	592967.59, 4123279.92	0.65528	0.40001	3.65048	0.00063	9.06E-05	3.09E-04	2.84E-04	2.40E-07	6.84E-04	2.4E-07	7.1E-07	4.1E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
456	UCART1	593007.6	4123279.92	593007.59, 4123279.92	0.79766	0.45912	3.77508	0.00072	1.10E-04	3.54E-04	2.94E-04	2.74E-07	7.59E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	2.1E-07	1.1E-07	9.9E-08	3.0E-08	4.6E-07
457	UCART1	593047.6	4123279.92	593047.59, 4123279.92	0.99718	0.53345	4.58874	0.00082	1.38E-04	4.12E-04	3.57E-04	3.12E-07	9.07E-04	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
458	UCART1	593087.6	4123279.92	593087.59, 4123279.92	1.28764	0.62763	7.6939	0.00095	1.78E-04	4.85E-04	5.99E-04	3.61E-07	1.26E-03	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.5E-08	3.5E-07	1.8E-07	1.6E-07	5.0E-08	7.6E-07
459	UCART1	593127.6	4123279.92	593127.59, 4123279.92	1.74696	0.752	14.89682	0.00111	2.42E-04	5.81E-04	1.16E-03	4.22E-07	1.98E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
460	UCART1	593167.6	4123279.92	593167.59, 4123279.92	2.51453	0.91216	18.38543	0.0013	3.48E-04	7.04E-04	1.43E-03	4.95E-07	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	6.9E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
461	UCART1	593207.6	4123279.92	593207.59, 4123279.92	3.97059	1.11629	14.20415	0.00154	5.49E-04	8.62E-04	1.10E-03	5.86E-07	2.52E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.0E-07	3.6E-07	3.3E-07	9.9E-08	1.5E-06
462	UCART1	593247.6	4123279.92	593247.59, 4123279.92	7.7766	1.38158	12.63998	0.00191	1.08E-03	1.07E-03	9.83E-04	7.27E-07	3.13E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.6E-08	8.7E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
463	UCART1	593287.6	4123279.92	593287.59, 4123279.92	29.92075	1.71185	11.78949	0.00235	4.14E-03	1.32E-03	9.17E-04	8.94E-07	6.38E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.4E-08	1.8E-06	9.2E-07	8.3E-07	2.5E-07	3.9E-06
464	UCART1	593327.6	4123279.92	593327.59, 4123279.92	46.51589	2.07468	11.26379	0.00286	6.43E-03	1.60E-03	8.76E-04	1.09E-06	8.91E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	2.5E-06	1.3E-06	1.2E-06	3.5E-07	5.4E-06
465	UCART1	593367.6	4123279.92	593367.59, 4123279.92	41.06745	2.46232	10.89135	0.00347	5.68E-03	1.90E-03	8.47E-04	1.32E-06	8.43E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	9.7E-08	2.4E-06	1.2E-06	1.1E-06	3.3E-07	5.1E-06
466	UCART1	593407.6	4123279.92	593407.59, 4123279.92	33.90005	2.9841	10.2393	0.0042	4.69E-03	2.30E-03	7.97E-04	1.60E-06	7.79E-03	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.0E-08	2.2E-06	1.1E-06	1.0E-06	3.1E-07	4.7E-06
467	UCART1	593447.6	4123279.92	593447.59, 4123279.92	20.43043	3.95991	10.23378	0.0049	2.83E-03	3.06E-03	7.96E-04	1.86E-06	6.68E-03	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	7.7E-08	1.9E-06	9.6E-07	8.7E-07	2.6E-07	4.0E-06
468	UCART1	593487.6	4123279.92	593487.59, 4123279.92	13.69708	5.4315	10.40462	0.00549	1.89E-03	4.19E-03	8.09E-04	2.09E-06	6.90E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	8.0E-08	1.9E-06	9.9E-07	9.0E-07	2.7E-07	4.2E-06
469	UCART1	593527.6	4123279.92	593527.59, 4123279.92	9.61711	6.81505	10.27874	0.00637	1.33E-03	5.26E-03	8.00E-04	2.42E-06	7.39E-03	2.6E-06	7.7E-06	4.5E-06	4.1E-06	1.9E-06	8.5E-08	2.1E-06	1.1E-06	9.6E-07	2.9E-07	4.5E-06
470	UCART1	593567.6	4123279.92	593567.59, 4123279.92	6.93271	7.40235	10.16338	0.00774	9.59E-04	5.72E-03	7.91E-04	2.95E-06	7.47E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.6E-08	2.1E-06	1.1E-06	9.7E-07	2.9E-07	4.5E-06
471	UCART1	593607.6	4123279.92	593607.59, 4123279.92	5.08027	7.08853	12.25903	0.01005	7.03E-04	5.47E-03	9.54E-04	3.82E-06	7.13E-03	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	8.2E-08	2.0E-06	1.0E-06	9.3E-07	2.8E-07	4.3E-06
472	UCART1	593647.6	4123279.92	593647.59, 4123279.92	3.77737	6.22148	6.19926	0.02105	5.22E-04	4.80E-03	4.82E-04	8.01E-06	5.82E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	8.4E-07	7.6E-07	2.3E-07	3.5E-06
473	UCART1	593687.6	4123279.92	593687.59, 4123279.92	2.86066	5.188	9.2209	0.06692	3.96E-04	4.01E-03	7.17E-04	2.55E-05	5.14E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	5.9E-08	1.4E-06	7.4E-07	6.7E-07	2.0E-07	3.1E-06
474	UCART1	593727.6	4123279.92	593727.59, 4123279.92	2.20582	4.2056	5.95744	0.08681	3.05E-04	3.25E-03	4.63E-04	3.30E-05	4.05E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.7E-08	1.1E-06	5.8E-07	5.3E-07	1.6E-07	2.4E-06
475	UCART1	593767.6	4123279.92	593767.59, 4123279.92	1.73068	3.36482	4.13863	0.10285	2.39E-04	2.60E-03	3.22E-04	3.91E-05	3.20E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	3.7E-08	8.9E-07	4.6E-07	4.2E-07	1.3E-07	1.9E-06
476	UCART1	593807.6	4123279.92	593807.59, 4123279.92	1.38254	2.68635	2.88252	0.102	1.91E-04	2.07E-03	2.24E-04	3.88E-05	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.1E-07	3.6E-07	3.3E-07	1.0E-07	1.5E-06
477	UCART1	593847.6	4123279.92	593847.59, 4123279.92	1.12381	2.15406	1.9998	0.08913	1.55E-04	1.66E-03	1.56E-04	3.39E-05	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	7.9E-08	1.2E-06
478	UCART1	593887.6	4123279.92	593887.59, 4123279.92	0.9274	1.7398	1.41269	0.07115	1.28E-04	1.34E-03	1.10E-04	2.71E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.3E-08	9.7E-07
479	UCART1	593927.6	4123279.92	593927.59, 4123279.92	0.77672	1.41949	1.03389	0.05324	1.07E-04	1.10E-03	8.04E-05	2.03E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.1E-08	7.9E-07
480	UCART1	593967.6	4123279.92	593967.59, 4123279.92	0.65909	1.1707	0.78684	0.03938	9.12E-05	9.04E-04	6.12E-05	1.50E-05	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.5E-07
481	UCART1	594007.6	4123279.92	594007.59, 4123279.92	0.56702	0.97788	0.62238	0.02962	7.84E-05	7.55E-04	4.84E-05	1.13E-05	8.93E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.5E-08	5.4E-07
482	UCART1	592567.6	4123319.92	592567.59, 4123319.92	0.204	0.16131	0.45102	0.00026	2.82E-05	1.25E-04	3.51E-05	9.89E-08	1.88E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	5.2E-08	2.7E-08	2.4E-08	7.4E-09	1.1E-07
483	UCART1	592607.6	4123319.92	592607.59, 4123319.92	0.22371	0.1743	0.55219	0.00028	3.09E-05	1.35E-04	4.30E-05	1.07E-07	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.3E-07
484	UCART1	592647.6	4123319.92	592647.59, 4123319.92	0.24688	0.1892	0.70515	0.00031	3.41E-05	1.46E-04	5.49E-05	1.18E-07	2.35E-04	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	6.6E-08	3.4E-08	3.1E-08	9.3E-09	1.4E-07
485	UCART1	592687.6	4123319.92	592687.59, 4123319.92	0.2741	0.2062	0.96471	0.00033	3.79E-05	1.59E-04	7.50E-05	1.26E-07	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
486	UCART1	592727.6	4123319.92	592727.59, 4123319.92	0.30651	0.22581	1.51023	0.00036	4.24E-05	1.74E-04	1.17E-04	1.37E-07	3.34E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	9.3E-08	4.8E-08	4.4E-08	1.3E-08	2.0E-07
487	UCART1	592767.6	4123319.92	592767.59, 4123319.92	0.3447	0.24806	3.46651	0.00039	4.77E-05	1.92E-04	2.70E-04	1.48E-07	5.09E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
488	UCART1	592807.6	4123319.92	592807.59, 4123319.92	0.38964	0.27329	3.02143	0.00043	5.39E-05	2.11E-04	2.35E-04	1.64E-07	5.00E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
489	UCART1	592847.6	4123319.92	592847.59, 4123319.92	0.44831	0.30468	10.15275	0.00047	6.20E-05	2.35E-04	7.90E-04	1.79E-07	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.0E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
490	UCART1	592887.6	4123319.92	592887.59, 4123319.92	0.52156	0.33255	6.82272	0.00052	7.21E-05	2.57E-04	5.31E-04	1.98E-07	8.60E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
491	UCART1	592927.6	4123319.92	592927.59, 4123319.92	0.62353	0.3898	5.40424	0.00059	8.62E-05	3.01E-04	4.20E-04	2.25E-07	8.08E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
492	UCART1	592967.6	4123319.92	592967.59, 4123319.92	0.75626	0.44769	4.88599	0.00066	1.05E-04	3.46E-04	3.80E-04	2.51E-07	8.31E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
493	UCART1	593007.6	4123319.92	593007.59, 4123319.92	0.94003	0.52027	5.19918	0.00075	1.30E-04	4.02E-04	4.04E-04	2.85E-07	9.36E-04	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.7E-07
494	UCART1	593047.6	4123319.92	593047.59, 4123319.92	1.21079	0.61491	6.90317	0.00086	1.67E-04	4.75E-04	5.37E-04	3.27E-07	1.18E-03	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.7E-08	7.1E-07
495	UCART1	593087.6	4123319.92	593087.59, 4123319.92	1.62637	0.73839	13.23101	0.00099	2.25E-04	5.70E-04	1.03E-03	3.77E-07	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	5.1E-07	2.6E-07	2.4E-07	7.2E-08	1.1E-06
496	UCART1	593127.6	4123319.92	593127.59, 4123319.92	2.31788	0.90369	15.51015	0.00116	3.21E-04	6.98E-04	1.21E-03	4.41E-07	2.23E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.3E-06
497	UCART1	593167.6	4123319.92	593167.59, 4123319.92	3.5967	1.12859	12.67567	0.00137	4.97E-04	8.71E-04	9.86E-04	5.21E-07	2.36E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.4E-07	3.1E-07	9.3E-08	1.4E-06

OPERATIONAL RISK (UNMITIGATED)

498	UCART1	593207.6	4123319.92	593207.59, 4123319.92	6.33685	1.43166	9.23936	0.00162	8.76E-04	1.11E-03	7.19E-04	6.16E-07	2.70E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.1E-08	7.5E-07	3.9E-07	3.5E-07	1.1E-07	1.6E-06
499	UCART1	593247.6	4123319.92	593247.59, 4123319.92	14.07894	1.86456	7.59977	0.00195	1.95E-03	1.44E-03	5.91E-04	7.42E-07	3.98E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.6E-08	1.1E-06	5.7E-07	5.2E-07	1.6E-07	2.4E-06
500	UCART1	593287.6	4123319.92	593287.59, 4123319.92	46.87007	2.48214	6.6557	0.00239	6.48E-03	1.92E-03	5.18E-04	9.09E-07	8.92E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	2.5E-06	1.3E-06	1.2E-06	3.5E-07	5.4E-06
501	UCART1	593327.6	4123319.92	593327.59, 4123319.92	58.79053	3.24452	6.05969	0.00307	8.13E-03	2.51E-03	4.71E-04	1.17E-06	1.11E-02	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.3E-07	3.1E-06	1.6E-06	1.4E-06	4.4E-07	6.7E-06
502	UCART1	593367.6	4123319.92	593367.59, 4123319.92	54.67899	4.05207	5.64535	0.00393	7.56E-03	3.13E-03	4.39E-04	1.50E-06	1.11E-02	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.3E-07	3.1E-06	1.6E-06	1.5E-06	4.4E-07	6.7E-06
503	UCART1	593407.6	4123319.92	593407.59, 4123319.92	34.54734	5.17513	5.1695	0.00487	4.78E-03	4.00E-03	4.02E-04	1.85E-06	9.18E-03	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	1.1E-07	2.6E-06	1.3E-06	1.2E-06	3.6E-07	5.5E-06
504	UCART1	593447.6	4123319.92	593447.59, 4123319.92	21.00446	7.82463	5.11183	0.0061	2.90E-03	6.04E-03	3.98E-04	2.32E-06	9.35E-03	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.1E-07	2.6E-06	1.3E-06	1.2E-06	3.7E-07	5.6E-06
505	UCART1	593487.6	4123319.92	593487.59, 4123319.92	13.48761	11.07619	5.0085	0.00721	1.87E-03	8.55E-03	3.90E-04	2.74E-06	1.08E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-07	3.0E-06	1.6E-06	1.4E-06	4.3E-07	6.5E-06
506	UCART1	593527.6	4123319.92	593527.59, 4123319.92	8.94566	12.34152	4.92797	0.00928	1.24E-03	9.53E-03	3.83E-04	3.53E-06	1.12E-02	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.3E-07	3.1E-06	1.6E-06	1.5E-06	4.4E-07	6.7E-06
507	UCART1	593567.6	4123319.92	593567.59, 4123319.92	6.11369	11.27483	5.21428	0.0103	8.46E-04	8.71E-03	4.06E-04	3.92E-06	9.96E-03	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.2E-07	2.8E-06	1.4E-06	1.3E-06	3.9E-07	6.0E-06
508	UCART1	593607.6	4123319.92	593607.59, 4123319.92	4.29816	9.1697	6.84986	0.01456	5.94E-04	7.08E-03	5.33E-04	5.54E-06	8.21E-03	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	9.5E-08	2.3E-06	1.2E-06	1.1E-06	3.2E-07	5.0E-06
509	UCART1	593647.6	4123319.92	593647.59, 4123319.92	3.10768	7.0444	5.77321	0.09952	4.30E-04	5.44E-03	4.49E-04	3.79E-05	6.36E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	7.3E-08	1.8E-06	9.1E-07	8.3E-07	2.5E-07	3.8E-06
510	UCART1	593687.6	4123319.92	593687.59, 4123319.92	2.31503	5.30684	14.47447	0.20512	3.20E-04	4.10E-03	1.13E-03	7.81E-05	5.62E-03	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.5E-08	1.6E-06	8.1E-07	7.3E-07	2.2E-07	3.4E-06
511	UCART1	593727.6	4123319.92	593727.59, 4123319.92	1.77497	4.00008	8.25559	0.19579	2.45E-04	3.09E-03	6.42E-04	7.45E-05	4.05E-03	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	4.7E-08	1.1E-06	5.8E-07	5.3E-07	1.6E-07	2.4E-06
512	UCART1	593767.6	4123319.92	593767.59, 4123319.92	1.39397	3.04169	4.74743	0.13729	1.93E-04	2.35E-03	3.69E-04	5.22E-05	2.96E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.4E-08	8.3E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
513	UCART1	593807.6	4123319.92	593807.59, 4123319.92	1.11958	2.3473	2.72216	0.10986	1.55E-04	1.81E-03	2.12E-04	4.18E-05	2.22E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.3E-06
514	UCART1	593847.6	4123319.92	593847.59, 4123319.92	0.91729	1.84221	1.67173	0.081	1.27E-04	1.42E-03	1.30E-04	3.08E-05	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.2E-07	6.8E-08	1.0E-06
515	UCART1	593887.6	4123319.92	593887.59, 4123319.92	0.76414	1.46973	1.12008	0.05624	1.06E-04	1.13E-03	8.71E-05	2.14E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.6E-08	3.8E-07	1.9E-07	1.8E-07	5.3E-08	8.2E-07
516	UCART1	593927.6	4123319.92	593927.59, 4123319.92	0.64698	1.1932	0.81237	0.03986	8.95E-05	9.21E-04	6.32E-05	1.52E-05	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.0E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
517	UCART1	593967.6	4123319.92	593967.59, 4123319.92	0.55494	0.98355	0.62529	0.02915	7.67E-05	7.59E-04	4.86E-05	1.11E-05	8.96E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.5E-08	5.4E-07
518	UCART1	594007.6	4123319.92	594007.59, 4123319.92	0.48297	0.82458	0.50476	0.02222	6.68E-05	6.37E-04	3.93E-05	8.46E-06	7.51E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	8.7E-09	2.1E-07	1.1E-07	9.8E-08	3.0E-08	4.5E-07
519	UCART1	592567.6	4123359.92	592567.59, 4123359.92	0.21733	0.17009	0.52478	0.00028	3.01E-05	1.31E-04	4.08E-05	1.07E-07	2.02E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	5.6E-08	2.9E-08	2.6E-08	8.0E-09	1.2E-07
520	UCART1	592607.6	4123359.92	592607.59, 4123359.92	0.23949	0.18441	0.66324	0.0003	3.31E-05	1.42E-04	5.16E-05	1.14E-07	2.27E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	6.3E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
521	UCART1	592647.6	4123359.92	592647.59, 4123359.92	0.2656	0.20082	0.88905	0.00033	3.67E-05	1.55E-04	6.92E-05	1.26E-07	2.61E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	7.3E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
522	UCART1	592687.6	4123359.92	592687.59, 4123359.92	0.29669	0.21975	1.31473	0.00036	4.10E-05	1.70E-04	1.02E-04	1.37E-07	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
523	UCART1	592727.6	4123359.92	592727.59, 4123359.92	0.3343	0.24184	2.2973	0.00039	4.62E-05	1.87E-04	1.79E-04	1.48E-07	4.12E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.1E-07	5.9E-08	5.4E-08	1.6E-08	2.5E-07
524	UCART1	592767.6	4123359.92	592767.59, 4123359.92	0.37996	0.26757	5.03776	0.00043	5.25E-05	2.07E-04	3.92E-04	1.64E-07	6.51E-04	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	9.4E-08	8.5E-08	2.6E-08	3.9E-07
525	UCART1	592807.6	4123359.92	592807.59, 4123359.92	0.43446	0.29679	9.21771	0.00047	6.01E-05	2.29E-04	7.17E-04	1.79E-07	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	4.0E-08	6.1E-07
526	UCART1	592847.6	4123359.92	592847.59, 4123359.92	0.50406	0.33216	16.43079	0.00051	6.97E-05	2.56E-04	1.28E-03	1.94E-07	1.60E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.3E-08	9.7E-07
527	UCART1	592887.6	4123359.92	592887.59, 4123359.92	0.59632	0.37628	9.77926	0.00057	8.25E-05	2.91E-04	7.61E-04	2.17E-07	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
528	UCART1	592927.6	4123359.92	592927.59, 4123359.92	0.72341	0.43284	7.25292	0.00064	1.00E-04	3.34E-04	5.64E-04	2.44E-07	9.99E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
529	UCART1	592967.6	4123359.92	592967.59, 4123359.92	0.89415	0.50191	6.55305	0.00072	1.24E-04	3.88E-04	5.10E-04	2.74E-07	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.0E-08	6.2E-07
530	UCART1	593007.6	4123359.92	593007.59, 4123359.92	1.14074	0.5914	7.25839	0.00082	1.58E-04	4.57E-04	5.65E-04	3.12E-07	1.18E-03	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.7E-08	7.1E-07
531	UCART1	593047.6	4123359.92	593047.59, 4123359.92	1.50976	0.70823	9.73616	0.00093	2.09E-04	5.47E-04	7.57E-04	3.54E-07	1.51E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.7E-08	4.2E-07	2.2E-07	2.0E-07	6.0E-08	9.1E-07
532	UCART1	593087.6	4123359.92	593087.59, 4123359.92	2.10141	0.86702	13.04148	0.00108	2.91E-04	6.69E-04	1.01E-03	4.11E-07	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
533	UCART1	593127.6	4123359.92	593127.59, 4123359.92	3.11402	1.08804	18.04667	0.00125	4.31E-04	8.40E-04	1.40E-03	4.76E-07	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.1E-08	7.5E-07	3.8E-07	3.5E-07	1.1E-07	1.6E-06
534	UCART1	593167.6	4123359.92	593167.59, 4123359.92	4.98637	1.40304	10.11818	0.00147	6.90E-04	1.08E-03	7.87E-04	5.59E-07	2.56E-03	8.9E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.0E-08	7.1E-07	3.7E-07	3.3E-07	1.0E-07	1.5E-06
535	UCART1	593207.6	4123359.92	593207.59, 4123359.92	8.80341	1.86468	7.03118	0.00174	1.22E-03	1.44E-03	5.47E-04	6.62E-07	3.20E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	3.7E-08	8.9E-07	4.6E-07	4.2E-07	1.3E-07	1.9E-06
536	UCART1	593247.6	4123359.92	593247.59, 4123359.92	18.04187	2.58522	5.48913	0.00209	2.50E-03	2.00E-03	4.27E-04	7.95E-07	4.92E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.1E-07	6.4E-07	1.9E-07	3.0E-06
537	UCART1	593287.6	4123359.92	593287.59, 4123359.92	53.05712	3.78838	4.62315	0.00256	7.34E-03	2.92E-03	3.60E-04	9.74E-07	1.06E-02	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.2E-07	3.0E-06	1.5E-06	1.4E-06	4.2E-07	6.4E-06
538	UCART1	593327.6	4123359.92	593327.59, 4123359.92	62.28809	5.6224	4.09572	0.00319	8.61E-03	4.34E-03	3.19E-04	1.21E-06	1.33E-02	4.6E-06	1.4E-05	8.0E-06	7.3E-06	3.3E-06	1.5E-07	3.7E-06	1.9E-06	1.7E-06	5.2E-07	8.0E-06
539	UCART1	593367.6	4123359.92	593367.59, 4123359.92	52.40909	7.81774	3.74289	0.00407	7.25E-03	6.04E-03	2.91E-04	1.55E-06	1.36E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.6E-07	3.8E-06	2.0E-06	1.8E-06	5.4E-07	8.2E-06
540	UCART1	593407.6	4123359.92	593407.59, 4123359.92	33.86921	11.15552	3.42093	0.00526	4.68E-03	8.61E-03	2.66E-04	2.00E-06	1.36E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.6E-07	3.8E-06	2.0E-06	1.8E-06	5.4E-07	8.2E-06
541	UCART1	593447.6	4123359.92	593447.59, 4123359.92	19.27029	19.35785	3.26189	0.00677	2.67E-03	1.49E-02	2.54E-04	2.58E-06	1.79E-02	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	2.1E-07	5.0E-06	2.6E-06	2.3E-06	7.1E-07	1.1E-05
542	UCART1	593487.6	4123359.92	593487.59, 4123359.92	11.76763	23.84843	3.22792	0.00891	1.63E-03	1.84E-02	2.51E-04	3.39E-06	2.03E-02	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.3E-07	5.7E-06	2.9E-06	2.6E-06	8.0E-07	1.2E-05
543	UCART1	593527.6	4123359.92	593527.59, 4123359.92	7.34715	19.97916	3.29077	0.01292	1.02E-03	1.54E-02	2.56E-04	4.92E-06	1.67E-02	5.8E-06	1.7E-05	1.0E-05	9.2E-06	4.2E-06	1.9E-07	4.7E-06	2.4E-06	2.2E-06	6.6E-07	1.0E-05
544	UCART1	593567.6	4123359.92	593567.59, 4123359.92	4.79766	14.1642	3.6155	0.01794	6.64E-04	1.09E-02	2.81E-04	6.83E-06	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.4E-07	3.3E-06	1.7E-06	1.5E-06	4.7E-07	7.2E-06
545	UCART1	593607.6	4123359.92	593607.59, 4123359.92	3.29816	9.61277	4.5428	0.05245	4.56E-04	7.42E-03	3.53E-04	2.00E-05	8.25E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	9.5E-08	2.3E-06	1.2E-06	1.1E-06	3.3E-07	5.0E-06
546	UCART1	593647.6	4123359.92	593647.59, 4123359.92	2.37453	6.55976	6.95194	0.2054	3.28E-04	5.06E-03	5.41E-04	7.82E-05	6.01E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	6.9E-08	1.7E-06	8.6E-07	7.8E-07	2.4E-07	3.6E-06
547	UCART1	593687.6	4123359.92	593687.59, 4123359.92	1.77919	4.58765	5.99	0.34332	2.46E-04	3.54E-03	4.66E-04	1.31E-04	4.38E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.6E-06
548	UCART1	593727.6	4123359.92	593727.59, 4123359.92	1.38066	3.31152	10.31292	0.29357	1.91E-04	2.56E-03	8.02E-04	1.12E-04	3.66E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	1.0E-06	5.3E-07	4.8E-07	1.4E-07	2.2E-06
549	UCART1	593767.6	4123359.92	593767.59, 4123359.92	1.10089	2.46201	3.97309	0.12133	1.52E-04	1.90E-03	3.09E-04	4.62E-05	2.41E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.5E-07	3.1E-07	9.5E-08	1.5E-06
550	UCART1	593807.6	4123359.92	593807.59, 4123359.92	0.89775	1.88122	1.91812	0.0766	1.24E-04	1.45E-03	1.49E-04	2.91E-05	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.0E-08	4.9E-07	2.5E-07	2.3E-07	6.9E-08	1.1E-06
551	UCART1	593847.6	4123359.92	593847.59, 4123359.92	0.74707	1.47524	1.16422	0.04919	1.03E-04	1.14E-03	9.06E-05	1.87E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.6E-08	3.8E-07	1.9E-07	1.8E-07	5.3E-08	8.2E-07
552	UCART1	593887.6	4123359.92	593887.59, 4123359.92	0.63221	1.18331	0.81381	0.03515	8.74E-05	9.14E-04	6.33E-05	1.34E-05	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.3E-08	6.5E-07
553	UCART1	593927.6	4123359.92	593927.59, 4123359.92	0.54264	0.96801	0.61915	0.0258	7.50E-05	7.47E-04	4.82E-05	9.82E-06	8.80E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.1E-07	3.5E-08	5.3E-07
554	UCART1	593967.6	4123359.92	593967.59, 4123359.92	0.471	0.80489	0.49643	0.01955	6.51E-05	6.21E-04	3.86E-05	7.44E-06	7.33E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	8.5E-09	2.0E-07	1.1E-07	9.5E-08	2.9E-08	4.4E-07
555	UCART1	594007.6	4123359.92	594007.59, 4123359.92	0.41306	0.67926	0.41261	0.01484	5.71E-05	5.24E-04	3.21E-05	5.65E-06	6.19E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	7.2E-09	1.7E-07	8.9E-08	8.1E-08	2.4E-08	3.7E-07
556	UCART1	592567.6	4123399.92	592567.59, 4123399.92	0.23307	0.17928	0.62485	0.00031	3.22E-05	1.38E-04	4.86E-05	1.18E-07	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	6.1E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
557	UCART1	592607.6	4123399.92	592607.59, 4123399.92	0.2583	0.195	0.81372	0.00033	3.57E-05	1.51E-04	6.33E-05	1.26E-07	2.50E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	7.0E-08	3.6E-08	3.3E-08	9.9E-09	1.5E-07
558	UCART1	592647.6	4123399.92	592647.59, 4123399.92	0.2883	0.21309	1.12353	0.00036	3.99E-05	1.65E-04	8.74E-05	1.37E-07	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
559	UCART1	592687.6	4123399.92	592687.59, 4123399.92	0.32433	0.23402	1.66943	0.00039	4.49E-05	1.81E-04	1.30E-04	1.48E-07	3.56E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	9.9E-08	5.1E-08	4.6E-08	1.4E-08	2.1E-07
560	UCART1	592727.6	4123399.92	592727.59, 4123399.92	0.369	0.25894	2.65333	0.00043	5.10E-05	2.00E-04	2.06E-04	1.64E-07	4.58E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.6E-08	6.0E-08	1.8E-08	2.8E-07
561	UCART1	592767.6	4123399.92	592767.59, 4123399.92	0.4239	0.28812	4.49642	0.00048	5.86E-05	2.22E-04	3.50E-04	1.83E-07	6.31E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	1.8E-07	9.1E-08	8.2E-08	2.5E-08	3.8E-07
562	UCART1	592807.6	4123399.92	592807.59, 4123399.92	0.49164	0.32216	8.63176	0.00052	6.80E-05	2.49E-04	6.71E-04	1.98E-07	9.88E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
563	UCART1	592847.6	4123399.92	592847.59, 4123399.92	0.57652	0.36208	7.72704	0.00057	7.97E-05	2.80E-04	6.01E-04	2.17E-07	9.61E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.8E-07
564	UCART1	592887.6	4123399.92	592887.59, 4123399.92	0.69219	0.41309	14.1855	0.00064	9.57E-05	3.19E-04	1.10E-03	2.44E-07	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.8E-08	4.2E-07	2.2E-07	2.0E-07	6.0E-08	9.2E-07
565	UCART1	592927.6	4123399.92	592927.59, 4123399.92	0.8514	0.47801	10.10008	0.00072	1.18E-04	3.69E-04	7.86E-04	2.74E-07	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.6E-07	1.8E-07	1.7E-07	5.0E-08	7.7E-07
566	UCART1	592967.6	4123399.92	592967.59, 4123399.92	1.07564	0.56147	9.84911	0.00082	1.49E-04	4.34E-04	7.66E-04	3.12E-07	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.6E-08	3.8E-07	1.9E-07	1.8E-07	5.3E-08	8.2E-07
567	UCART1	593007.6	4123399.92	593007.59, 4123399.92	1.39806	0.66916	11.30445	0.00093	1.93E-04	5.17E-04	8.79E-04	3.54E-07	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.4E-07	2.3E-07	2.1E-07	6.3E-08	9.6E-07
568	UCART1	593047.6	4123399.92	593047.59, 4123399.92	1.88248	0.81263	14.18306	0.00106	2.60E-04	6.27E-04	1.10E-03	4.03E-07	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	7.9E-08	1.2E-06
569	UCART1	593087.6	4123399.92	593087.59, 4123399.92	2.65553	1.01506	13.82353	0.00122	3.67E-04	7.84E-04	1.08E-03	4.64E-07	2.23E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.3E-06
570	UCART1	593127.6	4123399.92	593127.59, 4123399.92	3.92024	1.30219	13.96657	0.00142	5.42E-04	1.01E-03	1.09E-03	5.40E-07	2.63E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.4E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
571	UCART1	593167.6	4123399.92	593167.59, 4123399.92	6.15129	1.74451	7.6142	0.00168	8.51E-04	1.35E-03	5.92E-04	6.39E-07	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.0E-07	3.6E-07	1.1E-07	1.7E-06
572	UCART1	593207.6	4123399.92	593207.59, 4123399.92	10.35686	2.44357	5.16661	0.00199	1.43E-03	1.89E-03	4.02E-04	7.57E-07	3.72E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	4.3E-08	1.0E-06	5.4E-07	4.9E-07	1.5E-07	2.2E-06
573	UCART1	593247.6	4123399.92	593247.59, 4123399.92	20.03349	3.66449	3.99873	0.00239	2.77E-03	2.83E-03	3.11E-04	9.09E-07	5.91E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	6.8E-08	1.7E-06	8.5E-07	7.7E-07	2.3E-07	3.6E-06
574	UCART1	593287.6	4123399.92	593287.59, 4123399.92	56.51884	6.03514	3.35757	0.0029	7.82E-03	4.66E-03	2.61E-04	1.10E-06	1.27E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.5E-07	3.6E-06	1.8E-06	1.7E-06	5.0E-07	7.7E-06
575	UCART1	593327.6	4123399.92	593327.59, 4123399.92	63.45297	11.12789	2.96843	0.00359	8.78E-03	8.59E-03	2.31E-04	1.37E-06	1.76E-02	6.1E-06	1.8E-05	1.1E-05	9.7E-06	4.4E-06	2.0E-07	4.9E-06	2.5E-06	2.3E-06	6.9E-07	1.1E-05
576	UCART1	593367.6	4123399.92	593367.59, 4123399.92	70.66685	20.82759	2.71475	0.0045	9.77E-03	1.61E-02	2.11E-04	1.71E-06	2.61E-02	9.0E-06	2.7E-05	1.6E-05	1.4E-05	6.5E-06	3.0E-07	7.3E-06	3.7E-06	3.4E-06	1.0E-06	1.6E-05
577	UCART1	593407.6	4123399.92	593407.59, 4123399.92	35.42401	42.72397	2.54291	0.00589	4.90E-03	3.30E-02	1.98E-04	2.24E-06	3.81E-02	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.5E-06	4.4E-07	1.1E-05	5.5E-06	5.0E-06	1.5E-06	2.3E-05
578	UCART1	593447.6	4123399.92	593447.59, 4123399.92	16.38031	64.01527	2.43746	0.00777	2.27E-03	4.94E-02	1.90E-04	2.96E-06	5.19E-02	1.8E-05	5.4E-05	3.1E-05	2.8E-05	1.3E-05	6.0E-07	1.4E-05	7.5E-06	6.8E-06	2.0E-06	3.1E-05
579	UCART1	593487.6	4123399.92	593487.59, 4123399.92	8.62832	41.26722	2.40524	0.01228	1.19E-03	3.19E-02	1.87E-04	4.67E-06	3.32E-02	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.3E-06	3.8E-07	9.3E-06	4.8E-06	4.3E-06	1.3E-06	2.0E-05
580	UCART1	593527.6	4123399.92	593527.59, 4123399.92	5.13117	22.26299	2.47795	0.01473	7.10E-04	1.72E-02	1.93E-04	5.61E-06	1.81E-02	6.3E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.1E-07	5.1E-06	2.6E-06	2.4E-06	7.1E-07	1.1E-05
581	UCART1	593567.6	4123399.92	593567.59, 4123399.92	3.36658	12.51771	2.71474	0.01977	4.66E-04	9.66E-03	2.11E-04	7.52E-06	1.03E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.2E-07	2.9E-06	1.5E-06	1.3E-06	4.1E-07	6.3E-06
582	UCART1	593607.6	4123399.92	593607.59, 4123399.92	2.36703	7.56945	3.25786	0.02827	3.27E-04	5.84E-03	2.53E-04	1.08E-05	6.44E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.4E-08	1.8E-06	9.3E-07	8.4E-07	2.5E-07	3.9E-06

OPERATIONAL RISK (UNMITIGATED)

583	UCART1	593647.6	4123399.92	593647.59, 4123399.92	1.7532	4.9099	4.58723	0.16255	2.42E-04	3.79E-03	3.57E-04	6.19E-05	4.45E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.4E-07	5.8E-07	1.8E-07	2.7E-06
584	UCART1	593687.6	4123399.92	593687.59, 4123399.92	1.35277	3.3827	6.02592	0.2032	1.87E-04	2.61E-03	4.69E-04	7.73E-05	3.34E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.3E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
585	UCART1	593727.6	4123399.92	593727.59, 4123399.92	1.07559	2.44343	4.92467	0.13721	1.49E-04	1.89E-03	3.83E-04	5.22E-05	2.47E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	6.9E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
586	UCART1	593767.6	4123399.92	593767.59, 4123399.92	0.87706	1.83662	1.88134	0.04723	1.21E-04	1.42E-03	1.46E-04	1.80E-05	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.8E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
587	UCART1	593807.6	4123399.92	593807.59, 4123399.92	0.72947	1.42509	1.12205	0.0342	1.01E-04	1.10E-03	8.73E-05	1.30E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.1E-08	7.9E-07
588	UCART1	593847.6	4123399.92	593847.59, 4123399.92	0.61722	1.13612	0.79153	0.02482	8.54E-05	8.77E-04	6.16E-05	9.44E-06	1.03E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
589	UCART1	593887.6	4123399.92	593887.59, 4123399.92	0.5294	0.92562	0.60652	0.01915	7.32E-05	7.15E-04	4.72E-05	7.29E-06	8.42E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.4E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
590	UCART1	593927.6	4123399.92	593927.59, 4123399.92	0.45952	0.76832	0.48868	0.01487	6.36E-05	5.93E-04	3.80E-05	5.66E-06	7.00E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	8.1E-09	2.0E-07	1.0E-07	9.1E-08	2.8E-08	4.2E-07
591	UCART1	593967.6	4123399.92	593967.59, 4123399.92	0.40345	0.64872	0.40776	0.01184	5.58E-05	5.01E-04	3.17E-05	4.51E-06	5.93E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	1.7E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
592	UCART1	594007.6	4123399.92	594007.59, 4123399.92	0.35796	0.55615	0.34914	0.00957	4.95E-05	4.29E-04	2.72E-05	3.64E-06	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
593	UCART1	592567.6	4123439.92	592567.59, 4123439.92	0.2525	0.18927	0.74071	0.00034	3.49E-05	1.46E-04	5.76E-05	1.29E-07	2.39E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	6.7E-08	3.4E-08	3.1E-08	9.4E-09	1.4E-07
594	UCART1	592607.6	4123439.92	592607.59, 4123439.92	0.28163	0.20646	0.96825	0.00037	3.89E-05	1.59E-04	7.53E-05	1.41E-07	2.74E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	7.6E-08	3.9E-08	3.6E-08	1.1E-08	1.7E-07
595	UCART1	592647.6	4123439.92	592647.59, 4123439.92	0.31682	0.22649	1.31206	0.0004	4.38E-05	1.75E-04	1.02E-04	1.52E-07	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
596	UCART1	592687.6	4123439.92	592687.59, 4123439.92	0.35967	0.24987	1.8383	0.00044	4.97E-05	1.93E-04	1.43E-04	1.67E-07	3.86E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
597	UCART1	592727.6	4123439.92	592727.59, 4123439.92	0.41306	0.27778	2.6397	0.00048	5.71E-05	2.14E-04	2.05E-04	1.83E-07	4.77E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.9E-08	6.2E-08	1.9E-08	2.9E-07
598	UCART1	592767.6	4123439.92	592767.59, 4123439.92	0.47952	0.3107	3.94455	0.00053	6.63E-05	2.40E-04	3.07E-04	2.02E-07	6.13E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
599	UCART1	592807.6	4123439.92	592807.59, 4123439.92	0.56394	0.35011	6.36605	0.00059	7.80E-05	2.70E-04	4.95E-04	2.25E-07	8.44E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.8E-09	2.4E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
600	UCART1	592847.6	4123439.92	592847.59, 4123439.92	0.66974	0.39613	13.03207	0.00065	9.26E-05	3.06E-04	1.01E-03	2.47E-07	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.6E-08	8.5E-07
601	UCART1	592887.6	4123439.92	592887.59, 4123439.92	0.81229	0.45434	13.76795	0.00073	1.12E-04	3.51E-04	1.07E-03	2.78E-07	1.53E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
602	UCART1	592927.6	4123439.92	592927.59, 4123439.92	1.01187	0.53086	18.84339	0.00083	1.40E-04	4.10E-04	1.47E-03	3.16E-07	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	8.0E-08	1.2E-06
603	UCART1	592967.6	4123439.92	592967.59, 4123439.92	1.29022	0.62986	20.82718	0.00094	1.78E-04	4.86E-04	1.62E-03	3.58E-07	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	6.4E-07	3.3E-07	3.0E-07	9.0E-08	1.4E-06
604	UCART1	593007.6	4123439.92	593007.59, 4123439.92	1.68682	0.7604	20.61691	0.00108	2.33E-04	5.87E-04	1.60E-03	4.11E-07	2.42E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	6.8E-07	3.5E-07	3.2E-07	9.6E-08	1.5E-06
605	UCART1	593047.6	4123439.92	593047.59, 4123439.92	2.27084	0.9394	24.86943	0.00124	3.14E-04	7.25E-04	1.93E-03	4.72E-07	2.97E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.4E-08	8.3E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
606	UCART1	593087.6	4123439.92	593087.59, 4123439.92	3.14895	1.19133	22.32069	0.00144	4.35E-04	9.20E-04	1.74E-03	5.48E-07	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.6E-08	8.6E-07	4.4E-07	4.0E-07	1.2E-07	1.9E-06
607	UCART1	593127.6	4123439.92	593127.59, 4123439.92	4.50532	1.55976	8.38965	0.00168	6.23E-04	1.20E-03	6.53E-04	6.39E-07	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	6.9E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
608	UCART1	593167.6	4123439.92	593167.59, 4123439.92	6.80183	2.17195	4.94281	0.00199	9.41E-04	1.68E-03	3.85E-04	7.57E-07	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
609	UCART1	593207.6	4123439.92	593207.59, 4123439.92	10.89792	3.19811	3.59062	0.00238	1.51E-03	2.47E-03	2.79E-04	9.06E-07	4.26E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.1E-07	5.5E-07	1.7E-07	2.6E-06
610	UCART1	593247.6	4123439.92	593247.59, 4123439.92	20.14346	5.16453	2.89978	0.00288	2.79E-03	3.99E-03	2.26E-04	1.10E-06	7.00E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	8.1E-08	2.0E-06	1.0E-06	9.1E-07	2.8E-07	4.2E-06
611	UCART1	593287.6	4123439.92	593287.59, 4123439.92	58.00543	9.68078	2.49487	0.00351	8.02E-03	7.47E-03	1.94E-04	1.34E-06	1.57E-02	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.8E-07	4.4E-06	2.3E-06	2.0E-06	6.2E-07	9.5E-06
612	UCART1	593327.6	4123439.92	593327.59, 4123439.92	80.07603	24.17108	2.23768	0.00455	1.11E-02	1.87E-02	1.74E-04	1.73E-06	2.99E-02	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	3.5E-07	8.4E-06	4.3E-06	3.9E-06	1.2E-06	1.8E-05
613	UCART1	593367.6	4123439.92	593367.59, 4123439.92	93.55807	106.059	2.06618	0.00582	1.29E-02	8.19E-02	1.61E-04	2.21E-06	9.50E-02	3.3E-05	9.9E-05	5.7E-05	5.2E-05	2.4E-05	1.1E-06	2.7E-05	1.4E-05	1.2E-05	3.7E-06	5.7E-05
614	UCART1	593407.6	4123439.92	593407.59, 4123439.92	21.31806	356.77879	1.95341	0.00758	2.95E-03	2.75E-01	1.52E-04	2.88E-06	2.79E-01	9.6E-05	2.9E-04	1.7E-04	1.5E-04	7.0E-05	3.2E-06	7.8E-05	4.0E-05	3.6E-05	1.1E-05	1.7E-04
615	UCART1	593447.6	4123439.92	593447.59, 4123439.92	8.93417	90.02829	1.89226	0.01	1.24E-03	6.95E-02	1.47E-04	3.81E-06	7.09E-02	2.5E-05	7.4E-05	4.3E-05	3.9E-05	1.8E-05	8.2E-07	2.0E-05	1.0E-05	9.2E-06	2.8E-06	4.3E-05
616	UCART1	593487.6	4123439.92	593487.59, 4123439.92	5.02033	29.69912	1.8868	0.01321	6.94E-04	2.29E-02	1.47E-04	5.03E-06	2.38E-02	8.2E-06	2.5E-05	1.4E-05	1.3E-05	6.0E-06	2.7E-07	6.6E-06	3.4E-06	3.1E-06	9.4E-07	1.4E-05
617	UCART1	593527.6	4123439.92	593527.59, 4123439.92	3.25053	13.50653	1.9483	0.01556	4.50E-04	1.04E-02	1.52E-04	5.92E-06	1.10E-02	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.3E-07	3.1E-06	1.6E-06	1.4E-06	4.4E-07	6.7E-06
618	UCART1	593567.6	4123439.92	593567.59, 4123439.92	2.29133	7.47752	2.09933	0.01923	3.17E-04	5.77E-03	1.63E-04	7.32E-06	6.26E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	7.2E-08	1.7E-06	9.0E-07	8.2E-07	2.5E-07	3.8E-06
619	UCART1	593607.6	4123439.92	593607.59, 4123439.92	1.70201	4.65927	2.37203	0.01714	2.35E-04	3.60E-03	1.85E-04	6.52E-06	4.02E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.7E-08	1.1E-06	5.8E-07	5.2E-07	1.6E-07	2.4E-06
620	UCART1	593647.6	4123439.92	593647.59, 4123439.92	1.31542	3.15313	2.713	0.03135	1.82E-04	2.43E-03	2.11E-04	1.19E-05	2.84E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.3E-08	7.9E-07	4.1E-07	3.7E-07	1.1E-07	1.7E-06
621	UCART1	593687.6	4123439.92	593687.59, 4123439.92	1.05056	2.27085	2.55909	0.02016	1.45E-04	1.75E-03	1.99E-04	7.67E-06	2.11E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.4E-08	5.9E-07	3.0E-07	2.7E-07	8.3E-08	1.3E-06
622	UCART1	593727.6	4123439.92	593727.59, 4123439.92	0.85886	1.70836	1.60705	0.02032	1.19E-04	1.32E-03	1.25E-04	7.73E-06	1.57E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.8E-08	4.4E-07	2.3E-07	2.0E-07	6.2E-08	9.5E-07
623	UCART1	593767.6	4123439.92	593767.59, 4123439.92	0.71641	1.33113	1.059	0.01682	9.91E-05	1.03E-03	8.24E-05	6.40E-06	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.8E-08	7.3E-07
624	UCART1	593807.6	4123439.92	593807.59, 4123439.92	0.60824	1.06779	0.77605	0.01451	8.41E-05	8.24E-04	6.04E-05	5.52E-06	9.74E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
625	UCART1	593847.6	4123439.92	593847.59, 4123439.92	0.52457	0.8778	0.60802	0.01241	7.25E-05	6.78E-04	4.73E-05	4.72E-06	8.02E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.2E-07	1.2E-07	1.0E-07	3.2E-08	4.8E-07
626	UCART1	593887.6	4123439.92	593887.59, 4123439.92	0.45829	0.73604	0.49704	0.01057	6.34E-05	5.68E-04	3.87E-05	4.02E-06	6.74E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	1.9E-07	9.7E-08	8.8E-08	2.7E-08	4.1E-07
627	UCART1	593927.6	4123439.92	593927.59, 4123439.92	0.40473	0.62731	0.41838	0.00896	5.60E-05	4.84E-04	3.25E-05	3.41E-06	5.76E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	1.6E-07	8.3E-08	7.5E-08	2.3E-08	3.5E-07
628	UCART1	593967.6	4123439.92	593967.59, 4123439.92	0.36037	0.54143	0.35945	0.00756	4.98E-05	4.18E-04	2.80E-05	2.88E-06	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
629	UCART1	594007.6	4123439.92	594007.59, 4123439.92	0.3233	0.47259	0.31395	0.00639	4.47E-05	3.65E-04	2.44E-05	2.43E-06	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
630	UCART1	592567.6	4123479.92	592567.59, 4123479.92	0.27728	0.20093	0.84672	0.00037	3.83E-05	1.55E-04	6.59E-05	1.41E-07	2.59E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	7.2E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
631	UCART1	592607.6	4123479.92	592607.59, 4123479.92	0.31099	0.21965	1.08815	0.0004	4.30E-05	1.70E-04	8.47E-05	1.52E-07	2.97E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.3E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
632	UCART1	592647.6	4123479.92	592647.59, 4123479.92	0.35263	0.24198	1.4218	0.00045	4.88E-05	1.87E-04	1.11E-04	1.71E-07	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
633	UCART1	592687.6	4123479.92	592687.59, 4123479.92	0.40375	0.26832	1.88855	0.00049	5.58E-05	2.07E-04	1.47E-04	1.86E-07	4.10E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
634	UCART1	592727.6	4123479.92	592727.59, 4123479.92	0.46733	0.29968	2.55857	0.00054	6.46E-05	2.31E-04	1.99E-04	2.05E-07	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.5E-08	2.0E-08	3.0E-07
635	UCART1	592767.6	4123479.92	592767.59, 4123479.92	0.54736	0.33729	3.5823	0.0006	7.57E-05	2.60E-04	2.79E-04	2.28E-07	6.15E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
636	UCART1	592807.6	4123479.92	592807.59, 4123479.92	0.64997	0.38331	5.31142	0.00067	8.99E-05	2.96E-04	4.13E-04	2.55E-07	7.99E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.2E-08	4.8E-07
637	UCART1	592847.6	4123479.92	592847.59, 4123479.92	0.78017	0.43814	9.1893	0.00074	1.08E-04	3.38E-04	7.15E-04	2.82E-07	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
638	UCART1	592887.6	4123479.92	592887.59, 4123479.92	0.95118	0.5069	11.42094	0.00083	1.32E-04	3.91E-04	8.88E-04	3.16E-07	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.6E-08	8.5E-07
639	UCART1	592927.6	4123479.92	592927.59, 4123479.92	1.18584	0.59807	23.91541	0.00094	1.64E-04	4.62E-04	1.86E-03	3.58E-07	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	6.9E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
640	UCART1	592967.6	4123479.92	592967.59, 4123479.92	1.50628	0.7182	19.31054	0.00108	2.08E-04	5.55E-04	1.50E-03	4.11E-07	2.27E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.6E-08	6.3E-07	3.3E-07	3.0E-07	8.9E-08	1.4E-06
641	UCART1	593007.6	4123479.92	593007.59, 4123479.92	1.95395	0.88268	16.43861	0.00124	2.70E-04	6.82E-04	1.28E-03	4.72E-07	2.23E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.3E-06
642	UCART1	593047.6	4123479.92	593047.59, 4123479.92	2.58773	1.11479	14.78003	0.00144	3.58E-04	8.61E-04	1.15E-03	5.48E-07	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
643	UCART1	593087.6	4123479.92	593087.59, 4123479.92	3.50291	1.45747	7.50082	0.00169	4.84E-04	1.13E-03	5.84E-04	6.43E-07	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.2E-07	2.9E-07	8.7E-08	1.3E-06
644	UCART1	593127.6	4123479.92	593127.59, 4123479.92	4.86201	1.99378	4.55728	0.002	6.72E-04	1.54E-03	3.55E-04	7.61E-07	2.57E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.0E-08	7.2E-07	3.7E-07	3.3E-07	1.0E-07	1.6E-06
645	UCART1	593167.6	4123479.92	593167.59, 4123479.92	6.96555	2.88695	3.2623	0.00238	9.63E-04	2.23E-03	2.54E-04	9.06E-07	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.0E-08	9.6E-07	5.0E-07	4.5E-07	1.4E-07	2.1E-06
646	UCART1	593207.6	4123479.92	593207.59, 4123479.92	10.56227	4.55588	2.57831	0.003	1.46E-03	3.52E-03	2.01E-04	1.14E-06	5.18E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.0E-08	1.4E-06	7.4E-07	6.8E-07	2.0E-07	3.1E-06
647	UCART1	593247.6	4123479.92	593247.59, 4123479.92	17.70792	8.15461	2.17595	0.00376	2.45E-03	6.30E-03	1.69E-04	1.43E-06	8.92E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	2.5E-06	1.3E-06	1.2E-06	3.5E-07	5.4E-06
648	UCART1	593287.6	4123479.92	593287.59, 4123479.92	30.46421	17.89867	1.92131	0.00473	4.21E-03	1.38E-02	1.49E-04	1.80E-06	1.82E-02	6.3E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.1E-07	5.1E-06	2.6E-06	2.4E-06	7.2E-07	1.1E-05
649	UCART1	593327.6	4123479.92	593327.59, 4123479.92	32.07549	55.7524	1.7522	0.00612	4.44E-03	4.30E-02	1.36E-04	2.33E-06	4.76E-02	1.6E-05	5.0E-05	2.9E-05	2.6E-05	1.2E-05	5.5E-07	1.3E-05	6.8E-06	6.2E-06	1.9E-06	2.9E-05
650	UCART1	593367.6	4123479.92	593367.59, 4123479.92	16.67079	200.65174	1.63873	0.00797	2.31E-03	1.55E-01	1.27E-04	3.03E-06	1.57E-01	5.4E-05	1.6E-04	9.5E-05	8.6E-05	3.9E-05	1.8E-06	4.4E-05	2.3E-05	2.1E-05	6.2E-06	9.5E-05
651	UCART1	593407.6	4123479.92	593407.59, 4123479.92	7.75329	73.25697	1.56297	0.01021	1.07E-03	5.66E-02	1.22E-04	3.89E-06	5.78E-02	2.0E-05	6.0E-05	3.5E-05	3.2E-05	1.4E-05	6.7E-07	1.6E-05	8.3E-06	7.5E-06	2.3E-06	3.5E-05
652	UCART1	593447.6	4123479.92	593447.59, 4123479.92	4.54421	22.94962	1.51648	0.0123	6.28E-04	1.77E-02	1.18E-04	4.68E-06	1.85E-02	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.1E-07	5.2E-06	2.7E-06	2.4E-06	7.3E-07	1.1E-05
653	UCART1	593487.6	4123479.92	593487.59, 4123479.92	3.03624	10.87988	1.50019	0.01353	4.20E-04	8.40E-03	1.17E-04	5.15E-06	8.94E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	2.5E-06	1.3E-06	1.2E-06	3.5E-07	5.4E-06
654	UCART1	593527.6	4123479.92	593527.59, 4123479.92	2.18845	6.30542	1.51375	0.01329	3.03E-04	4.87E-03	1.18E-04	5.06E-06	5.29E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.1E-08	1.5E-06	7.6E-07	6.9E-07	2.1E-07	3.2E-06
655	UCART1	593567.6	4123479.92	593567.59, 4123479.92	1.65737	4.08883	1.54582	0.01493	2.29E-04	3.16E-03	1.20E-04	5.68E-06	3.51E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.1E-08	9.8E-07	5.0E-07	4.6E-07	1.4E-07	2.1E-06
656	UCART1	593607.6	4123479.92	593607.59, 4123479.92	1.29955	2.85079	1.55669	0.01242	1.80E-04	2.20E-03	1.21E-04	4.73E-06	2.51E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.0E-07	3.6E-07	3.3E-07	9.9E-08	1.5E-06
657	UCART1	593647.6	4123479.92	593647.59, 4123479.92	1.04737	2.09575	1.47205	0.01036	1.45E-04	1.62E-03	1.15E-04	3.94E-06	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.4E-08	1.1E-06
658	UCART1	593687.6	4123479.92	593687.59, 4123479.92	0.86401	1.60629	1.26022	0.00867	1.19E-04	1.24E-03	9.80E-05	3.30E-06	1.46E-03	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.8E-07
659	UCART1	593727.6	4123479.92	593727.59, 4123479.92	0.72599	1.27092	0.96719	0.00881	1.00E-04	9.81E-04	7.52E-05	3.35E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
660	UCART1	593767.6	4123479.92	593767.59, 4123479.92	0.62048	1.03341	0.75525	0.00876	8.58E-05	7.98E-04	5.88E-05	3.33E-06	9.46E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	2.6E-07	1.4E-07	1.2E-07	3.7E-08	5.7E-07
661	UCART1	593807.6	4123479.92	593807.59, 4123479.92	0.53745	0.85819	0.61256	0.00829	7.43E-05	6.63E-04	4.77E-05	3.15E-06	7.88E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
662	UCART1	593847.6	4123479.92	593847.59, 4123479.92	0.46926	0.72255	0.50758	0.00767	6.49E-05	5.58E-04	3.95E-05	2.92E-06	6.65E-04	2.3E-07	7.0E-07	4.0E-07	3.6E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
663	UCART1	593887.6	4123479.92	593887.59, 4123479.92	0.41315	0.61639	0.42916	0.00699	5.71E-05	4.76E-04	3.34E-05	2.66E-06	5.69E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.6E-09	1.6E-07	8.2E-08	7.4E-08	2.2E-08	3.4E-07
664	UCART1	593927.6	4123479.92	593927.59, 4123479.92	0.36696	0.53258	0.36938	0.00615	5.08E-05	4.11E-04	2.87E-05	2.34E-06	4.93E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.4E-08	1.9E-08	3.0E-07
665	UCART1	593967.6	4123479.92	593967.59, 4123479.92	0.32825	0.46495	0.32234	0.00537	4.54E-05	3.59E-04	2.51E-05	2.04E-06	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
666	UCART1	594007.6	4123479.92	594007.59, 4123479.92	0.29599	0.4103	0.28507	0.0047	4.09E-05	3.17E-04	2.22E-05	1.79E-06	3.82E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
667	UCART1	592567.6	4123519.92	592567.59, 4123519.92	0.30659	0.21423	0.93401	0.00041	4.24E-05	1.65E-04	7.27E-05	1.56E-07	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	7.8E-08	4.0E-08	3.7E-08	1.1E-08	1.7E-07

OPERATIONAL RISK (UNMITIGATED)

668	UCART1	592607.6	4123519.92	592607.59, 4123519.92	0.34695	0.23594	1.16816	0.00045	4.80E-05	1.82E-04	9.09E-05	1.71E-07	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
669	UCART1	592647.6	4123519.92	592647.59, 4123519.92	0.39566	0.26106	1.48138	0.00049	5.47E-05	2.02E-04	1.15E-04	1.86E-07	3.72E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
670	UCART1	592687.6	4123519.92	592687.59, 4123519.92	0.45584	0.29126	1.9002	0.00054	6.30E-05	2.25E-04	1.48E-04	2.05E-07	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
671	UCART1	592727.6	4123519.92	592727.59, 4123519.92	0.53068	0.32771	2.48264	0.0006	7.34E-05	2.53E-04	1.93E-04	2.28E-07	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	6.0E-09	1.5E-07	7.5E-08	6.8E-08	2.1E-08	3.1E-07
672	UCART1	592767.6	4123519.92	592767.59, 4123519.92	0.6247	0.37209	3.34413	0.00066	8.64E-05	2.87E-04	2.60E-04	2.51E-07	6.34E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	1.8E-07	9.1E-08	8.3E-08	2.5E-08	3.8E-07
673	UCART1	592807.6	4123519.92	592807.59, 4123519.92	0.74424	0.42709	4.71863	0.00074	1.03E-04	3.30E-04	3.67E-04	2.82E-07	8.00E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.2E-07	1.0E-07	3.2E-08	4.8E-07
674	UCART1	592847.6	4123519.92	592847.59, 4123519.92	0.89775	0.49608	7.16855	0.00083	1.24E-04	3.83E-04	5.58E-04	3.16E-07	1.07E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.4E-07
675	UCART1	592887.6	4123519.92	592887.59, 4123519.92	1.0924	0.58125	12.76505	0.00094	1.51E-04	4.49E-04	9.93E-04	3.58E-07	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.4E-07	2.3E-07	2.1E-07	6.3E-08	9.6E-07
676	UCART1	592927.6	4123519.92	592927.59, 4123519.92	1.35089	0.69608	10.64059	0.00107	1.87E-04	5.37E-04	8.28E-04	4.07E-07	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.4E-07
677	UCART1	592967.6	4123519.92	592967.59, 4123519.92	1.6972	0.85416	15.41419	0.00123	2.35E-04	6.59E-04	1.20E-03	4.68E-07	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.3E-08	1.3E-06
678	UCART1	593007.6	4123519.92	593007.59, 4123519.92	2.16305	1.07768	10.27911	0.00143	2.99E-04	8.32E-04	8.00E-04	5.44E-07	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
679	UCART1	593047.6	4123519.92	593047.59, 4123519.92	2.79168	1.40442	6.68198	0.00167	3.86E-04	1.08E-03	5.20E-04	6.35E-07	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	7.9E-08	1.2E-06
680	UCART1	593087.6	4123519.92	593087.59, 4123519.92	3.64473	1.90598	4.33326	0.00208	5.04E-04	1.47E-03	3.37E-04	7.91E-07	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.3E-07	3.0E-07	9.1E-08	1.4E-06
681	UCART1	593127.6	4123519.92	593127.59, 4123519.92	4.80641	2.71054	3.0435	0.00253	6.65E-04	2.09E-03	2.37E-04	9.63E-07	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
682	UCART1	593167.6	4123519.92	593167.59, 4123519.92	6.39457	4.08874	2.3494	0.0031	8.84E-04	3.16E-03	1.83E-04	1.18E-06	4.23E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.1E-07	5.5E-07	1.7E-07	2.6E-06
683	UCART1	593207.6	4123519.92	593207.59, 4123519.92	8.48681	6.63983	1.94819	0.00382	1.17E-03	5.13E-03	1.52E-04	1.45E-06	6.45E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.5E-08	1.8E-06	9.3E-07	8.4E-07	2.5E-07	3.9E-06
684	UCART1	593247.6	4123519.92	593247.59, 4123519.92	10.61328	11.61643	1.69444	0.00479	1.47E-03	8.97E-03	1.32E-04	1.82E-06	1.06E-02	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.2E-07	3.0E-06	1.5E-06	1.4E-06	4.2E-07	6.4E-06
685	UCART1	593287.6	4123519.92	593287.59, 4123519.92	11.26934	20.98601	1.52473	0.00593	1.56E-03	1.62E-02	1.19E-04	2.26E-06	1.79E-02	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	2.1E-07	5.0E-06	2.6E-06	2.3E-06	7.1E-07	1.1E-05
686	UCART1	593327.6	4123519.92	593327.59, 4123519.92	9.27361	32.5367	1.40599	0.00731	1.28E-03	2.51E-02	1.09E-04	2.78E-06	2.65E-02	9.2E-06	2.8E-05	1.6E-05	1.5E-05	6.6E-06	3.1E-07	7.4E-06	3.8E-06	3.5E-06	1.0E-06	1.6E-05
687	UCART1	593367.6	4123519.92	593367.59, 4123519.92	6.34028	32.56764	1.32288	0.0088	8.77E-04	2.51E-02	1.03E-04	3.35E-06	2.61E-02	9.0E-06	2.7E-05	1.6E-05	1.4E-05	6.5E-06	3.0E-07	7.3E-06	3.8E-06	3.4E-06	1.0E-06	1.6E-05
688	UCART1	593407.6	4123519.92	593407.59, 4123519.92	4.19903	19.27141	1.26697	0.00997	5.81E-04	1.49E-02	9.86E-05	3.79E-06	1.56E-02	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	1.8E-07	4.3E-06	2.2E-06	2.0E-06	6.1E-07	9.4E-06
689	UCART1	593447.6	4123519.92	593447.59, 4123519.92	2.95656	10.62043	1.22979	0.01022	4.09E-04	8.20E-03	9.57E-05	3.89E-06	8.71E-03	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	1.0E-07	2.4E-06	1.3E-06	1.1E-06	3.4E-07	5.3E-06
690	UCART1	593487.6	4123519.92	593487.59, 4123519.92	2.18554	6.39381	1.20456	0.00939	3.02E-04	4.94E-03	9.37E-05	3.57E-06	5.34E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	7.7E-07	7.0E-07	2.1E-07	3.2E-06
691	UCART1	593527.6	4123519.92	593527.59, 4123519.92	1.67854	4.17277	1.18263	0.01128	2.32E-04	3.22E-03	9.20E-05	4.29E-06	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.1E-08	9.9E-07	5.1E-07	4.6E-07	1.4E-07	2.1E-06
692	UCART1	593567.6	4123519.92	593567.59, 4123519.92	1.33061	2.91448	1.15083	0.01433	1.84E-04	2.25E-03	8.95E-05	5.45E-06	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.1E-07	3.6E-07	3.3E-07	1.0E-07	1.5E-06
693	UCART1	593607.6	4123519.92	593607.59, 4123519.92	1.08259	2.1475	1.09181	0.01194	1.50E-04	1.66E-03	8.49E-05	4.54E-06	1.90E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.1E-06
694	UCART1	593647.6	4123519.92	593647.59, 4123519.92	0.89833	1.64627	0.99595	0.01008	1.24E-04	1.27E-03	7.75E-05	3.84E-06	1.48E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
695	UCART1	593687.6	4123519.92	593687.59, 4123519.92	0.75558	1.29797	0.86168	0.00827	1.04E-04	1.00E-03	6.70E-05	3.15E-06	1.18E-03	4.1E-07	1.2E-06	7.1E-07	6.5E-07	2.9E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.6E-08	7.1E-07
696	UCART1	593727.6	4123519.92	593727.59, 4123519.92	0.64334	1.04811	0.70679	0.0073	8.90E-05	8.09E-04	5.50E-05	2.78E-06	9.56E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.2E-07	3.8E-08	5.8E-07
697	UCART1	593767.6	4123519.92	593767.59, 4123519.92	0.55471	0.86507	0.58408	0.00649	7.67E-05	6.68E-04	4.54E-05	2.47E-06	7.93E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
698	UCART1	593807.6	4123519.92	593807.59, 4123519.92	0.48218	0.72477	0.49344	0.0058	6.67E-05	5.60E-04	3.84E-05	2.21E-06	6.67E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
699	UCART1	593847.6	4123519.92	593847.59, 4123519.92	0.42439	0.61844	0.42465	0.00521	5.87E-05	4.77E-04	3.30E-05	1.98E-06	5.71E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	1.6E-07	8.2E-08	7.4E-08	2.3E-08	3.5E-07
700	UCART1	593887.6	4123519.92	593887.59, 4123519.92	0.37593	0.53332	0.36926	0.00472	5.20E-05	4.12E-04	2.87E-05	1.80E-06	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.4E-08	2.0E-08	3.0E-07
701	UCART1	593927.6	4123519.92	593927.59, 4123519.92	0.33635	0.46623	0.32555	0.0042	4.65E-05	3.60E-04	2.53E-05	1.60E-06	4.33E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
702	UCART1	593967.6	4123519.92	593967.59, 4123519.92	0.30241	0.41068	0.28905	0.00371	4.18E-05	3.17E-04	2.25E-05	1.41E-06	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
703	UCART1	594007.6	4123519.92	594007.59, 4123519.92	0.2741	0.36557	0.25928	0.00338	3.79E-05	2.82E-04	2.02E-05	1.29E-06	3.42E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	9.5E-08	4.9E-08	4.5E-08	1.3E-08	2.1E-07
704	UCART1	592567.6	4123559.92	592567.59, 4123559.92	0.33999	0.23044	1.0005	0.00044	4.70E-05	1.78E-04	7.78E-05	1.67E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.5E-08	4.4E-08	3.9E-08	1.2E-08	1.8E-07
705	UCART1	592607.6	4123559.92	592607.59, 4123559.92	0.38725	0.2558	1.2228	0.00048	5.36E-05	1.98E-04	9.51E-05	1.83E-07	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
706	UCART1	592647.6	4123559.92	592647.59, 4123559.92	0.44403	0.28587	1.50737	0.00053	6.14E-05	2.21E-04	1.17E-04	2.02E-07	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	1.1E-07	5.7E-08	5.2E-08	1.6E-08	2.4E-07
707	UCART1	592687.6	4123559.92	592687.59, 4123559.92	0.51307	0.32165	1.88086	0.00059	7.10E-05	2.48E-04	1.46E-04	2.25E-07	4.66E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	1.3E-07	6.7E-08	6.1E-08	1.8E-08	2.8E-07
708	UCART1	592727.6	4123559.92	592727.59, 4123559.92	0.59818	0.36533	2.38222	0.00065	8.27E-05	2.82E-04	1.85E-04	2.47E-07	5.50E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	7.9E-08	7.2E-08	2.2E-08	3.3E-07
709	UCART1	592767.6	4123559.92	592767.59, 4123559.92	0.7039	0.41933	3.07199	0.00073	9.73E-05	3.24E-04	2.39E-04	2.78E-07	6.60E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.6E-09	1.8E-07	9.5E-08	8.6E-08	2.6E-08	4.0E-07
710	UCART1	592807.6	4123559.92	592807.59, 4123559.92	0.836	0.48732	4.0387	0.00082	1.16E-04	3.76E-04	3.14E-04	3.12E-07	8.06E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
711	UCART1	592847.6	4123559.92	592847.59, 4123559.92	1.00204	0.57444	5.44096	0.00093	1.39E-04	4.44E-04	4.23E-04	3.54E-07	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	4.0E-08	6.1E-07
712	UCART1	592887.6	4123559.92	592887.59, 4123559.92	1.21183	0.68847	7.80385	0.00106	1.68E-04	5.32E-04	6.07E-04	4.03E-07	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.2E-08	7.9E-07
713	UCART1	592927.6	4123559.92	592927.59, 4123559.92	1.47382	0.83965	9.72431	0.00122	2.04E-04	6.48E-04	7.56E-04	4.64E-07	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.4E-08	9.7E-07
714	UCART1	592967.6	4123559.92	592967.59, 4123559.92	1.79922	1.04436	16.87851	0.00149	2.49E-04	8.06E-04	1.31E-03	5.67E-07	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
715	UCART1	593007.6	4123559.92	593007.59, 4123559.92	2.20463	1.33084	6.95133	0.00173	3.05E-04	1.03E-03	5.41E-04	6.58E-07	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.2E-07	2.7E-07	2.4E-07	7.4E-08	1.1E-06
716	UCART1	593047.6	4123559.92	593047.59, 4123559.92	2.71886	1.75103	3.80861	0.00209	3.76E-04	1.35E-03	2.96E-04	7.95E-07	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.3E-08	5.7E-07	2.9E-07	2.6E-07	8.0E-08	1.2E-06
717	UCART1	593087.6	4123559.92	593087.59, 4123559.92	3.35502	2.38329	2.66313	0.00247	4.64E-04	1.84E-03	2.07E-04	9.40E-07	2.51E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.0E-07	3.6E-07	3.3E-07	9.9E-08	1.5E-06
718	UCART1	593127.6	4123559.92	593127.59, 4123559.92	4.1075	3.35688	2.07458	0.00299	5.68E-04	2.59E-03	1.61E-04	1.14E-06	3.32E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.8E-08	9.3E-07	4.8E-07	4.3E-07	1.3E-07	2.0E-06
719	UCART1	593167.6	4123559.92	593167.59, 4123559.92	4.91613	4.87054	1.72726	0.00365	6.80E-04	3.76E-03	1.34E-04	1.39E-06	4.58E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.3E-08	1.3E-06	6.6E-07	6.0E-07	1.8E-07	2.8E-06
720	UCART1	593207.6	4123559.92	593207.59, 4123559.92	5.60836	7.16251	1.50384	0.0044	7.76E-04	5.53E-03	1.17E-04	1.67E-06	6.42E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.4E-08	1.8E-06	9.2E-07	8.4E-07	2.5E-07	3.9E-06
721	UCART1	593247.6	4123559.92	593247.59, 4123559.92	5.91296	10.2584	1.35119	0.00525	8.18E-04	7.92E-03	1.05E-04	2.00E-06	8.85E-03	3.1E-06	9.2E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	2.5E-06	1.3E-06	1.2E-06	3.5E-07	5.3E-06
722	UCART1	593287.6	4123559.92	593287.59, 4123559.92	5.62391	13.2479	1.2424	0.00614	7.78E-04	1.02E-02	9.67E-05	2.34E-06	1.11E-02	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.3E-07	3.1E-06	1.6E-06	1.4E-06	4.4E-07	6.7E-06
723	UCART1	593327.6	4123559.92	593327.59, 4123559.92	4.75515	14.20621	1.16238	0.00702	6.58E-04	1.10E-02	9.04E-05	2.67E-06	1.17E-02	4.1E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.4E-07	3.3E-06	1.7E-06	1.5E-06	4.6E-07	7.1E-06
724	UCART1	593367.6	4123559.92	593367.59, 4123559.92	3.64355	12.7094	1.10167	0.00757	5.04E-04	9.81E-03	8.57E-05	2.88E-06	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.2E-07	2.9E-06	1.5E-06	1.4E-06	4.1E-07	6.3E-06
725	UCART1	593407.6	4123559.92	593407.59, 4123559.92	2.72603	8.93046	1.05455	0.00725	3.77E-04	6.90E-03	8.20E-05	2.76E-06	7.36E-03	2.5E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	8.5E-08	2.1E-06	1.1E-06	9.6E-07	2.9E-07	4.4E-06
726	UCART1	593447.6	4123559.92	593447.59, 4123559.92	2.10033	5.98111	1.01526	0.00709	2.90E-04	4.62E-03	7.90E-05	2.70E-06	4.99E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.8E-08	1.4E-06	7.2E-07	6.5E-07	2.0E-07	3.0E-06
727	UCART1	593487.6	4123559.92	593487.59, 4123559.92	1.65997	4.19819	0.97744	0.00823	2.30E-04	3.24E-03	7.60E-05	3.13E-06	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.1E-08	9.9E-07	5.1E-07	4.6E-07	1.4E-07	2.1E-06
728	UCART1	593527.6	4123559.92	593527.59, 4123559.92	1.34003	3.04376	0.93517	0.01145	1.85E-04	2.35E-03	7.28E-05	4.36E-06	2.61E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.3E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
729	UCART1	593567.6	4123559.92	593567.59, 4123559.92	1.10148	2.27511	0.88228	0.01272	1.52E-04	1.76E-03	6.86E-05	4.84E-06	1.98E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
730	UCART1	593607.6	4123559.92	593607.59, 4123559.92	0.91629	1.739	0.81409	0.01053	1.27E-04	1.34E-03	6.33E-05	4.01E-06	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
731	UCART1	593647.6	4123559.92	593647.59, 4123559.92	0.77349	1.36537	0.73511	0.00879	1.07E-04	1.05E-03	5.72E-05	3.34E-06	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.8E-08	7.4E-07
732	UCART1	593687.6	4123559.92	593687.59, 4123559.92	0.6611	1.09777	0.64442	0.00714	9.14E-05	8.48E-04	5.01E-05	2.72E-06	9.92E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
733	UCART1	593727.6	4123559.92	593727.59, 4123559.92	0.57105	0.90094	0.55036	0.00611	7.90E-05	6.96E-04	4.28E-05	2.32E-06	8.20E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	5.0E-07
734	UCART1	593767.6	4123559.92	593767.59, 4123559.92	0.49797	0.7528	0.47187	0.00523	6.89E-05	5.81E-04	3.67E-05	1.99E-06	6.89E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	9.9E-08	9.0E-08	2.7E-08	4.2E-07
735	UCART1	593807.6	4123559.92	593807.59, 4123559.92	0.43712	0.63745	0.41069	0.00456	6.05E-05	4.92E-04	3.19E-05	1.74E-06	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
736	UCART1	593847.6	4123559.92	593847.59, 4123559.92	0.38803	0.54916	0.36261	0.00405	5.37E-05	4.24E-04	2.82E-05	1.54E-06	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
737	UCART1	593887.6	4123559.92	593887.59, 4123559.92	0.34615	0.4774	0.32196	0.00357	4.79E-05	3.69E-04	2.50E-05	1.36E-06	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	1.2E-07	6.4E-08	5.8E-08	1.7E-08	2.7E-07
738	UCART1	593927.6	4123559.92	593927.59, 4123559.92	0.3115	0.42027	0.28875	0.00316	4.31E-05	3.24E-04	2.25E-05	1.20E-06	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
739	UCART1	593967.6	4123559.92	593967.59, 4123559.92	0.28158	0.37263	0.2603	0.00288	3.89E-05	2.88E-04	2.02E-05	1.10E-06	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
740	UCART1	594007.6	4123559.92	594007.59, 4123559.92	0.25639	0.33364	0.23647	0.00259	3.55E-05	2.58E-04	1.84E-05	9.86E-07	3.12E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
741	UCART1	592567.6	4123599.92	592567.59, 4123599.92	0.37785	0.25241	1.03881	0.00047	5.23E-05	1.95E-04	8.08E-05	1.79E-07	3.28E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
742	UCART1	592607.6	4123599.92	592607.59, 4123599.92	0.43063	0.28211	1.24442	0.00052	5.96E-05	2.18E-04	9.68E-05	1.98E-07	3.74E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.3E-09	1.0E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
743	UCART1	592647.6	4123599.92	592647.59, 4123599.92	0.49367	0.31753	1.50053	0.00057	6.83E-05	2.45E-04	1.17E-04	2.17E-07	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
744	UCART1	592687.6	4123599.92	592687.59, 4123599.92	0.56987	0.36071	1.82104	0.00064	7.88E-05	2.79E-04	1.42E-04	2.44E-07	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
745	UCART1	592727.6	4123599.92	592727.59, 4123599.92	0.66233	0.41386	2.22615	0.00071	9.16E-05	3.20E-04	1.73E-04	2.70E-07	5.85E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
746	UCART1	592767.6	4123599.92	592767.59, 4123599.92	0.77514	0.48075	2.7315	0.0008	1.07E-04	3.71E-04	2.12E-04	3.04E-07	6.91E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	9.9E-08	9.0E-08	2.7E-08	4.2E-07
747	UCART1	592807.6	4123599.92	592807.59, 4123599.92	0.90873	0.56369	3.27893	0.00091	1.26E-04	4.35E-04	2.55E-04	3.46E-07	8.16E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	9.4E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
748	UCART1	592847.6	4123599.92	592847.59, 4123599.92	1.06628	0.66746	3.94134	0.00102	1.47E-04	5.15E-04	3.07E-04	3.88E-07	9.70E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
749	UCART1	592887.6	4123599.92	592887.59, 4123599.92	1.25248	0.80044	4.89501	0.00123	1.73E-04	6.18E-04	3.81E-04	4.68E-07	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.4E-08	3.3E-07	1.7E-07	1.5E-07	4.6E-08	7.1E-07
750	UCART1	592927.6	4123599.92	592927.59, 4123599.92	1.47844	0.97807	6.44102	0.00144	2.04E-04	7.55E-04	5.01E-04	5.48E-07	1.46E-03	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.8E-07
751	UCART1	592967.6	4123599.92	592967.59, 4123599.92	1.75531	1.22252	5.35621	0.0017	2.43E-04	9.44E-04	4.17E-04	6.47E-07	1.60E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.3E-08	9.7E-07
752	UCART1	593007.6	4123599.92	593007.59, 4123599.92	2.08661	1.56219	3.02701	0.00199	2.89E-04	1.21E-03	2.35E-04	7.57E-07	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.3E-07	6.8E-08	1.0E-06

OPERATIONAL RISK (UNMITIGATED)

753	UCART1	593047.6	4123599.92	593047.59, 4123599.92	2.46733	2.0359	2.24462	0.00237	3.41E-04	1.57E-03	1.75E-04	9.02E-07	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.2E-08	1.3E-06
754	UCART1	593087.6	4123599.92	593087.59, 4123599.92	2.88134	2.69653	1.81956	0.00283	3.98E-04	2.08E-03	1.42E-04	1.08E-06	2.62E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.3E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
755	UCART1	593127.6	4123599.92	593127.59, 4123599.92	3.2863	3.59865	1.54386	0.00333	4.54E-04	2.78E-03	1.20E-04	1.27E-06	3.35E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.4E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
756	UCART1	593167.6	4123599.92	593167.59, 4123599.92	3.6122	4.76575	1.35577	0.00387	5.00E-04	3.68E-03	1.05E-04	1.47E-06	4.29E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.0E-08	1.2E-06	6.2E-07	5.6E-07	1.7E-07	2.6E-06
757	UCART1	593207.6	4123599.92	593207.59, 4123599.92	3.78596	6.11547	1.22254	0.00442	5.24E-04	4.72E-03	9.51E-05	1.68E-06	5.34E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	7.7E-07	7.0E-07	2.1E-07	3.2E-06
758	UCART1	593247.6	4123599.92	593247.59, 4123599.92	3.75607	7.32099	1.12376	0.00494	5.19E-04	5.65E-03	8.74E-05	1.88E-06	6.26E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	7.2E-08	1.7E-06	9.0E-07	8.2E-07	2.5E-07	3.8E-06
759	UCART1	593287.6	4123599.92	593287.59, 4123599.92	3.49878	7.88133	1.04681	0.00523	4.84E-04	6.09E-03	8.14E-05	1.99E-06	6.65E-03	2.3E-06	7.0E-06	4.0E-06	3.6E-06	1.7E-06	7.7E-08	1.9E-06	9.6E-07	8.7E-07	2.6E-07	4.0E-06
760	UCART1	593327.6	4123599.92	593327.59, 4123599.92	3.02066	7.69207	0.98483	0.00538	4.18E-04	5.94E-03	7.66E-05	2.05E-06	6.44E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.4E-08	1.8E-06	9.3E-07	8.4E-07	2.5E-07	3.9E-06
761	UCART1	593367.6	4123599.92	593367.59, 4123599.92	2.44185	6.83179	0.9337	0.00546	3.38E-04	5.27E-03	7.26E-05	2.08E-06	5.69E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.2E-07	7.4E-07	2.2E-07	3.4E-06
762	UCART1	593407.6	4123599.92	593407.59, 4123599.92	1.93631	5.19643	0.88807	0.00536	2.68E-04	4.01E-03	6.91E-05	2.04E-06	4.35E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.0E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.6E-06
763	UCART1	593447.6	4123599.92	593447.59, 4123599.92	1.55965	3.77603	0.8438	0.00612	2.16E-04	2.92E-03	6.56E-05	2.33E-06	3.20E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	3.7E-08	8.9E-07	4.6E-07	4.2E-07	1.3E-07	1.9E-06
764	UCART1	593487.6	4123599.92	593487.59, 4123599.92	1.2854	2.86775	0.79956	0.00839	1.78E-04	2.21E-03	6.22E-05	3.19E-06	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	2.8E-08	6.9E-07	3.5E-07	3.2E-07	9.7E-08	1.5E-06
765	UCART1	593527.6	4123599.92	593527.59, 4123599.92	1.0713	2.21467	0.75022	0.01056	1.48E-04	1.71E-03	5.84E-05	4.02E-06	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
766	UCART1	593567.6	4123599.92	593567.59, 4123599.92	0.90678	1.7511	0.69777	0.01039	1.25E-04	1.35E-03	5.43E-05	3.95E-06	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.8E-08	4.3E-07	2.2E-07	2.0E-07	6.1E-08	9.3E-07
767	UCART1	593607.6	4123599.92	593607.59, 4123599.92	0.77295	1.40141	0.64014	0.00839	1.07E-04	1.08E-03	4.98E-05	3.19E-06	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
768	UCART1	593647.6	4123599.92	593647.59, 4123599.92	0.66716	1.14242	0.58023	0.00729	9.23E-05	8.82E-04	4.51E-05	2.77E-06	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.0E-08	6.2E-07
769	UCART1	593687.6	4123599.92	593687.59, 4123599.92	0.58103	0.9446	0.51593	0.00613	8.04E-05	7.29E-04	4.01E-05	2.33E-06	8.52E-04	2.9E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.1E-07
770	UCART1	593727.6	4123599.92	593727.59, 4123599.92	0.50886	0.78957	0.45156	0.00513	7.04E-05	6.10E-04	3.51E-05	1.95E-06	7.17E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.3E-08	2.8E-08	4.3E-07
771	UCART1	593767.6	4123599.92	593767.59, 4123599.92	0.44907	0.66903	0.39642	0.00437	6.21E-05	5.17E-04	3.08E-05	1.66E-06	6.11E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
772	UCART1	593807.6	4123599.92	593807.59, 4123599.92	0.39896	0.5739	0.3523	0.00377	5.52E-05	4.43E-04	2.74E-05	1.43E-06	5.27E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
773	UCART1	593847.6	4123599.92	593847.59, 4123599.92	0.35674	0.49797	0.31605	0.00332	4.93E-05	3.84E-04	2.46E-05	1.26E-06	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	1.3E-07	6.6E-08	6.0E-08	1.8E-08	2.8E-07
774	UCART1	593887.6	4123599.92	593887.59, 4123599.92	0.32048	0.43588	0.28483	0.00294	4.43E-05	3.37E-04	2.22E-05	1.12E-06	4.04E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.8E-08	5.3E-08	1.6E-08	2.4E-07
775	UCART1	593927.6	4123599.92	593927.59, 4123599.92	0.29039	0.38633	0.2589	0.00261	4.02E-05	2.98E-04	2.01E-05	9.93E-07	3.60E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
776	UCART1	593967.6	4123599.92	593967.59, 4123599.92	0.26373	0.34412	0.23591	0.00231	3.65E-05	2.66E-04	1.84E-05	8.79E-07	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
777	UCART1	594007.6	4123599.92	594007.59, 4123599.92	0.24136	0.3097	0.21661	0.00206	3.34E-05	2.39E-04	1.69E-05	7.84E-07	2.90E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	8.1E-08	4.2E-08	3.8E-08	1.1E-08	1.8E-07
778	UCART1	593087.6	4123639.92	593087.59, 4123639.92	2.42368	2.76888	1.42071	0.00293	3.35E-04	2.14E-03	1.11E-04	1.11E-06	2.58E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.2E-07	3.7E-07	3.4E-07	1.0E-07	1.6E-06
779	UCART1	593127.6	4123639.92	593127.59, 4123639.92	2.62104	3.44482	1.25707	0.0033	3.62E-04	2.66E-03	9.78E-05	1.26E-06	3.12E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.6E-08	8.7E-07	4.5E-07	4.1E-07	1.2E-07	1.9E-06
780	UCART1	593167.6	4123639.92	593167.59, 4123639.92	2.73092	4.15335	1.13305	0.00365	3.78E-04	3.21E-03	8.81E-05	1.39E-06	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	1.0E-06	5.3E-07	4.8E-07	1.5E-07	2.2E-06
781	UCART1	593207.6	4123639.92	593207.59, 4123639.92	2.72709	4.73782	1.03532	0.00381	3.77E-04	3.66E-03	8.05E-05	1.45E-06	4.12E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.8E-08	1.1E-06	5.9E-07	5.4E-07	1.6E-07	2.5E-06
782	UCART1	593247.6	4123639.92	593247.59, 4123639.92	2.62413	5.04059	0.958	0.00395	3.63E-04	3.89E-03	7.45E-05	1.50E-06	4.33E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.0E-08	1.2E-06	6.2E-07	5.6E-07	1.7E-07	2.6E-06
783	UCART1	593287.6	4123639.92	593287.59, 4123639.92	2.41233	4.99927	0.89412	0.00409	3.34E-04	3.86E-03	6.96E-05	1.56E-06	4.26E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.1E-07	5.6E-07	1.7E-07	2.6E-06
784	UCART1	593327.6	4123639.92	593327.59, 4123639.92	2.10264	4.74372	0.84078	0.00404	2.91E-04	3.66E-03	6.54E-05	1.54E-06	4.02E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.6E-08	1.1E-06	5.8E-07	5.2E-07	1.6E-07	2.4E-06
785	UCART1	593367.6	4123639.92	593367.59, 4123639.92	1.74476	4.16614	0.793	0.0041	2.41E-04	3.22E-03	6.17E-05	1.56E-06	3.52E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.1E-08	9.8E-07	5.1E-07	4.6E-07	1.4E-07	2.1E-06
786	UCART1	593407.6	4123639.92	593407.59, 4123639.92	1.43587	3.3263	0.74942	0.00452	1.99E-04	2.57E-03	5.83E-05	1.72E-06	2.83E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.3E-08	7.9E-07	4.1E-07	3.7E-07	1.1E-07	1.7E-06
787	UCART1	593447.6	4123639.92	593447.59, 4123639.92	1.19499	2.56322	0.70599	0.00616	1.65E-04	1.98E-03	5.49E-05	2.34E-06	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.2E-07	2.9E-07	8.7E-08	1.3E-06
788	UCART1	593487.6	4123639.92	593487.59, 4123639.92	1.01359	2.0412	0.66263	0.00824	1.40E-04	1.58E-03	5.15E-05	3.14E-06	1.77E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.0E-08	4.9E-07	2.5E-07	2.3E-07	7.0E-08	1.1E-06
789	UCART1	593527.6	4123639.92	593527.59, 4123639.92	0.86872	1.65532	0.61753	0.00922	1.20E-04	1.28E-03	4.80E-05	3.51E-06	1.45E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.8E-07
790	UCART1	593567.6	4123639.92	593567.59, 4123639.92	0.75148	1.35909	0.57176	0.00839	1.04E-04	1.05E-03	4.45E-05	3.19E-06	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	3.4E-07	1.7E-07	1.6E-07	4.7E-08	7.3E-07
791	UCART1	593607.6	4123639.92	593607.59, 4123639.92	0.65577	1.13122	0.52591	0.00689	9.07E-05	8.73E-04	4.09E-05	2.62E-06	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	2.8E-07	1.4E-07	1.3E-07	4.0E-08	6.1E-07
792	UCART1	593647.6	4123639.92	593647.59, 4123639.92	0.5752	0.94972	0.47796	0.00598	7.95E-05	7.33E-04	3.72E-05	2.28E-06	8.52E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
793	UCART1	593687.6	4123639.92	593687.59, 4123639.92	0.50993	0.80877	0.43021	0.00524	7.05E-05	6.24E-04	3.35E-05	1.99E-06	7.30E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.1E-07	9.5E-08	2.9E-08	4.4E-07
794	UCART1	593727.6	4123639.92	593727.59, 4123639.92	0.45319	0.69161	0.38325	0.0044	6.27E-05	5.34E-04	2.98E-05	1.67E-06	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	7.3E-09	1.8E-07	9.0E-08	8.2E-08	2.5E-08	3.8E-07
795	UCART1	593767.6	4123639.92	593767.59, 4123639.92	0.40552	0.59732	0.34257	0.00371	5.61E-05	4.61E-04	2.66E-05	1.41E-06	5.45E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	1.5E-07	7.8E-08	7.1E-08	2.2E-08	3.3E-07
796	UCART1	593807.6	4123639.92	593807.59, 4123639.92	0.36392	0.519	0.30844	0.00317	5.03E-05	4.01E-04	2.40E-05	1.21E-06	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
797	UCART1	593847.6	4123639.92	593847.59, 4123639.92	0.32864	0.45544	0.28034	0.00279	4.55E-05	3.52E-04	2.18E-05	1.06E-06	4.20E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.0E-08	5.5E-08	1.7E-08	2.5E-07
798	UCART1	593887.6	4123639.92	593887.59, 4123639.92	0.29712	0.40133	0.25524	0.00248	4.11E-05	3.10E-04	1.99E-05	9.44E-07	3.72E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
799	UCART1	593927.6	4123639.92	593927.59, 4123639.92	0.27101	0.35809	0.2343	0.00222	3.75E-05	2.76E-04	1.82E-05	8.45E-07	3.33E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	9.3E-08	4.8E-08	4.3E-08	1.3E-08	2.0E-07
800	UCART1	593967.6	4123639.92	593967.59, 4123639.92	0.24752	0.32071	0.21534	0.00198	3.42E-05	2.48E-04	1.68E-05	7.53E-07	2.99E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
801	UCART1	594007.6	4123639.92	594007.59, 4123639.92	0.2275	0.28979	0.19917	0.00177	3.15E-05	2.24E-04	1.55E-05	6.74E-07	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
802	UCART1	593087.6	4123679.92	593087.59, 4123679.92	2.00336	2.59181	1.15392	0.00258	2.77E-04	2.00E-03	8.98E-05	9.82E-07	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
803	UCART1	593127.6	4123679.92	593127.59, 4123679.92	2.05717	2.97352	1.04008	0.00278	2.85E-04	2.30E-03	8.09E-05	1.06E-06	2.66E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.1E-08	7.4E-07	3.8E-07	3.5E-07	1.1E-07	1.6E-06
804	UCART1	593167.6	4123679.92	593167.59, 4123679.92	2.05427	3.2898	0.94931	0.00292	2.84E-04	2.54E-03	7.39E-05	1.11E-06	2.90E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.4E-08	8.1E-07	4.2E-07	3.8E-07	1.1E-07	1.8E-06
805	UCART1	593207.6	4123679.92	593207.59, 4123679.92	2.00124	3.46081	0.87608	0.00306	2.77E-04	2.67E-03	6.82E-05	1.16E-06	3.02E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
806	UCART1	593247.6	4123679.92	593247.59, 4123679.92	1.9072	3.47382	0.81633	0.00306	2.64E-04	2.68E-03	6.35E-05	1.16E-06	3.01E-03	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
807	UCART1	593287.6	4123679.92	593287.59, 4123679.92	1.75038	3.35818	0.765	0.00312	2.42E-04	2.59E-03	5.95E-05	1.19E-06	2.90E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.3E-08	8.1E-07	4.2E-07	3.8E-07	1.1E-07	1.7E-06
808	UCART1	593327.6	4123679.92	593327.59, 4123679.92	1.54163	3.15669	0.71946	0.00317	2.13E-04	2.44E-03	5.60E-05	1.21E-06	2.71E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.1E-08	7.6E-07	3.9E-07	3.5E-07	1.1E-07	1.6E-06
809	UCART1	593367.6	4123679.92	593367.59, 4123679.92	1.31381	2.79023	0.67772	0.00347	1.82E-04	2.15E-03	5.27E-05	1.32E-06	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
810	UCART1	593407.6	4123679.92	593407.59, 4123679.92	1.10923	2.3016	0.63762	0.00448	1.53E-04	1.78E-03	4.96E-05	1.70E-06	1.98E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
811	UCART1	593447.6	4123679.92	593447.59, 4123679.92	0.94736	1.85514	0.59859	0.00624	1.31E-04	1.43E-03	4.66E-05	2.37E-06	1.61E-03	5.6E-07	1.7E-06	9.8E-07	8.8E-07	4.0E-07	1.9E-08	4.5E-07	2.3E-07	2.1E-07	6.4E-08	9.7E-07
812	UCART1	593487.6	4123679.92	593487.59, 4123679.92	0.81897	1.52062	0.55899	0.00758	1.13E-04	1.17E-03	4.35E-05	2.88E-06	1.33E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.3E-08	8.1E-07
813	UCART1	593527.6	4123679.92	593527.59, 4123679.92	0.71716	1.2766	0.52062	0.00776	9.92E-05	9.86E-04	4.05E-05	2.95E-06	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.8E-07
814	UCART1	593567.6	4123679.92	593567.59, 4123679.92	0.63109	1.07854	0.48216	0.00674	8.73E-05	8.33E-04	3.75E-05	2.56E-06	9.60E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.8E-07
815	UCART1	593607.6	4123679.92	593607.59, 4123679.92	0.56005	0.92156	0.44483	0.00564	7.75E-05	7.12E-04	3.46E-05	2.15E-06	8.26E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
816	UCART1	593647.6	4123679.92	593647.59, 4123679.92	0.49959	0.79428	0.40686	0.00496	6.91E-05	6.13E-04	3.17E-05	1.89E-06	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.0E-07	9.3E-08	2.8E-08	4.3E-07
817	UCART1	593687.6	4123679.92	593687.59, 4123679.92	0.4481	0.69021	0.36902	0.00446	6.20E-05	5.33E-04	2.87E-05	1.70E-06	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	1.7E-07	9.0E-08	8.1E-08	2.5E-08	3.8E-07
818	UCART1	593727.6	4123679.92	593727.59, 4123679.92	0.40385	0.60358	0.33331	0.00384	5.59E-05	4.66E-04	2.59E-05	1.46E-06	5.49E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	1.5E-07	7.9E-08	7.2E-08	2.2E-08	3.3E-07
819	UCART1	593767.6	4123679.92	593767.59, 4123679.92	0.36535	0.53041	0.30153	0.00323	5.05E-05	4.10E-04	2.35E-05	1.23E-06	4.85E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	1.4E-07	7.0E-08	6.3E-08	1.9E-08	2.9E-07
820	UCART1	593807.6	4123679.92	593807.59, 4123679.92	0.33105	0.46741	0.27409	0.0027	4.58E-05	3.61E-04	2.13E-05	1.03E-06	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
821	UCART1	593847.6	4123679.92	593847.59, 4123679.92	0.30179	0.41534	0.25147	0.00237	4.17E-05	3.21E-04	1.96E-05	9.02E-07	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
822	UCART1	593887.6	4123679.92	593887.59, 4123679.92	0.27507	0.36965	0.23104	0.00211	3.80E-05	2.85E-04	1.80E-05	8.03E-07	3.42E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	9.6E-08	4.9E-08	4.5E-08	1.4E-08	2.1E-07
823	UCART1	593927.6	4123679.92	593927.59, 4123679.92	0.25267	0.33247	0.21379	0.00191	3.49E-05	2.57E-04	1.66E-05	7.27E-07	3.09E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	8.6E-08	4.4E-08	4.0E-08	1.2E-08	1.9E-07
824	UCART1	593967.6	4123679.92	593967.59, 4123679.92	0.23224	0.2998	0.19794	0.00173	3.21E-05	2.31E-04	1.54E-05	6.58E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	7.8E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
825	UCART1	594007.6	4123679.92	594007.59, 4123679.92	0.2145	0.27224	0.18415	0.00156	2.97E-05	2.10E-04	1.43E-05	5.94E-07	2.55E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	7.1E-08	3.7E-08	3.3E-08	1.0E-08	1.5E-07
826	UCART1	593087.6	4123719.92	593087.59, 4123719.92	1.60342	2.22822	0.94314	0.00218	2.22E-04	1.72E-03	7.34E-05	8.30E-07	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	8.0E-08	1.2E-06
827	UCART1	593127.6	4123719.92	593127.59, 4123719.92	1.60327	2.41654	0.86601	0.00233	2.22E-04	1.87E-03	6.74E-05	8.87E-07	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.0E-07	3.1E-07	2.8E-07	8.5E-08	1.3E-06
828	UCART1	593167.6	4123719.92	593167.59, 4123719.92	1.57414	2.5261	0.80124	0.00233	2.18E-04	1.95E-03	6.23E-05	8.87E-07	2.23E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.3E-06
829	UCART1	593207.6	4123719.92	593207.59, 4123719.92	1.52372	2.54475	0.7475	0.00242	2.11E-04	1.96E-03	5.82E-05	9.21E-07	2.23E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.8E-08	1.4E-06
830	UCART1	593247.6	4123719.92	593247.59, 4123719.92	1.44733	2.49429	0.70057	0.00245	2.00E-04	1.93E-03	5.45E-05	9.32E-07	2.18E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
831	UCART1	593287.6	4123719.92	593287.59, 4123719.92	1.33217	2.40139	0.6584	0.00249	1.84E-04	1.85E-03	5.12E-05	9.47E-07	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.3E-08	1.3E-06
832	UCART1	593327.6	4123719.92	593327.59, 4123719.92	1.18384	2.24445	0.61944	0.0027	1.64E-04	1.73E-03	4.82E-05	1.03E-06	1.95E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
833	UCART1	593367.6	4123719.92	593367.59, 4123719.92	1.02906	1.99684	0.58333	0.00327	1.42E-04	1.54E-03	4.54E-05	1.24E-06	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.3E-07	6.8E-08	1.0E-06
834	UCART1	593407.6	4123719.92	593407.59, 4123719.92	0.88652	1.68924	0.54786	0.00469	1.23E-04	1.30E-03	4.26E-05	1.78E-06	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
835	UCART1	593447.6	4123719.92	593447.59, 4123719.92	0.77043	1.40387	0.51362	0.00598	1.07E-04	1.08E-03	4.00E-05	2.28E-06	1.23E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.4E-07	1.8E-07	1.6E-07	4.9E-08	7.4E-07
836	UCART1	593487.6	4123719.92	593487.59, 4123719.92	0.67733	1.17943	0.47987	0.00664	9.37E-05	9.11E-04	3.73E-05	2.53E-06	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
837	UCART1	593527.6	4123719.92	593527.59, 4123719.92	0.60132	1.01068	0.44708	0.00628	8.32E-05	7.80E-04	3.48E-05	2.39E-06	9.01E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.3E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.4E-07

838	UCART1	593567.6	4123719.92 593567.59, 4123719.92	0.538	0.87628	0.41572	0.00547	7.44E-05	6.77E-04	3.23E-05	2.08E-06	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
839	UCART1	593607.6	4123719.92 593607.59, 4123719.92	0.48271	0.76203	0.3842	0.00458	6.68E-05	5.88E-04	2.99E-05	1.74E-06	6.87E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.9E-09	1.9E-07	9.9E-08	8.9E-08	2.7E-08	4.2E-07
840	UCART1	593647.6	4123719.92 593647.59, 4123719.92	0.4364	0.66959	0.35357	0.0041	6.04E-05	5.17E-04	2.75E-05	1.56E-06	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.9E-08	2.4E-08	3.7E-07
841	UCART1	593687.6	4123719.92 593687.59, 4123719.92	0.39561	0.59137	0.32314	0.00376	5.47E-05	4.57E-04	2.51E-05	1.43E-06	5.38E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	6.2E-09	1.5E-07	7.7E-08	7.0E-08	2.1E-08	3.3E-07
842	UCART1	593727.6	4123719.92 593727.59, 4123719.92	0.35978	0.52488	0.29445	0.00333	4.98E-05	4.05E-04	2.29E-05	1.27E-06	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.9E-08	6.2E-08	1.9E-08	2.9E-07
843	UCART1	593767.6	4123719.92 593767.59, 4123719.92	0.32887	0.46885	0.26906	0.00284	4.55E-05	3.62E-04	2.09E-05	1.08E-06	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
844	UCART1	593807.6	4123719.92 593807.59, 4123719.92	0.30094	0.41937	0.24667	0.00237	4.16E-05	3.24E-04	1.92E-05	9.02E-07	3.86E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.5E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
845	UCART1	593847.6	4123719.92 593847.59, 4123719.92	0.27626	0.37663	0.22758	0.00204	3.82E-05	2.91E-04	1.77E-05	7.76E-07	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
846	UCART1	593887.6	4123719.92 593887.59, 4123719.92	0.25408	0.33925	0.21078	0.00181	3.51E-05	2.62E-04	1.64E-05	6.89E-07	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	8.8E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
847	UCART1	593927.6	4123719.92 593927.59, 4123719.92	0.23497	0.30778	0.1963	0.00165	3.25E-05	2.38E-04	1.53E-05	6.28E-07	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	8.0E-08	4.1E-08	3.7E-08	1.1E-08	1.7E-07
848	UCART1	593967.6	4123719.92 593967.59, 4123719.92	0.21752	0.27988	0.18299	0.00151	3.01E-05	2.16E-04	1.42E-05	5.75E-07	2.61E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	7.3E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
849	UCART1	594007.6	4123719.92 594007.59, 4123719.92	0.20198	0.25571	0.17111	0.00138	2.79E-05	1.97E-04	1.33E-05	5.25E-07	2.39E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	6.7E-08	3.4E-08	3.1E-08	9.4E-09	1.4E-07
850	UCART1	593087.6	4123759.92 593087.59, 4123759.92	1.29274	1.85798	0.78792	0.0018	1.79E-04	1.43E-03	6.13E-05	6.85E-07	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
851	UCART1	593127.6	4123759.92 593127.59, 4123759.92	1.27563	1.9339	0.73261	0.00188	1.76E-04	1.49E-03	5.70E-05	7.15E-07	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.3E-07	6.8E-08	1.0E-06
852	UCART1	593167.6	4123759.92 593167.59, 4123759.92	1.24529	1.95378	0.6843	0.00193	1.72E-04	1.51E-03	5.32E-05	7.34E-07	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.3E-07	6.8E-08	1.0E-06
853	UCART1	593207.6	4123759.92 593207.59, 4123759.92	1.19985	1.92158	0.64196	0.00196	1.66E-04	1.48E-03	4.99E-05	7.46E-07	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.7E-07	2.4E-07	2.2E-07	6.7E-08	1.0E-06
854	UCART1	593247.6	4123759.92 593247.59, 4123759.92	1.13726	1.86901	0.60421	0.00199	1.57E-04	1.44E-03	4.70E-05	7.57E-07	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.4E-07	2.1E-07	6.5E-08	1.0E-06
855	UCART1	593287.6	4123759.92 593287.59, 4123759.92	1.05085	1.80058	0.57003	0.00213	1.45E-04	1.39E-03	4.43E-05	8.11E-07	1.58E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.4E-07	2.3E-07	2.1E-07	6.2E-08	9.6E-07
856	UCART1	593327.6	4123759.92 593327.59, 4123759.92	0.94251	1.67883	0.53715	0.00253	1.30E-04	1.30E-03	4.18E-05	9.63E-07	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
857	UCART1	593367.6	4123759.92 593367.59, 4123759.92	0.8298	1.49827	0.50547	0.00346	1.15E-04	1.16E-03	3.93E-05	1.32E-06	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	7.9E-07
858	UCART1	593407.6	4123759.92 593407.59, 4123759.92	0.7279	1.29579	0.4755	0.00464	1.01E-04	1.00E-03	3.70E-05	1.77E-06	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
859	UCART1	593447.6	4123759.92 593447.59, 4123759.92	0.64027	1.10043	0.44571	0.00543	8.85E-05	8.50E-04	3.47E-05	2.07E-06	9.75E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
860	UCART1	593487.6	4123759.92 593487.59, 4123759.92	0.57063	0.94341	0.41768	0.00565	7.89E-05	7.28E-04	3.25E-05	2.15E-06	8.42E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.4E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
861	UCART1	593527.6	4123759.92 593527.59, 4123759.92	0.51234	0.82086	0.39002	0.00519	7.09E-05	6.34E-04	3.03E-05	1.97E-06	7.37E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	8.5E-09	2.1E-07	1.1E-07	9.6E-08	2.9E-08	4.5E-07
862	UCART1	593567.6	4123759.92 593567.59, 4123759.92	0.46394	0.72462	0.36384	0.00448	6.42E-05	5.59E-04	2.83E-05	1.70E-06	6.54E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	1.8E-07	9.4E-08	8.5E-08	2.6E-08	4.0E-07
863	UCART1	593607.6	4123759.92 593607.59, 4123759.92	0.42098	0.64118	0.33752	0.00379	5.82E-05	4.95E-04	2.63E-05	1.44E-06	5.81E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
864	UCART1	593647.6	4123759.92 593647.59, 4123759.92	0.38349	0.56994	0.31164	0.00339	5.30E-05	4.40E-04	2.42E-05	1.29E-06	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.5E-08	6.8E-08	2.0E-08	3.1E-07
865	UCART1	593687.6	4123759.92 593687.59, 4123759.92	0.35111	0.51032	0.28702	0.00315	4.86E-05	3.94E-04	2.23E-05	1.20E-06	4.66E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	1.3E-07	6.7E-08	6.1E-08	1.8E-08	2.8E-07
866	UCART1	593727.6	4123759.92 593727.59, 4123759.92	0.32199	0.45854	0.26366	0.00289	4.45E-05	3.54E-04	2.05E-05	1.10E-06	4.20E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.0E-08	5.5E-08	1.7E-08	2.5E-07
867	UCART1	593767.6	4123759.92 593767.59, 4123759.92	0.29652	0.41435	0.24269	0.00251	4.10E-05	3.20E-04	1.89E-05	9.55E-07	3.81E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
868	UCART1	593807.6	4123759.92 593807.59, 4123759.92	0.27331	0.37489	0.22387	0.00211	3.78E-05	2.89E-04	1.74E-05	8.03E-07	3.45E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	9.6E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
869	UCART1	593847.6	4123759.92 593847.59, 4123759.92	0.25288	0.34067	0.20778	0.00179	3.50E-05	2.63E-04	1.62E-05	6.81E-07	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	8.8E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
870	UCART1	593887.6	4123759.92 593887.59, 4123759.92	0.23497	0.31112	0.19405	0.00158	3.25E-05	2.40E-04	1.51E-05	6.01E-07	2.88E-04	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	8.1E-08	4.1E-08	3.8E-08	1.1E-08	1.7E-07
871	UCART1	593927.6	4123759.92 593927.59, 4123759.92	0.21841	0.28435	0.18147	0.00143	3.02E-05	2.20E-04	1.41E-05	5.44E-07	2.64E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.1E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
872	UCART1	593967.6	4123759.92 593967.59, 4123759.92	0.20327	0.26042	0.16993	0.00131	2.81E-05	2.01E-04	1.32E-05	4.98E-07	2.43E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	6.8E-08	3.5E-08	3.2E-08	9.6E-09	1.5E-07
873	UCART1	594007.6	4123759.92 594007.59, 4123759.92	0.18981	0.23957	0.15964	0.00122	2.63E-05	1.85E-04	1.24E-05	4.64E-07	2.24E-04	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.8E-09	1.4E-07
874	UCART1	593087.6	4123799.92 593087.59, 4123799.92	1.05733	1.53201	0.66962	0.00154	1.46E-04	1.18E-03	5.21E-05	5.86E-07	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
875	UCART1	593127.6	4123799.92 593127.59, 4123799.92	1.03681	1.55	0.62796	0.00157	1.43E-04	1.20E-03	4.89E-05	5.97E-07	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
876	UCART1	593167.6	4123799.92 593167.59, 4123799.92	1.00929	1.53395	0.59067	0.00158	1.40E-04	1.18E-03	4.60E-05	6.01E-07	1.37E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	3.8E-07	2.0E-07	1.8E-07	5.4E-08	8.3E-07
877	UCART1	593207.6	4123799.92 593207.59, 4123799.92	0.97287	1.49885	0.55653	0.00161	1.35E-04	1.16E-03	4.33E-05	6.13E-07	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.3E-08	8.1E-07
878	UCART1	593247.6	4123799.92 593247.59, 4123799.92	0.92042	1.4554	0.52527	0.00169	1.27E-04	1.12E-03	4.09E-05	6.43E-07	1.29E-03	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.1E-08	7.8E-07
879	UCART1	593287.6	4123799.92 593287.59, 4123799.92	0.85119	1.3974	0.49642	0.002	1.18E-04	1.08E-03	3.86E-05	7.61E-07	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
880	UCART1	593327.6	4123799.92 593327.59, 4123799.92	0.77035	1.30244	0.46891	0.00267	1.07E-04	1.01E-03	3.65E-05	1.02E-06	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.5E-08	6.9E-07
881	UCART1	593367.6	4123799.92 593367.59, 4123799.92	0.68636	1.1691	0.44179	0.00358	9.49E-05	9.03E-04	3.44E-05	1.36E-06	1.03E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
882	UCART1	593407.6	4123799.92 593407.59, 4123799.92	0.60967	1.0261	0.41617	0.0044	8.43E-05	7.92E-04	3.24E-05	1.67E-06	9.11E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
883	UCART1	593447.6	4123799.92 593447.59, 4123799.92	0.54299	0.88926	0.39132	0.00482	7.51E-05	6.87E-04	3.04E-05	1.83E-06	7.94E-04	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
884	UCART1	593487.6	4123799.92 593487.59, 4123799.92	0.4878	0.77255	0.36737	0.00466	6.75E-05	5.96E-04	2.86E-05	1.77E-06	6.94E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.0E-08	2.7E-08	4.2E-07
885	UCART1	593527.6	4123799.92 593527.59, 4123799.92	0.44278	0.68164	0.34455	0.00424	6.12E-05	5.26E-04	2.68E-05	1.61E-06	6.16E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.9E-08	8.0E-08	2.4E-08	3.7E-07
886	UCART1	593567.6	4123799.92 593567.59, 4123799.92	0.40392	0.60807	0.3219	0.00368	5.59E-05	4.69E-04	2.50E-05	1.40E-06	5.52E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	1.5E-07	7.9E-08	7.2E-08	2.2E-08	3.3E-07
887	UCART1	593607.6	4123799.92 593607.59, 4123799.92	0.37073	0.54701	0.30017	0.00314	5.13E-05	4.22E-04	2.34E-05	1.19E-06	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
888	UCART1	593647.6	4123799.92 593647.59, 4123799.92	0.34016	0.49163	0.27822	0.00283	4.70E-05	3.80E-04	2.16E-05	1.08E-06	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.7E-07
889	UCART1	593687.6	4123799.92 593687.59, 4123799.92	0.31322	0.44388	0.25746	0.00266	4.33E-05	3.43E-04	2.00E-05	1.01E-06	4.07E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
890	UCART1	593727.6	4123799.92 593727.59, 4123799.92	0.29001	0.40386	0.23865	0.0025	4.01E-05	3.12E-04	1.86E-05	9.51E-07	3.71E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
891	UCART1	593767.6	4123799.92 593767.59, 4123799.92	0.26808	0.36717	0.22064	0.00222	3.71E-05	2.83E-04	1.72E-05	8.45E-07	3.39E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	3.9E-09	9.5E-08	4.9E-08	4.4E-08	1.3E-08	2.0E-07
892	UCART1	593807.6	4123799.92 593807.59, 4123799.92	0.24893	0.33578	0.20487	0.0019	3.44E-05	2.59E-04	1.59E-05	7.23E-07	3.10E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	8.7E-08	4.5E-08	4.0E-08	1.2E-08	1.9E-07
893	UCART1	593847.6	4123799.92 593847.59, 4123799.92	0.23212	0.30857	0.19132	0.0016	3.21E-05	2.38E-04	1.49E-05	6.09E-07	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	8.0E-08	4.1E-08	3.7E-08	1.1E-08	1.7E-07
894	UCART1	593887.6	4123799.92 593887.59, 4123799.92	0.21706	0.28444	0.17951	0.0014	3.00E-05	2.20E-04	1.40E-05	5.33E-07	2.64E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.1E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
895	UCART1	593927.6	4123799.92 593927.59, 4123799.92	0.20289	0.26207	0.16859	0.00126	2.81E-05	2.02E-04	1.31E-05	4.79E-07	2.44E-04	8.4E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	6.8E-08	3.5E-08	3.2E-08	9.6E-09	1.5E-07
896	UCART1	593967.6	4123799.92 593967.59, 4123799.92	0.18976	0.24167	0.15848	0.00115	2.62E-05	1.87E-04	1.23E-05	4.38E-07	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.9E-09	1.4E-07
897	UCART1	594007.6	4123799.92 594007.59, 4123799.92	0.17821	0.22398	0.14956	0.00107	2.46E-05	1.73E-04	1.16E-05	4.07E-07	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.9E-08	3.0E-08	2.7E-08	8.3E-09	1.3E-07
898	UCART1	593087.6	4123839.92 593087.59, 4123839.92	0.87838	1.26269	0.57738	0.00129	1.21E-04	9.75E-04	4.49E-05	4.91E-07	1.14E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
899	UCART1	593127.6	4123839.92 593127.59, 4123839.92	0.85984	1.25532	0.54481	0.0013	1.19E-04	9.69E-04	4.24E-05	4.95E-07	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.8E-07
900	UCART1	593167.6	4123839.92 593167.59, 4123839.92	0.83713	1.23168	0.51456	0.00132	1.16E-04	9.51E-04	4.00E-05	5.02E-07	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.4E-08	6.7E-07
901	UCART1	593207.6	4123839.92 593207.59, 4123839.92	0.80569	1.20115	0.48635	0.00138	1.11E-04	9.27E-04	3.78E-05	5.25E-07	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.3E-08	6.5E-07
902	UCART1	593247.6	4123839.92 593247.59, 4123839.92	0.76119	1.16584	0.45997	0.00159	1.05E-04	9.00E-04	3.58E-05	6.05E-07	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
903	UCART1	593287.6	4123839.92 593287.59, 4123839.92	0.70516	1.11601	0.43541	0.00199	9.75E-05	8.62E-04	3.39E-05	7.57E-07	9.94E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.1E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
904	UCART1	593327.6	4123839.92 593327.59, 4123839.92	0.64283	1.03968	0.41217	0.00271	8.89E-05	8.03E-04	3.21E-05	1.03E-06	9.25E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.6E-07
905	UCART1	593367.6	4123839.92 593367.59, 4123839.92	0.57923	0.94009	0.3894	0.0035	8.01E-05	7.26E-04	3.03E-05	1.33E-06	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
906	UCART1	593407.6	4123839.92 593407.59, 4123839.92	0.51949	0.83424	0.36736	0.00399	7.18E-05	6.44E-04	2.86E-05	1.52E-06	7.46E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	2.1E-07	1.1E-07	9.7E-08	2.9E-08	4.5E-07
907	UCART1	593447.6	4123839.92 593447.59, 4123839.92	0.46741	0.73467	0.34661	0.00416	6.46E-05	5.67E-04	2.70E-05	1.58E-06	6.60E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.6E-09	1.8E-07	9.5E-08	8.6E-08	2.6E-08	4.0E-07
908	UCART1	593487.6	4123839.92 593487.59, 4123839.92	0.42277	0.64581	0.32619	0.00394	5.85E-05	4.99E-04	2.54E-05	1.50E-06	5.84E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
909	UCART1	593527.6	4123839.92 593527.59, 4123839.92	0.38665	0.57543	0.30695	0.00354	5.35E-05	4.44E-04	2.39E-05	1.35E-06	5.23E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-09	1.5E-07	7.5E-08	6.8E-08	2.1E-08	3.2E-07
910	UCART1	593567.6	4123839.92 593567.59, 4123839.92	0.35548	0.51837	0.28769	0.00303	4.92E-05	4.00E-04	2.24E-05	1.15E-06	4.73E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
911	UCART1	593607.6	4123839.92 593607.59, 4123839.92	0.32856	0.47108	0.26904	0.00263	4.54E-05	3.64E-04	2.09E-05	1.00E-06	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
912	UCART1	593647.6	4123839.92 593647.59, 4123839.92	0.30389	0.42839	0.25061	0.00238	4.20E-05	3.31E-04	1.95E-05	9.06E-07	3.93E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.7E-08	5.1E-08	1.6E-08	2.4E-07
913	UCART1	593687.6	4123839.92 593687.59, 4123839.92	0.28169	0.39043	0.23319	0.00225	3.90E-05	3.01E-04	1.81E-05	8.56E-07	3.59E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
914	UCART1	593727.6	4123839.92 593727.59, 4123839.92	0.2623	0.35791	0.21741	0.00215	3.63E-05	2.76E-04	1.69E-05	8.18E-07	3.30E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
915	UCART1	593767.6	4123839.92 593767.59, 4123839.92	0.24386	0.32788	0.20222	0.00197	3.37E-05	2.53E-04	1.57E-05	7.50E-07	3.03E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.5E-08	4.4E-08	4.0E-08	1.2E-08	1.8E-07
916	UCART1	593807.6	4123839.92 593807.59, 4123839.92	0.22801	0.30262	0.18901	0.00172	3.15E-05	2.34E-04	1.47E-05	6.54E-07	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	7.8E-08	4.0E-08	3.7E-08	1.1E-08	1.7E-07
917	UCART1	593847.6	4123839.92 593847.59, 4123839.92	0.21344	0.27978	0.17707	0.00146	2.95E-05	2.16E-04	1.38E-05	5.56E-07	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	7.3E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
918	UCART1	593887.6	4123839.92 593887.59, 4123839.92	0.20025	0.25933	0.16652	0.00126	2.77E-05	2.00E-04	1.30E-05	4.79E-07	2.41E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	6.7E-08	3.5E-08	3.1E-08	9.5E-09	1.5E-07
919	UCART1	593927.6	4123839.92 593927.59, 4123839.92	0.18807	0.24063	0.15695	0.00112	2.60E-05	1.86E-04	1.22E-05	4.26E-07	2.24E-04	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.9E-09	1.4E-07
920	UCART1	593967.6	4123839.92 593967.59, 4123839.92	0.17692	0.22367	0.14821	0.00102	2.45E-05	1.73E-04	1.15E-05	3.88E-07	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.3E-09	1.3E-07
921	UCART1	594007.6	4123839.92 594007.59, 4123839.92	0.16693	0.20862	0.14037	0.00094	2.31E-05	1.61E-04	1.09E-05	3.58E-07	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	5.5E-08	2.8E-08	2.5E-08	7.7E-09	1.2E-07
922	UCART1	593087.6	4123879.92 593087.59, 4123879.92	0.74174	1.04809	0.50306	0.00108	1.03E-04	8.09E-04	3.91E-05	4.11E-07	9.51E-04	3.3E-07	9.9E-07	5.8E-07	5.2E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.2E-07	3.8E-08	5.7E-07

OPERATIONAL RISK (UNMITIGATED)

923	UCART1	593127.6	4123879.92	593127.59, 4123879.92	0.72585	1.03175	0.4767	0.0011	1.00E-04	7.97E-04	3.71E-05	4.19E-07	9.34E-04	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.7E-08	5.6E-07
924	UCART1	593167.6	4123879.92	593167.59, 4123879.92	0.70634	1.00931	0.45191	0.00114	9.77E-05	7.79E-04	3.52E-05	4.34E-07	9.13E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.5E-07
925	UCART1	593207.6	4123879.92	593207.59, 4123879.92	0.67911	0.98547	0.4284	0.00129	9.39E-05	7.61E-04	3.33E-05	4.91E-07	8.89E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.5E-08	5.4E-07
926	UCART1	593247.6	4123879.92	593247.59, 4123879.92	0.64195	0.95732	0.40628	0.00159	8.88E-05	7.39E-04	3.16E-05	6.05E-07	8.60E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
927	UCART1	593287.6	4123879.92	593287.59, 4123879.92	0.59492	0.91191	0.38473	0.00212	8.23E-05	7.04E-04	2.99E-05	8.07E-07	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	9.4E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
928	UCART1	593327.6	4123879.92	593327.59, 4123879.92	0.54494	0.84818	0.36454	0.00276	7.54E-05	6.55E-04	2.84E-05	1.05E-06	7.60E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	2.1E-07	1.1E-07	9.9E-08	3.0E-08	4.6E-07
929	UCART1	593367.6	4123879.92	593367.59, 4123879.92	0.49631	0.77321	0.34572	0.00329	6.86E-05	5.97E-04	2.69E-05	1.25E-06	6.94E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.0E-08	2.7E-08	4.2E-07
930	UCART1	593407.6	4123879.92	593407.59, 4123879.92	0.44917	0.69318	0.32695	0.00353	6.21E-05	5.35E-04	2.54E-05	1.34E-06	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	1.7E-07	9.0E-08	8.1E-08	2.5E-08	3.8E-07
931	UCART1	593447.6	4123879.92	593447.59, 4123879.92	0.40695	0.6172	0.30909	0.00348	5.63E-05	4.77E-04	2.40E-05	1.32E-06	5.58E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
932	UCART1	593487.6	4123879.92	593487.59, 4123879.92	0.37082	0.54917	0.29195	0.00327	5.13E-05	4.24E-04	2.27E-05	1.24E-06	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
933	UCART1	593527.6	4123879.92	593527.59, 4123879.92	0.34082	0.49282	0.27538	0.00297	4.71E-05	3.81E-04	2.14E-05	1.13E-06	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.7E-07
934	UCART1	593567.6	4123879.92	593567.59, 4123879.92	0.31561	0.44778	0.25911	0.00254	4.36E-05	3.46E-04	2.02E-05	9.67E-07	4.10E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
935	UCART1	593607.6	4123879.92	593607.59, 4123879.92	0.2936	0.41037	0.24314	0.00222	4.06E-05	3.17E-04	1.89E-05	8.45E-07	3.77E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
936	UCART1	593647.6	4123879.92	593647.59, 4123879.92	0.2736	0.37713	0.22761	0.00202	3.78E-05	2.91E-04	1.77E-05	7.69E-07	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
937	UCART1	593687.6	4123879.92	593687.59, 4123879.92	0.25488	0.34628	0.21264	0.00193	3.52E-05	2.67E-04	1.65E-05	7.34E-07	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	8.9E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
938	UCART1	593727.6	4123879.92	593727.59, 4123879.92	0.23824	0.31915	0.19904	0.00185	3.29E-05	2.46E-04	1.55E-05	7.04E-07	2.96E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.3E-08	4.2E-08	3.9E-08	1.2E-08	1.8E-07
939	UCART1	593767.6	4123879.92	593767.59, 4123879.92	0.22304	0.29493	0.18645	0.00174	3.08E-05	2.28E-04	1.45E-05	6.62E-07	2.74E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	7.6E-08	3.9E-08	3.6E-08	1.1E-08	1.7E-07
940	UCART1	593807.6	4123879.92	593807.59, 4123879.92	0.20946	0.27377	0.17508	0.00155	2.90E-05	2.11E-04	1.36E-05	5.90E-07	2.55E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	7.1E-08	3.7E-08	3.3E-08	1.0E-08	1.5E-07
941	UCART1	593847.6	4123879.92	593847.59, 4123879.92	0.19688	0.25455	0.16465	0.00134	2.72E-05	1.97E-04	1.28E-05	5.10E-07	2.37E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	6.6E-08	3.4E-08	3.1E-08	9.4E-09	1.4E-07
942	UCART1	593887.6	4123879.92	593887.59, 4123879.92	0.18519	0.23694	0.15516	0.00115	2.56E-05	1.83E-04	1.21E-05	4.38E-07	2.21E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
943	UCART1	593927.6	4123879.92	593927.59, 4123879.92	0.17473	0.22129	0.14676	0.00101	2.42E-05	1.71E-04	1.14E-05	3.84E-07	2.07E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.2E-07
944	UCART1	593967.6	4123879.92	593967.59, 4123879.92	0.16504	0.20692	0.13904	0.00091	2.28E-05	1.60E-04	1.08E-05	3.46E-07	1.94E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
945	UCART1	594007.6	4123879.92	594007.59, 4123879.92	0.15638	0.19412	0.13211	0.00084	2.16E-05	1.50E-04	1.03E-05	3.20E-07	1.82E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.2E-09	1.1E-07

Worker Risk (Unmitigated)

Operations

Onsite Circulation	Idle	Offsite Circulation	Generator
1.38E-04	7.72E-04	7.78E-05	3.81E-04

Discrete Receptor ID

						Operations					Worker Dose				Worker Risk					
		Phase I	Phase II	Phase III	Total Concentration	Onsite														
	X, Y	Total	Total	Total		Trucks	Idle	Offsite	Generator	Total	Cons I	Cons II	Cons III	Operations	Cons I	Cons II	Cons III	Total Cons	Operations	Total Risk
1 UCART1	592567.59, 4122799.92	1.66E-04	2.34E-04	1.18E-04	5.17E-04	1.03E-05	4.75E-05	0.00E+00	1.56E-08	5.78E-05	1.1E-07	1.5E-07	7.8E-08	3.8E-08	1.0E-08	5.5E-09	3.0E-09	1.9E-08	1.5E-08	5.3E-08
2 UCART1	592607.59, 4122799.92	1.72E-04	2.45E-04	1.23E-04	5.40E-04	1.08E-05	4.99E-05	0.00E+00	1.63E-08	6.08E-05	1.1E-07	1.6E-07	8.2E-08	4.0E-08	1.1E-08	5.7E-09	3.1E-09	2.0E-08	1.6E-08	5.5E-08
3 UCART1	592647.59, 4122799.92	1.78E-04	2.56E-04	1.28E-04	5.63E-04	1.14E-05	5.22E-05	0.00E+00	1.71E-08	6.37E-05	1.2E-07	1.7E-07	8.5E-08	4.2E-08	1.1E-08	6.0E-09	3.2E-09	2.0E-08	1.7E-08	5.7E-08
4 UCART1	592687.59, 4122799.92	1.86E-04	2.73E-04	1.35E-04	5.94E-04	1.22E-05	5.55E-05	0.00E+00	1.87E-08	6.77E-05	1.2E-07	1.8E-07	8.9E-08	4.5E-08	1.2E-08	6.4E-09	3.4E-09	2.1E-08	1.8E-08	6.0E-08
5 UCART1	592727.59, 4122799.92	1.94E-04	2.89E-04	1.41E-04	6.24E-04	1.29E-05	5.86E-05	0.00E+00	1.94E-08	7.15E-05	1.3E-07	1.9E-07	9.4E-08	4.7E-08	1.2E-08	6.8E-09	3.6E-09	2.2E-08	1.9E-08	6.3E-08
6 UCART1	592767.59, 4122799.92	2.02E-04	3.09E-04	1.48E-04	6.60E-04	1.38E-05	6.20E-05	0.00E+00	2.02E-08	7.58E-05	1.3E-07	2.0E-07	9.8E-08	5.0E-08	1.3E-08	7.2E-09	3.7E-09	2.4E-08	2.0E-08	6.7E-08
7 UCART1	592807.59, 4122799.92	2.12E-04	3.33E-04	1.57E-04	7.02E-04	1.47E-05	6.59E-05	0.00E+00	2.10E-08	8.06E-05	1.4E-07	2.2E-07	1.0E-07	5.3E-08	1.3E-08	7.8E-09	3.9E-09	2.5E-08	2.1E-08	7.1E-08
8 UCART1	592847.59, 4122799.92	2.21E-04	3.53E-04	1.65E-04	7.39E-04	1.55E-05	6.88E-05	0.00E+00	2.18E-08	8.43E-05	1.5E-07	2.3E-07	1.1E-07	5.6E-08	1.4E-08	8.3E-09	4.1E-09	2.6E-08	2.2E-08	7.4E-08
9 UCART1	592887.59, 4122799.92	2.33E-04	3.79E-04	1.75E-04	7.87E-04	1.66E-05	7.28E-05	0.00E+00	2.33E-08	8.94E-05	1.5E-07	2.5E-07	1.2E-07	5.9E-08	1.5E-08	8.9E-09	4.4E-09	2.8E-08	2.3E-08	7.9E-08
10 UCART1	592927.59, 4122799.92	2.47E-04	4.07E-04	1.88E-04	8.42E-04	1.78E-05	7.72E-05	0.00E+00	2.41E-08	9.51E-05	1.6E-07	2.7E-07	1.2E-07	6.3E-08	1.5E-08	9.5E-09	4.7E-09	3.0E-08	2.5E-08	8.4E-08
11 UCART1	592967.59, 4122799.92	2.61E-04	4.36E-04	2.02E-04	8.99E-04	1.91E-05	8.17E-05	0.00E+00	2.57E-08	1.01E-04	1.7E-07	2.9E-07	1.3E-07	6.7E-08	1.6E-08	1.0E-08	5.1E-09	3.2E-08	2.6E-08	8.9E-08
12 UCART1	593007.59, 4122799.92	2.76E-04	4.63E-04	2.16E-04	9.55E-04	2.04E-05	8.59E-05	0.00E+00	2.64E-08	1.06E-04	1.8E-07	3.1E-07	1.4E-07	7.0E-08	1.7E-08	1.1E-08	5.4E-09	3.3E-08	2.8E-08	9.5E-08
13 UCART1	593047.59, 4122799.92	2.94E-04	4.95E-04	2.33E-04	1.02E-03	2.27E-05	9.11E-05	0.00E+00	2.80E-08	1.14E-04	1.9E-07	3.3E-07	1.5E-07	7.5E-08	1.8E-08	1.2E-08	5.9E-09	3.6E-08	3.0E-08	1.0E-07
14 UCART1	593087.59, 4122799.92	3.11E-04	5.26E-04	2.51E-04	1.09E-03	2.55E-05	9.60E-05	0.00E+00	2.88E-08	1.22E-04	2.1E-07	3.5E-07	1.7E-07	8.0E-08	1.9E-08	1.2E-08	6.3E-09	3.8E-08	3.2E-08	1.1E-07
15 UCART1	593127.59, 4122799.92	3.32E-04	5.59E-04	2.70E-04	1.16E-03	2.78E-05	1.11E-04	0.00E+00	3.03E-08	1.38E-04	2.2E-07	3.7E-07	1.8E-07	9.2E-08	2.1E-08	1.3E-08	6.8E-09	4.1E-08	3.6E-08	1.2E-07
16 UCART1	593167.59, 4122799.92	3.53E-04	5.92E-04	2.92E-04	1.24E-03	2.97E-05	1.16E-04	0.00E+00	3.19E-08	1.46E-04	2.3E-07	3.9E-07	1.9E-07	9.6E-08	2.2E-08	1.4E-08	7.3E-09	4.3E-08	3.8E-08	1.2E-07
17 UCART1	593207.59, 4122799.92	3.79E-04	6.29E-04	3.19E-04	1.33E-03	3.19E-05	1.31E-04	0.00E+00	3.35E-08	1.63E-04	2.5E-07	4.2E-07	2.1E-07	1.1E-07	2.4E-08	1.5E-08	8.0E-09	4.6E-08	4.2E-08	1.4E-07
18 UCART1	593247.59, 4122799.92	4.04E-04	6.66E-04	3.45E-04	1.41E-03	3.34E-05	1.36E-04	0.00E+00	3.50E-08	1.70E-04	2.7E-07	4.4E-07	2.3E-07	1.1E-07	2.5E-08	1.6E-08	8.7E-09	4.9E-08	4.4E-08	1.4E-07
19 UCART1	593287.59, 4122799.92	4.25E-04	6.94E-04	3.65E-04	1.48E-03	3.48E-05	1.41E-04	0.00E+00	3.66E-08	1.76E-04	2.8E-07	4.6E-07	2.4E-07	1.2E-07	2.6E-08	1.6E-08	9.2E-09	5.2E-08	4.6E-08	1.5E-07
20 UCART1	593327.59, 4122799.92	4.49E-04	7.16E-04	3.90E-04	1.56E-03	3.65E-05	1.46E-04	0.00E+00	3.89E-08	1.83E-04	3.0E-07	4.7E-07	2.6E-07	1.2E-07	2.8E-08	1.7E-08	9.8E-09	5.5E-08	4.7E-08	1.6E-07
21 UCART1	593367.59, 4122799.92	4.83E-04	7.36E-04	4.20E-04	1.64E-03	3.86E-05	1.51E-04	0.00E+00	4.12E-08	1.90E-04	3.2E-07	4.9E-07	2.8E-07	1.3E-07	3.0E-08	1.7E-08	1.1E-08	5.8E-08	4.9E-08	1.7E-07
22 UCART1	593407.59, 4122799.92	5.22E-04	7.59E-04	4.48E-04	1.73E-03	4.12E-05	1.58E-04	0.00E+00	4.43E-08	1.99E-04	3.5E-07	5.0E-07	3.0E-07	1.3E-07	3.3E-08	1.8E-08	1.1E-08	6.2E-08	5.2E-08	1.7E-07
23 UCART1	593447.59, 4122799.92	5.47E-04	7.83E-04	4.72E-04	1.80E-03	4.43E-05	1.65E-04	0.00E+00	4.90E-08	2.10E-04	3.6E-07	5.2E-07	3.1E-07	1.4E-07	3.4E-08	1.8E-08	1.2E-08	6.4E-08	5.4E-08	1.8E-07
24 UCART1	593487.59, 4122799.92	5.72E-04	8.12E-04	4.96E-04	1.88E-03	4.79E-05	1.75E-04	0.00E+00	5.37E-08	2.23E-04	3.8E-07	5.4E-07	3.3E-07	1.5E-07	3.6E-08	1.9E-08	1.2E-08	6.7E-08	5.8E-08	1.9E-07
25 UCART1	593527.59, 4122799.92	6.03E-04	8.49E-04	5.29E-04	1.98E-03	5.19E-05	1.86E-04	0.00E+00	6.07E-08	2.38E-04	4.0E-07	5.6E-07	3.5E-07	1.6E-07	3.8E-08	2.0E-08	1.3E-08	7.1E-08	6.2E-08	2.0E-07
26 UCART1	593567.59, 4122799.92	6.37E-04	8.99E-04	5.67E-04	2.10E-03	5.63E-05	1.99E-04	0.00E+00	6.92E-08	2.55E-04	4.2E-07	5.9E-07	3.7E-07	1.7E-07	4.0E-08	2.1E-08	1.4E-08	7.5E-08	6.6E-08	2.2E-07
27 UCART1	593607.59, 4122799.92	6.72E-04	9.67E-04	6.12E-04	2.25E-03	6.12E-05	2.12E-04	0.00E+00	7.70E-08	2.74E-04	4.4E-07	6.4E-07	4.0E-07	1.8E-07	4.2E-08	2.3E-08	1.5E-08	8.0E-08	7.1E-08	2.3E-07
28 UCART1	593647.59, 4122799.92	7.11E-04	1.06E-03	6.69E-04	2.44E-03	6.67E-05	2.26E-04	0.00E+00	8.40E-08	2.93E-04	4.7E-07	7.0E-07	4.4E-07	1.9E-07	4.4E-08	2.5E-08	1.7E-08	8.6E-08	7.6E-08	2.5E-07
29 UCART1	593687.59, 4122799.92	7.50E-04	1.18E-03	7.33E-04	2.66E-03	7.25E-05	2.41E-04	0.00E+00	8.87E-08	3.13E-04	5.0E-07	7.8E-07	4.9E-07	2.1E-07	4.7E-08	2.7E-08	1.8E-08	9.3E-08	8.1E-08	2.7E-07
30 UCART1	593727.59, 4122799.92	7.96E-04	1.30E-03	8.08E-04	2.91E-03	7.84E-05	2.56E-04	0.00E+00	9.34E-08	3.35E-04	5.3E-07	8.6E-07	5.3E-07	2.2E-07	5.0E-08	3.0E-08	2.0E-08	1.0E-07	8.7E-08	2.9E-07
31 UCART1	593767.59, 4122799.92	8.54E-04	1.44E-03	8.95E-04	3.18E-03	8.42E-05	2.75E-04	0.00E+00	1.01E-07	3.59E-04	5.7E-07	9.5E-07	5.9E-07	2.4E-07	5.3E-08	3.4E-08	2.3E-08	1.1E-07	9.3E-08	3.1E-07
32 UCART1	593807.59, 4122799.92	9.18E-04	1.56E-03	9.80E-04	3.46E-03	8.93E-05	2.95E-04	0.00E+00	1.12E-07	3.84E-04	6.1E-07	1.0E-06	6.5E-07	2.5E-07	5.7E-08	3.7E-08	2.5E-08	1.2E-07	1.0E-07	3.4E-07
33 UCART1	593847.59, 4122799.92	9.98E-04	1.67E-03	1.06E-03	3.74E-03	9.35E-05	3.17E-04	0.00E+00	1.31E-07	4.10E-04	6.6E-07	1.1E-06	7.0E-07	2.7E-07	6.2E-08	3.9E-08	2.7E-08	1.3E-07	1.1E-07	3.6E-07
34 UCART1	593887.59, 4122799.92	1.08E-03	1.77E-03	1.14E-03	3.99E-03	9.65E-05	3.39E-04	0.00E+00	1.56E-07	4.36E-04	7.2E-07	1.2E-06	7.5E-07	2.9E-07	6.8E-08	4.1E-08	2.9E-08	1.4E-07	1.1E-07	3.9E-07
35 UCART1	593927.59, 4122799.92	1.17E-03	1.84E-03	1.20E-03	4.22E-03	9.83E-05	3.60E-04	0.00E+00	1.86E-07	4.58E-04	7.8E-07	1.2E-06	7.9E-07	3.0E-07	7.3E-08	4.3E-08	3.0E-08	1.5E-07	1.2E-07	4.1E-07
36 UCART1	593967.59, 4122799.92	1.27E-03	1.90E-03	1.24E-03	4.40E-03	9.89E-05	3.78E-04	0.00E+00	2.21E-07	4.77E-04	8.4E-07	1.3E-06	8.2E-07	3.2E-07	7.9E-08	4.4E-08	3.1E-08	1.5E-07	1.2E-07	4.3E-07
37 UCART1	594007.59, 4122799.92	1.35E-03	1.93E-03	1.26E-03	4.53E-03	9.83E-05	3.92E-04	0.00E+00	2.63E-07	4.91E-04	8.9E-07	1.3E-06	8.3E-07	3.2E-07	8.4E-08	4.5E-08	3.2E-08	1.6E-07	1.3E-07	4.5E-07
38 UCART1	592567.59, 4122839.92	1.75E-04	2.50E-04	1.25E-04	5.49E-04	1.10E-05	5.03E-05	0.00E+00	1.63E-08	6.13E-05	1.2E-07	1.7E-07	8.3E-08	4.1E-08	1.1E-08	5.8E-09	3.1E-09	2.0E-08	1.6E-08	5.6E-08
39 UCART1	592607.59, 4122839.92	1.82E-04	2.63E-04	1.31E-04	5.76E-04	1.16E-05	5.28E-05	0.00E+00	1.71E-08	6.45E-05	1.2E-07	1.7E-07	8.7E-08	4.3E-08	1.1E-08	6.2E-09	3.3E-09	2.1E-08	1.7E-08	5.8E-08
40 UCART1	592647.59, 4122839.92	1.89E-04	2.76E-04	1.37E-04	6.01E-04	1.22E-05	5.53E-05	0.00E+00	1.79E-08	6.75E-05	1.2E-07	1.8E-07	9.1E-08	4.5E-08	1.2E-08	6.4E-09	3.4E-09	2.2E-08	1.8E-08	6.1E-08
41 UCART1	592687.59, 4122839.92	1.96E-04	2.90E-04	1.44E-04	6.30E-04	1.29E-05	5.82E-05	0.00E+00	1.94E-08	7.11E-05	1.3E-07	1.9E-07	9.5E-08	4.7E-08	1.2E-08	6.8E-09	3.6E-09	2.3E-08	1.8E-08	6.4E-08
42 UCART1	592727.59, 4122839.92	2.05E-04	3.09E-04	1.51E-04	6.65E-04	1.38E-05	6.18E-05	0.00E+00	2.02E-08	7.56E-05	1.4E-07	2.0E-07	1.0E-07	5.0E-08	1.3E-08	7.2E-09	3.8E-09	2.4E-08	2.0E-08	6.7E-08
43 UCART1	592767.59, 4122839.92	2.16E-04	3.33E-04	1.60E-04	7.09E-04	1.49E-05	6.62E-05	0.00E+00	2.10E-08	8.11E-05	1.4E-07	2.2E-07	1.1E-07	5.4E-08	1.3E-08	7.8E-09	4.0E-09	2.5E-08	2.1E-08	7.2E-08
44 UCART1	592807.59, 4122839.92	2.26E-04	3.55E-04	1.69E-04	7.50E-04	1.58E-05	6.99E-05	0.00E+00	2.26E-08	8.57E-05	1.5E-07	2.4E-07	1.1E-07	5.7E-08	1.4E-08	8.3E-09	4.2E-09	2.7E-08	2.2E-08	7.6E-08
45 UCART1	592847.59, 4122839.92	2.36E-04	3.80E-04	1.78E-04	7.94E-04	1.68E-05	7.37E-05	0.00E+00	2.33E-08	9.05E-05	1.6E-07	2.5E-07	1.2E-07	6.0E-08	1.5E-08	8.9E-09	4.5E-09	2.8E-08	2.4E-08	8.0E-08
46 UCART1	592887.59, 4122839.92	2.48E-04	4.09E-04	1.89E-04	8.46E-04	1.80E-05	7.79E-05	0.00E+00	2.49E-08	9.59E-05	1.6E-07	2.7E-07	1.3E-07	6.3E-08	1.5E-08	9.6E-09	4.8E-09	3.0E-08	2.5E-08	8.5E-08
47 UCART1	592927.59, 4122839.92	2.64E-04	4.44E-04	2.03E-04	9.10E-04	1.94E-05	8.31E-05	0.00E+00	2.57E-08	1.03E-04	1.7E-07	2.9E-07	1.3E-07	6.8E-08	1.6E-08	1.0E-08	5.1E-09	3.2E-08	2.7E-08	9.1E-08
48 UCART1	592967.59, 4122839.92	2.80E-04	4.78E-04	2.19E-04	9.77E-04	2.09E-05	8.82E-05	0.00E+00	2.72E-08	1.09E-04	1.9E-07	3.2E-07	1.4E-07	7.2E-08	1.7E-08	1.1E-08	5.5E-09	3.4E-08	2.8E-08	9.7E-08
49 UCART1	593007.59, 4122839.92	3.01E-04	5.22E-04	2.39E-04	1.06E-03	2.42E-05	9.54E-05	0.00E+00	2.88E-08	1.20E-04	2.0E-07	3.5E-07	1.6E-07	7.9E-08	1.9E-08	1.2E-08	6.0E-09	3.7E-08	3.1E-08	1.1E-07
50 UCART1	593047.59, 4122839.92	3.24E-04	5.58E-04	2.62E-04	1.14E-03	2.80E-05	1.11E-04	0.00E+00	3.03E-08	1.39E-04	2.1E-07	3.7E-07	1.7E-07	9.2E-08	2.0E-08	1.3E-08	6.6E-09	4.0E-08	3.6E-08	1.2E-07
51 UCART1	593087.59, 4122839.92	3.40E-04	5.90E-04	2.78E-04	1.21E-03	2.88E-05	1.06E-04	0.00E+00	3.19E-08	1.34E-04	2.2E-07	3.9E-07	1.8E-07	8.9E-08	2.1E-08	1.4E-08	7.0E-09	4.2E-08	3.5E-08	1.2E-07
52 UCART1	593127.59, 4122839.92	3.63E-04	6.29E-04	3.03E-04	1.29E-03	3.14E-05	1.22E-04	0.00E+00	3.35E-08	1.53E-04	2.4E-07	4.2E-07	2.0E-07	1.0E-07	2.3E-08	1.5E-08	7.6E-09	4.5E-08	4.0E-08	1.3E-07
53 UCART1	593167.59, 4122839.92	3.90E-04	6.71E-04	3.33E-04	1.39E-03	3.37E-05	1.38E-04	0.00E+00	3.50E-08	1.72E-04	2.6E-07	4.4E-07	2.2E-07	1.1E-07	2.4E-08	1.6E-08	8.4E-09	4.8E-08	4.5E-08	1.4E-07
54 UCART1	593207.59, 4122839.92	4.21E-04	7.18E-04	3.65E-04	1.50E-03	3.62E-05	1.45E-04	0.00E+00	3.66E-08	1.81E-04	2.8E-07	4.7E-07	2.4E-07	1.2E-07	2.6E-08	1.7E-08	9.2E-09	5.2E-08	4.7E-08	1.5E-07
55 UCART1	593247.59, 4122839.92	4.51E-04	7.63E-04	3.95E-04	1.61E-03	3.80E-05	1.51E-04	0.00E+00	3.81E-08	1.89E-04	3.0E-07	5.0E-07	2.6E-07	1.3E-07	2.8E-08	1.8E-08	9.9E-09	5.6E-08	4.9E-08	1.6E-07

56	UCART1	593287.59, 4122839.92	4.83E-04	8.02E-04	4.29E-04	1.71E-03	3.99E-05	1.57E-04	0.00E+00	4.05E-08	1.97E-04	3.2E-07	5.3E-07	2.8E-07	1.3E-07	3.0E-08	1.9E-08	1.1E-08	6.0E-08	5.1E-08	1.7E-07
57	UCART1	593327.59, 4122839.92	5.16E-04	8.30E-04	4.60E-04	1.81E-03	4.20E-05	1.63E-04	0.00E+00	4.28E-08	2.05E-04	3.4E-07	5.5E-07	3.0E-07	1.4E-07	3.2E-08	1.9E-08	1.2E-08	6.3E-08	5.3E-08	1.8E-07
58	UCART1	593367.59, 4122839.92	5.55E-04	8.56E-04	4.93E-04	1.90E-03	4.47E-05	1.70E-04	0.00E+00	4.59E-08	2.14E-04	3.7E-07	5.7E-07	3.3E-07	1.4E-07	3.5E-08	2.0E-08	1.2E-08	6.7E-08	5.6E-08	1.9E-07
59	UCART1	593407.59, 4122839.92	5.97E-04	8.87E-04	5.33E-04	2.02E-03	4.81E-05	1.77E-04	0.00E+00	4.98E-08	2.25E-04	3.9E-07	5.9E-07	3.5E-07	1.5E-07	3.7E-08	2.1E-08	1.3E-08	7.1E-08	5.9E-08	2.0E-07
60	UCART1	593447.59, 4122839.92	6.29E-04	9.19E-04	5.63E-04	2.11E-03	5.21E-05	1.87E-04	0.00E+00	5.45E-08	2.39E-04	4.2E-07	6.1E-07	3.7E-07	1.6E-07	3.9E-08	2.2E-08	1.4E-08	7.5E-08	6.2E-08	2.1E-07
61	UCART1	593487.59, 4122839.92	6.62E-04	9.59E-04	5.96E-04	2.22E-03	5.68E-05	1.98E-04	0.00E+00	6.07E-08	2.55E-04	4.4E-07	6.3E-07	3.9E-07	1.7E-07	4.1E-08	2.2E-08	1.5E-08	7.9E-08	6.6E-08	2.2E-07
62	UCART1	593527.59, 4122839.92	7.01E-04	1.01E-03	6.39E-04	2.35E-03	6.21E-05	2.13E-04	0.00E+00	6.85E-08	2.75E-04	4.6E-07	6.7E-07	4.2E-07	1.8E-07	4.4E-08	2.4E-08	1.6E-08	8.4E-08	7.1E-08	2.4E-07
63	UCART1	593567.59, 4122839.92	7.47E-04	1.09E-03	6.92E-04	2.53E-03	6.82E-05	2.28E-04	0.00E+00	7.93E-08	2.97E-04	4.9E-07	7.2E-07	4.6E-07	2.0E-07	4.7E-08	2.6E-08	1.7E-08	9.0E-08	7.7E-08	2.6E-07
64	UCART1	593607.59, 4122839.92	7.88E-04	1.20E-03	7.56E-04	2.74E-03	7.48E-05	2.45E-04	0.00E+00	8.79E-08	3.20E-04	5.2E-07	7.9E-07	5.0E-07	2.1E-07	4.9E-08	2.8E-08	1.9E-08	9.6E-08	8.3E-08	2.8E-07
65	UCART1	593647.59, 4122839.92	8.39E-04	1.34E-03	8.38E-04	3.01E-03	8.22E-05	2.63E-04	0.00E+00	9.65E-08	3.45E-04	5.5E-07	8.8E-07	5.5E-07	2.3E-07	5.2E-08	3.1E-08	2.1E-08	1.0E-07	9.0E-08	3.0E-07
66	UCART1	593687.59, 4122839.92	8.94E-04	1.49E-03	9.31E-04	3.32E-03	8.97E-05	2.81E-04	0.00E+00	1.02E-07	3.71E-04	5.9E-07	9.9E-07	6.2E-07	2.5E-07	5.6E-08	3.5E-08	2.3E-08	1.1E-07	9.6E-08	3.2E-07
67	UCART1	593727.59, 4122839.92	9.53E-04	1.66E-03	1.03E-03	3.64E-03	9.68E-05	3.02E-04	0.00E+00	1.10E-07	3.99E-04	6.3E-07	1.1E-06	6.8E-07	2.6E-07	5.9E-08	3.9E-08	2.6E-08	1.2E-07	1.0E-07	3.5E-07
68	UCART1	593767.59, 4122839.92	1.03E-03	1.82E-03	1.14E-03	3.99E-03	1.03E-04	3.26E-04	0.00E+00	1.20E-07	4.29E-04	6.8E-07	1.2E-06	7.6E-07	2.8E-07	6.4E-08	4.3E-08	2.9E-08	1.4E-07	1.1E-07	3.8E-07
69	UCART1	593807.59, 4122839.92	1.12E-03	1.96E-03	1.25E-03	4.32E-03	1.08E-04	3.51E-04	0.00E+00	1.36E-07	4.60E-04	7.4E-07	1.3E-06	8.3E-07	3.0E-07	7.0E-08	4.6E-08	3.1E-08	1.5E-07	1.2E-07	4.1E-07
70	UCART1	593847.59, 4122839.92	1.22E-03	2.07E-03	1.34E-03	4.64E-03	1.12E-04	3.78E-04	0.00E+00	1.62E-07	4.90E-04	8.1E-07	1.4E-06	8.9E-07	3.2E-07	7.6E-08	4.9E-08	3.4E-08	1.6E-07	1.3E-07	4.4E-07
71	UCART1	593887.59, 4122839.92	1.33E-03	2.16E-03	1.42E-03	4.91E-03	1.14E-04	4.03E-04	0.00E+00	1.97E-07	5.17E-04	8.8E-07	1.4E-06	9.4E-07	3.4E-07	8.3E-08	5.1E-08	3.6E-08	1.7E-07	1.3E-07	4.7E-07
72	UCART1	593927.59, 4122839.92	1.44E-03	2.22E-03	1.47E-03	5.13E-03	1.14E-04	4.25E-04	0.00E+00	2.40E-07	5.40E-04	9.5E-07	1.5E-06	9.7E-07	3.6E-07	9.0E-08	5.2E-08	3.7E-08	1.8E-07	1.4E-07	5.0E-07
73	UCART1	593967.59, 4122839.92	1.55E-03	2.25E-03	1.49E-03	5.28E-03	1.13E-04	4.43E-04	0.00E+00	2.89E-07	5.57E-04	1.0E-06	1.5E-06	9.8E-07	3.7E-07	9.7E-08	5.3E-08	3.7E-08	1.9E-07	1.4E-07	5.2E-07
74	UCART1	594007.59, 4122839.92	1.64E-03	2.24E-03	1.48E-03	5.35E-03	1.11E-04	4.57E-04	0.00E+00	3.35E-07	5.68E-04	1.1E-06	1.5E-06	9.8E-07	3.8E-07	1.0E-07	5.2E-08	3.7E-08	1.9E-07	1.5E-07	5.3E-07
75	UCART1	592567.59, 4122879.92	1.85E-04	2.67E-04	1.33E-04	5.85E-04	1.18E-05	5.37E-05	0.00E+00	1.71E-08	6.55E-05	1.2E-07	1.8E-07	8.8E-08	4.3E-08	1.2E-08	6.2E-09	3.4E-09	2.1E-08	1.7E-08	5.9E-08
76	UCART1	592607.59, 4122879.92	1.93E-04	2.82E-04	1.40E-04	6.14E-04	1.25E-05	5.64E-05	0.00E+00	1.79E-08	6.89E-05	1.3E-07	1.9E-07	9.3E-08	4.6E-08	1.2E-08	6.6E-09	3.5E-09	2.2E-08	1.8E-08	6.2E-08
77	UCART1	592647.59, 4122879.92	2.00E-04	2.96E-04	1.46E-04	6.43E-04	1.31E-05	5.88E-05	0.00E+00	1.87E-08	7.20E-05	1.3E-07	2.0E-07	9.7E-08	4.8E-08	1.2E-08	6.9E-09	3.7E-09	2.3E-08	1.9E-08	6.5E-08
78	UCART1	592687.59, 4122879.92	2.08E-04	3.11E-04	1.54E-04	6.73E-04	1.38E-05	6.15E-05	0.00E+00	2.02E-08	7.53E-05	1.4E-07	2.1E-07	1.0E-07	5.0E-08	1.3E-08	7.3E-09	3.9E-09	2.4E-08	2.0E-08	6.8E-08
79	UCART1	592727.59, 4122879.92	2.19E-04	3.35E-04	1.63E-04	7.16E-04	1.49E-05	6.59E-05	0.00E+00	2.10E-08	8.08E-05	1.4E-07	2.2E-07	1.1E-07	5.3E-08	1.4E-08	7.8E-09	4.1E-09	2.6E-08	2.1E-08	7.2E-08
80	UCART1	592767.59, 4122879.92	2.30E-04	3.60E-04	1.73E-04	7.63E-04	1.60E-05	7.05E-05	0.00E+00	2.26E-08	8.65E-05	1.5E-07	2.4E-07	1.1E-07	5.7E-08	1.4E-08	8.4E-09	4.4E-09	2.7E-08	2.2E-08	7.7E-08
81	UCART1	592807.59, 4122879.92	2.41E-04	3.83E-04	1.83E-04	8.07E-04	1.71E-05	7.45E-05	0.00E+00	2.33E-08	9.16E-05	1.6E-07	2.5E-07	1.2E-07	6.1E-08	1.5E-08	9.0E-09	4.6E-09	2.9E-08	2.4E-08	8.1E-08
82	UCART1	592847.59, 4122879.92	2.54E-04	4.15E-04	1.94E-04	8.64E-04	1.85E-05	7.97E-05	0.00E+00	2.49E-08	9.82E-05	1.7E-07	2.7E-07	1.3E-07	6.5E-08	1.6E-08	9.7E-09	4.9E-09	3.0E-08	2.6E-08	8.6E-08
83	UCART1	592887.59, 4122879.92	2.69E-04	4.51E-04	2.08E-04	9.28E-04	1.99E-05	8.51E-05	0.00E+00	2.64E-08	1.05E-04	1.8E-07	3.0E-07	1.4E-07	7.0E-08	1.7E-08	1.1E-08	5.2E-09	3.3E-08	2.7E-08	9.2E-08
84	UCART1	592927.59, 4122879.92	2.86E-04	4.92E-04	2.23E-04	1.00E-03	2.16E-05	9.11E-05	0.00E+00	2.80E-08	1.13E-04	1.9E-07	3.3E-07	1.5E-07	7.5E-08	1.8E-08	1.2E-08	5.6E-09	3.5E-08	2.9E-08	9.9E-08
85	UCART1	592967.59, 4122879.92	3.04E-04	5.36E-04	2.41E-04	1.08E-03	2.36E-05	9.72E-05	0.00E+00	2.96E-08	1.21E-04	2.0E-07	3.5E-07	1.6E-07	8.0E-08	1.9E-08	1.3E-08	6.1E-09	3.8E-08	3.1E-08	1.1E-07
86	UCART1	593007.59, 4122879.92	3.25E-04	5.82E-04	2.62E-04	1.17E-03	2.66E-05	1.04E-04	0.00E+00	3.11E-08	1.30E-04	2.1E-07	3.8E-07	1.7E-07	8.6E-08	2.0E-08	1.4E-08	6.6E-09	4.0E-08	3.4E-08	1.1E-07
87	UCART1	593047.59, 4122879.92	3.50E-04	6.26E-04	2.87E-04	1.26E-03	3.09E-05	1.21E-04	0.00E+00	3.27E-08	1.52E-04	2.3E-07	4.1E-07	1.9E-07	1.0E-07	2.2E-08	1.5E-08	7.2E-09	4.4E-08	3.9E-08	1.3E-07
88	UCART1	593087.59, 4122879.92	3.72E-04	6.68E-04	3.10E-04	1.35E-03	3.28E-05	1.27E-04	0.00E+00	3.50E-08	1.60E-04	2.5E-07	4.4E-07	2.0E-07	1.1E-07	2.3E-08	1.6E-08	7.8E-09	4.7E-08	4.2E-08	1.3E-07
89	UCART1	593127.59, 4122879.92	3.97E-04	7.14E-04	3.38E-04	1.45E-03	3.52E-05	1.34E-04	0.00E+00	3.66E-08	1.69E-04	2.6E-07	4.7E-07	2.2E-07	1.1E-07	2.5E-08	1.7E-08	8.5E-09	5.0E-08	4.4E-08	1.4E-07
90	UCART1	593167.59, 4122879.92	4.35E-04	7.70E-04	3.82E-04	1.59E-03	3.90E-05	1.53E-04	0.00E+00	3.89E-08	1.92E-04	2.9E-07	5.1E-07	2.5E-07	1.3E-07	2.7E-08	1.8E-08	9.6E-09	5.5E-08	5.0E-08	1.6E-07
91	UCART1	593207.59, 4122879.92	4.67E-04	8.26E-04	4.17E-04	1.71E-03	4.14E-05	1.61E-04	0.00E+00	4.05E-08	2.02E-04	3.1E-07	5.5E-07	2.8E-07	1.3E-07	2.9E-08	1.9E-08	1.0E-08	5.9E-08	5.3E-08	1.7E-07
92	UCART1	593247.59, 4122879.92	5.11E-04	8.87E-04	4.63E-04	1.86E-03	4.39E-05	1.69E-04	0.00E+00	4.28E-08	2.13E-04	3.4E-07	5.9E-07	3.1E-07	1.4E-07	3.2E-08	2.1E-08	1.2E-08	6.4E-08	5.5E-08	1.8E-07
93	UCART1	593287.59, 4122879.92	5.55E-04	9.39E-04	5.04E-04	2.00E-03	4.64E-05	1.76E-04	0.00E+00	4.51E-08	2.23E-04	3.7E-07	6.2E-07	3.3E-07	1.5E-07	3.5E-08	2.2E-08	1.3E-08	6.9E-08	5.8E-08	2.0E-07
94	UCART1	593327.59, 4122879.92	5.98E-04	9.79E-04	5.47E-04	2.12E-03	4.92E-05	1.84E-04	0.00E+00	4.82E-08	2.33E-04	4.0E-07	6.5E-07	3.6E-07	1.5E-07	3.7E-08	2.3E-08	1.4E-08	7.4E-08	6.1E-08	2.1E-07
95	UCART1	593367.59, 4122879.92	6.40E-04	1.01E-03	5.88E-04	2.24E-03	5.26E-05	1.92E-04	0.00E+00	5.21E-08	2.44E-04	4.2E-07	6.7E-07	3.9E-07	1.6E-07	4.0E-08	2.4E-08	1.5E-08	7.8E-08	6.3E-08	2.2E-07
96	UCART1	593407.59, 4122879.92	6.85E-04	1.05E-03	6.35E-04	2.37E-03	5.71E-05	2.01E-04	0.00E+00	5.60E-08	2.58E-04	4.5E-07	7.0E-07	4.2E-07	1.7E-07	4.3E-08	2.5E-08	1.6E-08	8.3E-08	6.7E-08	2.3E-07
97	UCART1	593447.59, 4122879.92	7.28E-04	1.10E-03	6.79E-04	2.50E-03	6.24E-05	2.13E-04	0.00E+00	6.15E-08	2.75E-04	4.8E-07	7.3E-07	4.5E-07	1.8E-07	4.5E-08	2.6E-08	1.7E-08	8.8E-08	7.2E-08	2.5E-07
98	UCART1	593487.59, 4122879.92	7.75E-04	1.16E-03	7.28E-04	2.66E-03	6.88E-05	2.28E-04	0.00E+00	6.85E-08	2.97E-04	5.1E-07	7.7E-07	4.8E-07	2.0E-07	4.8E-08	2.7E-08	1.8E-08	9.4E-08	7.7E-08	2.6E-07
99	UCART1	593527.59, 4122879.92	8.27E-04	1.24E-03	7.88E-04	2.86E-03	7.61E-05	2.45E-04	0.00E+00	7.78E-08	3.22E-04	5.5E-07	8.2E-07	5.2E-07	2.1E-07	5.2E-08	2.9E-08	2.0E-08	1.0E-07	8.4E-08	2.8E-07
100	UCART1	593567.59, 4122879.92	8.82E-04	1.37E-03	8.67E-04	3.12E-03	8.46E-05	2.65E-04	0.00E+00	9.10E-08	3.50E-04	5.8E-07	9.1E-07	5.7E-07	2.3E-07	5.5E-08	3.2E-08	2.2E-08	1.1E-07	9.1E-08	3.1E-07
101	UCART1	593607.59, 4122879.92	9.35E-04	1.53E-03	9.56E-04	3.42E-03	9.37E-05	2.86E-04	0.00E+00	1.02E-07	3.80E-04	6.2E-07	1.0E-06	6.3E-07	2.5E-07	5.8E-08	3.6E-08	2.4E-08	1.2E-07	9.9E-08	3.3E-07
102	UCART1	593647.59, 4122879.92	1.00E-03	1.73E-03	1.08E-03	3.81E-03	1.03E-04	3.09E-04	0.00E+00	1.14E-07	4.12E-04	6.6E-07	1.1E-06	7.1E-07	2.7E-07	6.3E-08	4.0E-08	2.7E-08	1.3E-07	1.1E-07	3.7E-07
103	UCART1	593687.59, 4122879.92	1.08E-03	1.94E-03	1.21E-03	4.23E-03	1.13E-04	3.33E-04	0.00E+00	1.20E-07	4.46E-04	7.1E-07	1.3E-06	8.0E-07	3.0E-07	6.7E-08	4.5E-08	3.0E-08	1.4E-07	1.2E-07	4.0E-07
104	UCART1	593727.59, 4122879.92	1.17E-03	2.14E-03	1.35E-03	4.66E-03	1.21E-04	3.61E-04	0.00E+00	1.31E-07	4.82E-04	7.7E-07	1.4E-06	8.9E-07	3.2E-07	7.3E-08	5.0E-08	3.4E-08	1.6E-07	1.3E-07	4.4E-07
105	UCART1	593767.59, 4122879.92	1.27E-03	2.32E-03	1.49E-03	5.09E-03	1.27E-04	3.92E-04	0.00E+00	1.45E-07	5.20E-04	8.4E-07	1.5E-06	9.9E-07	3.4E-07	8.0E-08	5.4E-08	3.8E-08	1.7E-07	1.4E-07	4.8E-07
106	UCART1	593807.59, 4122879.92	1.39E-03	2.47E-03	1.61E-03	5.48E-03	1.31E-04	4.25E-04	0.00E+00	1.70E-07	5.56E-04	9.2E-07	1.6E-06	1.1E-06	3.7E-07	8.7E-08	5.8E-08	4.1E-08	1.9E-07	1.4E-07	5.2E-07
107	UCART1	593847.59, 4122879.92	1.53E-03	2.57E-03	1.71E-03	5.81E-03	1.34E-04	4.56E-04	0.00E+00	2.09E-07	5.89E-04	1.0E-06	1.7E-06	1.1E-06	3.9E-07	9.5E-08	6.0E-08	4.3E-08	2.0E-07	1.5E-07	5.5E-07
108	UCART1	593887.59, 4122879.92	1.66E-03	2.63E-03	1.77E-03	6.06E-03	1.33E-04	4.83E-04	0.00E+00	2.55E-07	6.17E-04	1.1E-06	1.7E-06	1.2E-06	4.1E-07	1.0E-07	6.2E-08	4.4E-08	2.1E-07	1.6E-07	5.8E-07
109	UCART1	593927.59, 4122879.92	1.79E-03	2.65E-03	1.79E-03	6.23E-03	1.32E-04	5.05E-04	0.00E+00	3.19E-07	6.37E-04	1.2E-06	1.8E-06	1.2E-06	4.2E-07	1.1E-07	6.2E-08	4.5E-08	2.2E-07	1.7E-07	6.0E-07
110	UCART1	593967.59, 4122879.92	1.91E-03	2.62E-03	1.77E-03	6.30E-03	1.28E-04	5.22E-04	0.00E+00	3.78E-07	6.50E-04	1.3E-06	1.7E-06	1.2E-06	4.3E-07	1.2E-07	6.1E-08	4.5E-08	2.3E-07	1.7E-07	6.2E-07
111	UCART1	594007.59, 4122879.92	2.00E-03	2.55E-03	1.72E-03	6.27E-03	1.23E-04	5.32E-04	0.00E+00	4.40E-07	6.55E-04	1.3E-06	1.7E-06	1.1E-06	4.3E-07	1.2E-07	6.0E-08	4.3E-08	2.3E-07	1.7E-07	6.3E-07
112	UCART1	592567.59, 4122919.92	1.96E-04	2.84E-04	1.42E-04	6.22E-04	1.27E-05	5.74E-05	0.00E+00	1.71E-08	7.01E-05	1.3E-07	1.9E-07	9.4E-08	4.6E-08	1.2E-08	6.6E-09	3.6E-09	2.2E-08	1.8E-08	6.3E-08
113	UCART1	592607.59, 4122919.92	2.04E-04	3.00E-04	1.49E-04	6.54E-04	1.34E-05	6.01E-05	0.00E+00	1.79E-08	7.35E-05	1.4E-07	2.0E-07	9.9E-08	4.9E-08	1.3E-08	7.0E-09	3.8E-09	2.4E-08	1.9E-08	6.6E-08
114	UCART1	592647.59, 4122919.92	2.13E-04	3.19E-04	1.57E-04	6.90E-04	1.42E-05	6.32E-05	0.00E+00	1.94E-08	7.75E-05	1.4E-07	2.1E-07	1.0E-07	5.1E-08	1.3E-08	7.5E-09	4.0E-09	2.5E-08	2.0E-08	7.0E-08
115	UCART1	592687.59, 4122919.92	2.23E-04	3.40E-04	1.66E-04	7.30E-04	1.51E-05	6.67E-05	0.00E+00	2.10E-08	8.19E-05	1.5E-07	2.3E-07	1.1E-07	5.4E-08	1.4E-08	8.0E-09	4.2E-09	2.6E-08	2.1E-08	7.3E-08
116	UCART1	592727.59, 4122919.92	2.35E-04	3.65E-04	1.76E-04	7.76E-04	1.63E-05	7.10E-05	0.00E+00	2.18E-08	8.73E-05	1.6E-07	2.4E-07	1.2E-07	5.8E-08	1.5E-08	8.5E-09	4.4E-09	2.8E-08	2.3E-08	7.8E-08
117	UCART1	592767.59, 4122919.92	2.46E-04	3.91E-04	1.87E-04	8.24E-04	1.74E-05	7.53E-05	0.00E+00	2.33E-08	9.27E-05	1.6E-07	2.6E-07	1.2E-07	6.1E-08	1.5E-08	9.1E-09	4.7E-09	2.9E-08	2.4E-08	8.3E-08
118	UCART1	592807.59, 4122919.92	2.59E-04	4.18E-04	1.98E-04	8.75E-04	1.86E-05	7.98E-05	0.00E+00	2.49E-08	9.84E-05	1.7E-07	2.8E-07	1.3E-07	6.5E-08	1.6E-08	9.8E-09	5.0E-09	3.1E-08	2.6E-08	8.7E-08
119	UCART1	592847.59, 4122919.92	2.74E-04	4.55E-04	2.13E-04	9.41E-04	2.02E-05	8.59E-05	0.00E+00	2.64E-08	1.06E-04	1.8E-07	3.0E-07	1.4E-07	7.0E-08	1.7E-08	1.1E-08	5.3E-09	3.3E-08	2.8E-08	9.4E-08
120	UCART1	592887.59, 4122919.92	2.89E-04	4.92E-04	2.27E-04	1.01E-03	2.18E-05	9.16E-05	0.00E+00	2.80E-08	1.13E-04	1.9E-07	3.3E-07	1.5E-07	7.5E-08	1.8E-08	1.2E-08	5.7E-09	3.5E-08	2.9E-08	1.0E-07
121	UCART1	592927.59, 4122919.92	3.12E-04	5.52E-04	2.48E-04	1.11E-03	2.48E-05	1.01E-04	0.00E+00	3.03E-08	1.25E-04	2.1E-07	3.7E-07	1.6E-07	8.3E-08	1.9E-08	1.3E-08	6.2E-09	3.9E-08	3.3E-08	1.1E-07
122	UCART1	592967.59, 4122919.92	3.34E-04	6.07E-04	2.69E-04	1.21E-03	2.91E-05	1.09E-04	0.00E+00	3.19E-08	1.38E-04	2.2E-07	4.0E-07	1.8E-07	9.1E-08	2.1E-08	1.4E-08	6.8E-09	4.2E-08	3.6E-08	1.2E-07
123	UCART1	593007.59, 4122919.92	3.56E-04	6.56E-04	2.91E-04	1.30E-03	3.14E-05	1.15E-04	0.00E+00	3.42E-08	1.46E-04	2.4E-07	4.3E-07	1.9E-07	9.7E-08	2.2E-08	1.5E-08	7.3E-09	4.5E-08	3.8E-08	1.3E-07
124	UCART1	593047.59, 4122919.92	3.79E-04	7.07E-04	3.16E-04	1.40E-03	3.37E-05	1.21E-04	0.00E+00	3.58E-08	1.55E-04	2.5E-07	4.7E-07	2.1E-07	1.0E-07	2.4E-08	1.7E-08	8.0E-09	4.8E-08	4.0E-08	1.4E-07

125	UCART1	593087.59, 4122919.92	4.09E-04	7.63E-04	3.48E-04	1.52E-03	3.74E-05	1.41E-04	0.00E+00	3.81E-08	1.78E-04	2.7E-07	5.0E-07	2.3E-07	1.2E-07	2.5E-08	1.8E-08	8.8E-09	5.2E-08	4.6E-08	1.5E-07
126	UCART1	593127.59, 4122919.92	4.43E-04	8.24E-04	3.88E-04	1.65E-03	4.09E-05	1.49E-04	0.00E+00	4.05E-08	1.90E-04	2.9E-07	5.4E-07	2.6E-07	1.3E-07	2.8E-08	1.9E-08	9.8E-09	5.7E-08	4.9E-08	1.6E-07
127	UCART1	593167.59, 4122919.92	4.90E-04	8.95E-04	4.43E-04	1.83E-03	4.50E-05	1.71E-04	0.00E+00	4.28E-08	2.16E-04	3.2E-07	5.9E-07	2.9E-07	1.4E-07	3.1E-08	2.1E-08	1.1E-08	6.3E-08	5.6E-08	1.8E-07
128	UCART1	593207.59, 4122919.92	5.23E-04	9.66E-04	4.84E-04	1.97E-03	4.81E-05	1.80E-04	0.00E+00	4.51E-08	2.28E-04	3.5E-07	6.4E-07	3.2E-07	1.5E-07	3.3E-08	2.3E-08	1.2E-08	6.7E-08	5.9E-08	1.9E-07
129	UCART1	593247.59, 4122919.92	5.86E-04	1.05E-03	5.43E-04	2.18E-03	5.14E-05	1.90E-04	0.00E+00	4.82E-08	2.42E-04	3.9E-07	6.9E-07	3.6E-07	1.6E-07	3.7E-08	2.4E-08	1.4E-08	7.5E-08	6.3E-08	2.1E-07
130	UCART1	593287.59, 4122919.92	6.30E-04	1.12E-03	5.96E-04	2.34E-03	5.46E-05	1.99E-04	0.00E+00	5.13E-08	2.54E-04	4.2E-07	7.4E-07	3.9E-07	1.7E-07	3.9E-08	2.6E-08	1.5E-08	8.0E-08	6.6E-08	2.3E-07
131	UCART1	593327.59, 4122919.92	6.91E-04	1.17E-03	6.62E-04	2.53E-03	5.84E-05	2.09E-04	0.00E+00	5.45E-08	2.68E-04	4.6E-07	7.8E-07	4.4E-07	1.8E-07	4.3E-08	2.7E-08	1.7E-08	8.7E-08	7.0E-08	2.4E-07
132	UCART1	593367.59, 4122919.92	7.42E-04	1.22E-03	7.16E-04	2.68E-03	6.30E-05	2.19E-04	0.00E+00	5.83E-08	2.82E-04	4.9E-07	8.1E-07	4.7E-07	1.9E-07	4.6E-08	2.9E-08	1.8E-08	9.3E-08	7.3E-08	2.6E-07
133	UCART1	593407.59, 4122919.92	7.98E-04	1.28E-03	7.77E-04	2.85E-03	6.91E-05	2.30E-04	0.00E+00	6.30E-08	3.00E-04	5.3E-07	8.4E-07	5.1E-07	2.0E-07	5.0E-08	3.0E-08	2.0E-08	9.9E-08	7.8E-08	2.8E-07
134	UCART1	593447.59, 4122919.92	8.58E-04	1.34E-03	8.39E-04	3.04E-03	7.66E-05	2.46E-04	0.00E+00	7.00E-08	3.22E-04	5.7E-07	8.9E-07	5.6E-07	2.1E-07	5.4E-08	3.1E-08	2.1E-08	1.1E-07	8.4E-08	3.0E-07
135	UCART1	593487.59, 4122919.92	9.24E-04	1.44E-03	9.12E-04	3.28E-03	8.57E-05	2.65E-04	0.00E+00	7.86E-08	3.51E-04	6.1E-07	9.5E-07	6.0E-07	2.3E-07	5.8E-08	3.4E-08	2.3E-08	1.1E-07	9.1E-08	3.2E-07
136	UCART1	593527.59, 4122919.92	9.86E-04	1.58E-03	1.00E-03	3.57E-03	9.61E-05	2.88E-04	0.00E+00	8.95E-08	3.84E-04	6.5E-07	1.0E-06	6.6E-07	2.5E-07	6.2E-08	3.7E-08	2.5E-08	1.2E-07	1.0E-07	3.5E-07
137	UCART1	593567.59, 4122919.92	1.06E-03	1.78E-03	1.11E-03	3.95E-03	1.08E-04	3.13E-04	0.00E+00	1.06E-07	4.21E-04	7.0E-07	1.2E-06	7.4E-07	2.8E-07	6.6E-08	4.2E-08	2.8E-08	1.4E-07	1.1E-07	3.8E-07
138	UCART1	593607.59, 4122919.92	1.13E-03	2.03E-03	1.25E-03	4.41E-03	1.20E-04	3.39E-04	0.00E+00	1.19E-07	4.60E-04	7.5E-07	1.3E-06	8.3E-07	3.0E-07	7.0E-08	4.7E-08	3.1E-08	1.5E-07	1.2E-07	4.2E-07
139	UCART1	593647.59, 4122919.92	1.22E-03	2.30E-03	1.42E-03	4.95E-03	1.33E-04	3.69E-04	0.00E+00	1.33E-07	5.02E-04	8.1E-07	1.5E-06	9.4E-07	3.3E-07	7.6E-08	5.4E-08	3.6E-08	1.7E-07	1.3E-07	4.6E-07
140	UCART1	593687.59, 4122919.92	1.33E-03	2.57E-03	1.62E-03	5.52E-03	1.43E-04	4.03E-04	0.00E+00	1.42E-07	5.46E-04	8.8E-07	1.7E-06	1.1E-06	3.6E-07	8.3E-08	6.0E-08	4.1E-08	1.8E-07	1.4E-07	5.1E-07
141	UCART1	593727.59, 4122919.92	1.46E-03	2.81E-03	1.81E-03	6.08E-03	1.52E-04	4.40E-04	0.00E+00	1.58E-07	5.92E-04	9.7E-07	1.9E-06	1.2E-06	3.9E-07	9.1E-08	6.6E-08	4.6E-08	2.0E-07	1.5E-07	5.6E-07
142	UCART1	593767.59, 4122919.92	1.61E-03	3.00E-03	1.98E-03	6.59E-03	1.57E-04	4.80E-04	0.00E+00	1.80E-07	6.38E-04	1.1E-06	2.0E-06	1.3E-06	4.2E-07	1.0E-07	7.0E-08	5.0E-08	2.2E-07	1.7E-07	6.1E-07
143	UCART1	593807.59, 4122919.92	1.78E-03	3.12E-03	2.10E-03	7.00E-03	1.59E-04	5.20E-04	0.00E+00	2.18E-07	6.79E-04	1.2E-06	2.1E-06	1.4E-06	4.5E-07	1.1E-07	7.3E-08	5.3E-08	2.4E-07	1.8E-07	6.5E-07
144	UCART1	593847.59, 4122919.92	1.95E-03	3.17E-03	2.17E-03	7.30E-03	1.58E-04	5.54E-04	0.00E+00	2.75E-07	7.13E-04	1.3E-06	2.1E-06	1.4E-06	4.7E-07	1.2E-07	7.4E-08	5.5E-08	2.5E-07	1.9E-07	6.9E-07
145	UCART1	593887.59, 4122919.92	2.11E-03	3.16E-03	2.19E-03	7.47E-03	1.55E-04	5.82E-04	0.00E+00	3.42E-07	7.37E-04	1.4E-06	2.1E-06	1.4E-06	4.9E-07	1.3E-07	7.4E-08	5.5E-08	2.6E-07	1.9E-07	7.1E-07
146	UCART1	593927.59, 4122919.92	2.26E-03	3.09E-03	2.15E-03	7.51E-03	1.49E-04	6.02E-04	0.00E+00	4.23E-07	7.52E-04	1.5E-06	2.0E-06	1.4E-06	5.0E-07	1.4E-07	7.2E-08	5.4E-08	2.7E-07	2.0E-07	7.3E-07
147	UCART1	593967.59, 4122919.92	2.37E-03	2.97E-03	2.07E-03	7.42E-03	1.42E-04	6.13E-04	0.00E+00	5.07E-07	7.56E-04	1.6E-06	2.0E-06	1.4E-06	5.0E-07	1.5E-07	7.0E-08	5.2E-08	2.7E-07	2.0E-07	7.4E-07
148	UCART1	594007.59, 4122919.92	2.45E-03	2.82E-03	1.96E-03	7.22E-03	1.34E-04	6.16E-04	0.00E+00	5.86E-07	7.51E-04	1.6E-06	1.9E-06	1.3E-06	5.0E-07	1.5E-07	6.6E-08	4.9E-08	2.7E-07	2.0E-07	7.3E-07
149	UCART1	592567.59, 4122959.92	2.09E-04	3.05E-04	1.53E-04	6.67E-04	1.39E-05	6.21E-05	0.00E+00	1.71E-08	7.60E-05	1.4E-07	2.0E-07	1.0E-07	5.0E-08	1.3E-08	7.1E-09	3.9E-09	2.4E-08	2.0E-08	6.8E-08
150	UCART1	592607.59, 4122959.92	2.17E-04	3.22E-04	1.61E-04	7.00E-04	1.46E-05	6.46E-05	0.00E+00	1.87E-08	7.92E-05	1.4E-07	2.1E-07	1.1E-07	5.2E-08	1.4E-08	7.5E-09	4.0E-09	2.5E-08	2.1E-08	7.1E-08
151	UCART1	592647.59, 4122959.92	2.27E-04	3.43E-04	1.69E-04	7.40E-04	1.55E-05	6.80E-05	0.00E+00	1.94E-08	8.35E-05	1.5E-07	2.3E-07	1.1E-07	5.5E-08	1.4E-08	8.0E-09	4.3E-09	2.6E-08	2.2E-08	7.5E-08
152	UCART1	592687.59, 4122959.92	2.39E-04	3.68E-04	1.79E-04	7.85E-04	1.65E-05	7.18E-05	0.00E+00	2.10E-08	8.83E-05	1.6E-07	2.4E-07	1.2E-07	5.8E-08	1.5E-08	8.6E-09	4.5E-09	2.8E-08	2.3E-08	7.9E-08
153	UCART1	592727.59, 4122959.92	2.51E-04	3.96E-04	1.91E-04	8.38E-04	1.77E-05	7.64E-05	0.00E+00	2.26E-08	9.42E-05	1.7E-07	2.6E-07	1.3E-07	6.2E-08	1.6E-08	9.3E-09	4.8E-09	3.0E-08	2.4E-08	8.4E-08
154	UCART1	592767.59, 4122959.92	2.65E-04	4.26E-04	2.03E-04	8.94E-04	1.90E-05	8.11E-05	0.00E+00	2.41E-08	1.00E-04	1.8E-07	2.8E-07	1.3E-07	6.6E-08	1.7E-08	1.0E-08	5.1E-09	3.2E-08	2.6E-08	8.9E-08
155	UCART1	592807.59, 4122959.92	2.79E-04	4.58E-04	2.16E-04	9.53E-04	2.04E-05	8.61E-05	0.00E+00	2.64E-08	1.06E-04	1.8E-07	3.0E-07	1.4E-07	7.0E-08	1.7E-08	1.1E-08	5.4E-09	3.4E-08	2.8E-08	9.5E-08
156	UCART1	592847.59, 4122959.92	2.96E-04	5.02E-04	2.33E-04	1.03E-03	2.23E-05	9.31E-05	0.00E+00	2.80E-08	1.15E-04	2.0E-07	3.3E-07	1.5E-07	7.6E-08	1.8E-08	1.2E-08	5.9E-09	3.6E-08	3.0E-08	1.0E-07
157	UCART1	592887.59, 4122959.92	3.14E-04	5.45E-04	2.50E-04	1.11E-03	2.41E-05	9.95E-05	0.00E+00	3.03E-08	1.24E-04	2.1E-07	3.6E-07	1.7E-07	8.2E-08	2.0E-08	1.3E-08	6.3E-09	3.9E-08	3.2E-08	1.1E-07
158	UCART1	592927.59, 4122959.92	3.36E-04	6.05E-04	2.72E-04	1.21E-03	2.69E-05	1.08E-04	0.00E+00	3.19E-08	1.35E-04	2.2E-07	4.0E-07	1.8E-07	8.9E-08	2.1E-08	1.4E-08	6.8E-09	4.2E-08	3.5E-08	1.2E-07
159	UCART1	592967.59, 4122959.92	3.61E-04	6.72E-04	2.97E-04	1.33E-03	3.10E-05	1.17E-04	0.00E+00	3.50E-08	1.48E-04	2.4E-07	4.4E-07	2.0E-07	9.8E-08	2.3E-08	1.6E-08	7.5E-09	4.6E-08	3.9E-08	1.3E-07
160	UCART1	593007.59, 4122959.92	3.92E-04	7.40E-04	3.27E-04	1.46E-03	3.60E-05	1.38E-04	0.00E+00	3.66E-08	1.74E-04	2.6E-07	4.9E-07	2.2E-07	1.1E-07	2.4E-08	1.7E-08	8.2E-09	5.0E-08	4.5E-08	1.5E-07
161	UCART1	593047.59, 4122959.92	4.24E-04	8.10E-04	3.62E-04	1.60E-03	3.99E-05	1.47E-04	0.00E+00	3.97E-08	1.87E-04	2.8E-07	5.4E-07	2.4E-07	1.2E-07	2.6E-08	1.9E-08	9.1E-09	5.5E-08	4.9E-08	1.6E-07
162	UCART1	593087.59, 4122959.92	4.51E-04	8.80E-04	3.93E-04	1.72E-03	4.27E-05	1.56E-04	0.00E+00	4.20E-08	1.99E-04	3.0E-07	5.8E-07	2.6E-07	1.3E-07	2.8E-08	2.1E-08	9.9E-09	5.9E-08	5.2E-08	1.7E-07
163	UCART1	593127.59, 4122959.92	4.98E-04	9.63E-04	4.51E-04	1.91E-03	4.82E-05	1.81E-04	0.00E+00	4.51E-08	2.29E-04	3.3E-07	6.4E-07	3.0E-07	1.5E-07	3.1E-08	2.3E-08	1.1E-08	6.5E-08	6.0E-08	1.9E-07
164	UCART1	593167.59, 4122959.92	5.56E-04	1.06E-03	5.18E-04	2.13E-03	5.26E-05	1.93E-04	0.00E+00	4.82E-08	2.45E-04	3.7E-07	7.0E-07	3.4E-07	1.6E-07	3.5E-08	2.5E-08	1.3E-08	7.2E-08	6.4E-08	2.1E-07
165	UCART1	593207.59, 4122959.92	6.03E-04	1.15E-03	5.76E-04	2.33E-03	5.67E-05	2.04E-04	0.00E+00	5.06E-08	2.61E-04	4.0E-07	7.6E-07	3.8E-07	1.7E-07	3.8E-08	2.7E-08	1.4E-08	7.9E-08	6.8E-08	2.3E-07
166	UCART1	593247.59, 4122959.92	6.76E-04	1.26E-03	6.52E-04	2.59E-03	6.12E-05	2.17E-04	0.00E+00	5.45E-08	2.78E-04	4.5E-07	8.3E-07	4.3E-07	1.8E-07	4.2E-08	3.0E-08	1.6E-08	8.8E-08	7.2E-08	2.5E-07
167	UCART1	593287.59, 4122959.92	7.32E-04	1.36E-03	7.21E-04	2.81E-03	6.55E-05	2.28E-04	0.00E+00	5.76E-08	2.94E-04	4.8E-07	9.0E-07	4.8E-07	1.9E-07	4.6E-08	3.2E-08	1.8E-08	9.6E-08	7.6E-08	2.7E-07
168	UCART1	593327.59, 4122959.92	8.08E-04	1.44E-03	8.13E-04	3.06E-03	7.09E-05	2.41E-04	0.00E+00	6.22E-08	3.12E-04	5.3E-07	9.5E-07	5.4E-07	2.1E-07	5.0E-08	3.4E-08	2.0E-08	1.0E-07	8.1E-08	2.9E-07
169	UCART1	593367.59, 4122959.92	8.68E-04	1.50E-03	8.84E-04	3.26E-03	7.71E-05	2.53E-04	0.00E+00	6.69E-08	3.30E-04	5.7E-07	9.9E-07	5.9E-07	2.2E-07	5.4E-08	3.5E-08	2.2E-08	1.1E-07	8.6E-08	3.1E-07
170	UCART1	593407.59, 4122959.92	9.47E-04	1.59E-03	9.75E-04	3.51E-03	8.58E-05	2.68E-04	0.00E+00	7.23E-08	3.54E-04	6.3E-07	1.0E-06	6.5E-07	2.3E-07	5.9E-08	3.7E-08	2.5E-08	1.2E-07	9.2E-08	3.3E-07
171	UCART1	593447.59, 4122959.92	1.02E-03	1.69E-03	1.06E-03	3.77E-03	9.66E-05	2.87E-04	0.00E+00	7.93E-08	3.84E-04	6.8E-07	1.1E-06	7.0E-07	2.5E-07	6.4E-08	4.0E-08	2.7E-08	1.3E-07	1.0E-07	3.6E-07
172	UCART1	593487.59, 4122959.92	1.11E-03	1.86E-03	1.17E-03	4.14E-03	1.10E-04	3.13E-04	0.00E+00	9.02E-08	4.23E-04	7.3E-07	1.2E-06	7.8E-07	2.8E-07	6.9E-08	4.3E-08	3.0E-08	1.4E-07	1.1E-07	3.9E-07
173	UCART1	593527.59, 4122959.92	1.19E-03	2.09E-03	1.30E-03	4.59E-03	1.25E-04	3.42E-04	0.00E+00	1.03E-07	4.67E-04	7.9E-07	1.4E-06	8.6E-07	3.1E-07	7.4E-08	4.9E-08	3.3E-08	1.6E-07	1.2E-07	4.3E-07
174	UCART1	593567.59, 4122959.92	1.29E-03	2.42E-03	1.48E-03	5.20E-03	1.42E-04	3.75E-04	0.00E+00	1.24E-07	5.18E-04	8.6E-07	1.6E-06	9.8E-07	3.4E-07	8.1E-08	5.7E-08	3.7E-08	1.7E-07	1.3E-07	4.8E-07
175	UCART1	593607.59, 4122959.92	1.40E-03	2.79E-03	1.70E-03	5.88E-03	1.59E-04	4.10E-04	0.00E+00	1.40E-07	5.69E-04	9.2E-07	1.8E-06	1.1E-06	3.8E-07	8.7E-08	6.5E-08	4.3E-08	1.9E-07	1.5E-07	5.4E-07
176	UCART1	593647.59, 4122959.92	1.52E-03	3.15E-03	1.95E-03	6.62E-03	1.73E-04	4.51E-04	0.00E+00	1.57E-07	6.25E-04	1.0E-06	2.1E-06	1.3E-06	4.1E-07	9.5E-08	7.4E-08	4.9E-08	2.2E-07	1.6E-07	6.0E-07
177	UCART1	593687.59, 4122959.92	1.68E-03	3.46E-03	2.22E-03	7.36E-03	1.84E-04	4.98E-04	0.00E+00	1.70E-07	6.82E-04	1.1E-06	2.3E-06	1.5E-06	4.5E-07	1.0E-07	8.1E-08	5.6E-08	2.4E-07	1.8E-07	6.6E-07
178	UCART1	593727.59, 4122959.92	1.87E-03	3.70E-03	2.46E-03	8.03E-03	1.91E-04	5.48E-04	0.00E+00	1.93E-07	7.39E-04	1.2E-06	2.4E-06	1.6E-06	4.9E-07	1.2E-07	8.7E-08	6.2E-08	2.7E-07	1.9E-07	7.2E-07
179	UCART1	593767.59, 4122959.92	2.09E-03	3.84E-03	2.64E-03	8.57E-03	1.92E-04	5.98E-04	0.00E+00	2.29E-07	7.91E-04	1.4E-06	2.5E-06	1.7E-06	5.2E-07	1.3E-07	9.0E-08	6.6E-08	2.9E-07	2.1E-07	7.8E-07
180	UCART1	593807.59, 4122959.92	2.32E-03	3.88E-03	2.73E-03	8.93E-03	1.90E-04	6.43E-04	0.00E+00	2.91E-07	8.33E-04	1.5E-06	2.6E-06	1.8E-06	5.5E-07	1.4E-07	9.1E-08	6.9E-08	3.0E-07	2.2E-07	8.2E-07
181	UCART1	593847.59, 4122959.92	2.54E-03	3.83E-03	2.74E-03	9.11E-03	1.84E-04	6.79E-04	0.00E+00	3.73E-07	8.63E-04	1.7E-06	2.5E-06	1.8E-06	5.7E-07	1.6E-07	9.0E-08	6.9E-08	3.2E-07	2.2E-07	8.6E-07
182	UCART1	593887.59, 4122959.92	2.73E-03	3.69E-03	2.67E-03	9.09E-03	1.76E-04	7.03E-04	0.00E+00	4.75E-07	8.79E-04	1.8E-06	2.4E-06	1.8E-06	5.8E-07	1.7E-07	8.6E-08	6.7E-08	3.2E-07	2.3E-07	8.8E-07
183	UCART1	593927.59, 4122959.92	2.87E-03	3.49E-03	2.54E-03	8.90E-03	1.66E-04	7.16E-04	0.00E+00	5.71E-07	8.82E-04	1.9E-06	2.3E-06	1.7E-06	5.8E-07	1.8E-07	8.2E-08	6.4E-08	3.2E-07	2.3E-07	8.8E-07
184	UCART1	593967.59, 4122959.92	2.96E-03	3.25E-03	2.37E-03	8.58E-03	1.55E-04	7.18E-04	0.00E+00	6.83E-07	8.73E-04	2.0E-06	2.2E-06	1.6E-06	5.8E-07	1.8E-07	7.6E-08	6.0E-08	3.2E-07	2.3E-07	8.7E-07
185	UCART1	594007.59, 4122959.92	2.98E-03	2.99E-03	2.17E-03	8.14E-03	1.43E-04	7.09E-04	0.00E+00	7.81E-07	8.53E-04	2.0E-06	2.0E-06	1.4E-06	5.6E-07	1.9E-07	7.0E-08	5.5E-08	3.1E-07	2.2E-07	8.4E-07
186	UCART1	592567.59, 4122999.92	2.25E-04	3.35E-04	1.66E-04	7.26E-04	1.55E-05	6.92E-05	0.00E+00	1.79E-08	8.48E-05	1.5E-07	2.2E-07	1.1E-07	5.6E-08	1.4E-08	7.8E-09	4.2E-09	2.6E-08	2.2E-08	7.4E-08
187	UCART1	592607.59, 4122999.92	2.32E-04	3.46E-04	1.73E-04	7.50E-04	1.58E-05	6.96E-05	0.00E+00	1.87E-08	8.55E-05	1.5E-07	2.3E-07	1.1E-07	5.7E-08	1.4E-08	8.1E-09	4.3E-09	2.7E-08	2.2E-08	7.6E-08
188	UCART1	592647.59, 4122999.92	2.43E-04	3.69E-04	1.82E-04	7.94E-04	1.68E-05	7.31E-05	0.00E+00	2.02E-08	8.99E-05	1.6E-07	2.4E-07	1.2E-07	5.9E-08	1.5E-08	8.6E-09	4.6E-09	2.8E-08	2.3E-08	8.0E-08
189	UCART1	592687.59, 4122999.92	2.55E-04	3.96E-04	1.94E-04	8.45E-04	1.79E-05	7.73E-05	0.00E+00	2.18E-08	9.52E-05	1.7E-07	2.6E-07	1.3E-07	6.3E-08	1.6E-08	9.3E-09	4.9E-09	3.0E-08	2.5E-08	8.5E-08
190	UCART1	592727.59, 4122999.92	2.70E-04	4.29E-04	2.07E-04	9.05E-04	1.93E-05	8.24E-05	0.00E+00	2.33E-08	1.02E-04	1.8E-07	2.8E-07	1.4E-07	6.7E-08	1.7E-08	1.0E-08	5.2E-09	3.2E-08	2.6E-08	9.1E-08
191	UCART1	592767.59, 4122999.92	2.85E-04	4.65E-04	2.21E-04	9.71E-04	2.08E-05	8.78E-05	0.00E+00	2.57E-08	1.09E-04	1.9E-07	3.1E-07	1.5E-07	7.2E-08	1.8E-08	1.1E-08	5.6E-09	3.4E-08	2.8E-08	9.7E-08
192	UCART1	592807.59, 4122999.92	3.02E-04	5.05E-04	2.37E-04	1.04E-03	2.25E-05	9.36E-05	0.00E+00	2.72E-08	1.16E-04	2.0E-07	3.3E-07	1.6E-07	7.7E-08	1.9E-08	1.2E-08	6.0E-09	3.7E-08	3.0E-08	1.0E-07
193	UCART1	592847.59, 4122999.92	3.21E-04	5.54E-04	2.56E-04	1.13E-03	2.46E-05	1.01E-04	0.00E+00	2.96E-08	1.26E-04	2.1E-07	3.7E-07	1.7E-07	8.3E-08	2.0E-08	1.3E-08	6.4E-09	3.9E-08	3.3E-08	1.1E-07

194	UCART1	592887.59, 4122999.92	3.43E-04	6.10E-04	2.77E-04	1.23E-03	2.69E-05	1.09E-04	0.00E+00	3.19E-08	1.36E-04	2.3E-07	4.0E-07	1.8E-07	9.0E-08	2.1E-08	1.4E-08	7.0E-09	4.3E-08	3.5E-08	1.2E-07
195	UCART1	592927.59, 4122999.92	3.68E-04	6.77E-04	3.02E-04	1.35E-03	3.05E-05	1.18E-04	0.00E+00	3.50E-08	1.49E-04	2.4E-07	4.5E-07	2.0E-07	9.8E-08	2.3E-08	1.6E-08	7.6E-09	4.6E-08	3.9E-08	1.3E-07
196	UCART1	592967.59, 4122999.92	3.95E-04	7.53E-04	3.31E-04	1.48E-03	3.50E-05	1.29E-04	0.00E+00	3.73E-08	1.64E-04	2.6E-07	5.0E-07	2.2E-07	1.1E-07	2.5E-08	1.8E-08	8.3E-09	5.1E-08	4.3E-08	1.4E-07
197	UCART1	593007.59, 4122999.92	4.30E-04	8.37E-04	3.66E-04	1.63E-03	4.05E-05	1.51E-04	0.00E+00	4.05E-08	1.92E-04	2.8E-07	5.5E-07	2.4E-07	1.3E-07	2.7E-08	2.0E-08	9.2E-09	5.6E-08	5.0E-08	1.6E-07
198	UCART1	593047.59, 4122999.92	4.67E-04	9.29E-04	4.08E-04	1.80E-03	4.53E-05	1.63E-04	0.00E+00	4.36E-08	2.09E-04	3.1E-07	6.1E-07	2.7E-07	1.4E-07	2.9E-08	2.2E-08	1.0E-08	6.1E-08	5.4E-08	1.8E-07
199	UCART1	593087.59, 4122999.92	5.01E-04	1.03E-03	4.46E-04	1.97E-03	4.88E-05	1.74E-04	0.00E+00	4.59E-08	2.23E-04	3.3E-07	6.8E-07	2.9E-07	1.5E-07	3.1E-08	2.4E-08	1.1E-08	6.6E-08	5.8E-08	1.9E-07
200	UCART1	593127.59, 4122999.92	5.63E-04	1.14E-03	5.23E-04	2.23E-03	5.64E-05	2.04E-04	0.00E+00	4.98E-08	2.60E-04	3.7E-07	7.6E-07	3.5E-07	1.7E-07	3.5E-08	2.7E-08	1.3E-08	7.5E-08	6.8E-08	2.2E-07
201	UCART1	593167.59, 4122999.92	6.34E-04	1.27E-03	6.06E-04	2.51E-03	6.22E-05	2.19E-04	0.00E+00	5.37E-08	2.81E-04	4.2E-07	8.4E-07	4.0E-07	1.9E-07	4.0E-08	3.0E-08	1.5E-08	8.4E-08	7.3E-08	2.4E-07
202	UCART1	593207.59, 4122999.92	6.98E-04	1.40E-03	6.84E-04	2.78E-03	6.81E-05	2.33E-04	0.00E+00	5.76E-08	3.02E-04	4.6E-07	9.3E-07	4.5E-07	2.0E-07	4.4E-08	3.3E-08	1.7E-08	9.3E-08	7.8E-08	2.7E-07
203	UCART1	593247.59, 4122999.92	7.81E-04	1.55E-03	7.93E-04	3.13E-03	7.44E-05	2.49E-04	0.00E+00	6.15E-08	3.24E-04	5.2E-07	1.0E-06	5.2E-07	2.1E-07	4.9E-08	3.6E-08	2.0E-08	1.1E-07	8.4E-08	2.9E-07
204	UCART1	593287.59, 4122999.92	8.55E-04	1.69E-03	8.92E-04	3.44E-03	8.05E-05	2.64E-04	0.00E+00	6.61E-08	3.45E-04	5.7E-07	1.1E-06	5.9E-07	2.3E-07	5.3E-08	4.0E-08	2.2E-08	1.2E-07	9.0E-08	3.2E-07
205	UCART1	593327.59, 4122999.92	9.53E-04	1.82E-03	1.02E-03	3.79E-03	8.81E-05	2.80E-04	0.00E+00	7.16E-08	3.69E-04	6.3E-07	1.2E-06	6.7E-07	2.4E-07	5.9E-08	4.3E-08	2.6E-08	1.3E-07	9.6E-08	3.5E-07
206	UCART1	593367.59, 4122999.92	1.04E-03	1.91E-03	1.12E-03	4.07E-03	9.74E-05	2.96E-04	0.00E+00	7.62E-08	3.93E-04	6.9E-07	1.3E-06	7.4E-07	2.6E-07	6.5E-08	4.5E-08	2.8E-08	1.4E-07	1.0E-07	3.8E-07
207	UCART1	593407.59, 4122999.92	1.15E-03	2.05E-03	1.26E-03	4.45E-03	1.11E-04	3.16E-04	0.00E+00	8.40E-08	4.27E-04	7.6E-07	1.4E-06	8.3E-07	2.8E-07	7.2E-08	4.8E-08	3.2E-08	1.5E-07	1.1E-07	4.1E-07
208	UCART1	593447.59, 4122999.92	1.24E-03	2.23E-03	1.39E-03	4.86E-03	1.27E-04	3.42E-04	0.00E+00	9.18E-08	4.69E-04	8.2E-07	1.5E-06	9.2E-07	3.1E-07	7.8E-08	5.2E-08	3.5E-08	1.6E-07	1.2E-07	4.5E-07
209	UCART1	593487.59, 4122999.92	1.36E-03	2.53E-03	1.57E-03	5.45E-03	1.48E-04	3.76E-04	0.00E+00	1.05E-07	5.24E-04	9.0E-07	1.7E-06	1.0E-06	3.5E-07	8.5E-08	5.9E-08	3.9E-08	1.8E-07	1.4E-07	5.0E-07
210	UCART1	593527.59, 4122999.92	1.48E-03	2.94E-03	1.78E-03	6.20E-03	1.71E-04	4.15E-04	0.00E+00	1.21E-07	5.85E-04	9.8E-07	1.9E-06	1.2E-06	3.9E-07	9.2E-08	6.9E-08	4.5E-08	2.1E-07	1.5E-07	5.6E-07
211	UCART1	593567.59, 4122999.92	1.63E-03	3.45E-03	2.08E-03	7.16E-03	1.94E-04	4.60E-04	0.00E+00	1.47E-07	6.54E-04	1.1E-06	2.3E-06	1.4E-06	4.3E-07	1.0E-07	8.1E-08	5.2E-08	2.3E-07	1.7E-07	6.4E-07
212	UCART1	593607.59, 4122999.92	1.78E-03	3.96E-03	2.42E-03	8.16E-03	2.14E-04	5.10E-04	0.00E+00	1.68E-07	7.24E-04	1.2E-06	2.6E-06	1.6E-06	4.8E-07	1.1E-07	9.3E-08	6.1E-08	2.6E-07	1.9E-07	7.2E-07
213	UCART1	593647.59, 4122999.92	1.98E-03	4.39E-03	2.80E-03	9.16E-03	2.29E-04	5.67E-04	0.00E+00	1.90E-07	7.96E-04	1.3E-06	2.9E-06	1.9E-06	5.3E-07	1.2E-07	1.0E-07	7.0E-08	3.0E-07	2.1E-07	8.0E-07
214	UCART1	593687.59, 4122999.92	2.21E-03	4.69E-03	3.14E-03	1.00E-02	2.37E-04	6.31E-04	0.00E+00	2.10E-07	8.68E-04	1.5E-06	3.1E-06	2.1E-06	5.7E-07	1.4E-07	1.1E-07	7.9E-08	3.3E-07	2.3E-07	8.8E-07
215	UCART1	593727.59, 4122999.92	2.50E-03	4.84E-03	3.40E-03	1.07E-02	2.37E-04	6.96E-04	0.00E+00	2.43E-07	9.34E-04	1.7E-06	3.2E-06	2.3E-06	6.2E-07	1.6E-07	1.1E-07	8.6E-08	3.5E-07	2.4E-07	9.5E-07
216	UCART1	593767.59, 4122999.92	2.81E-03	4.84E-03	3.53E-03	1.12E-02	2.32E-04	7.55E-04	0.00E+00	3.03E-07	9.87E-04	1.9E-06	3.2E-06	2.3E-06	6.5E-07	1.8E-07	1.1E-07	8.9E-08	3.8E-07	2.6E-07	1.0E-06
217	UCART1	593807.59, 4122999.92	3.10E-03	4.69E-03	3.52E-03	1.13E-02	2.22E-04	8.02E-04	0.00E+00	3.96E-07	1.02E-03	2.1E-06	3.1E-06	2.3E-06	6.8E-07	1.9E-07	1.1E-07	8.9E-08	3.9E-07	2.7E-07	1.1E-06
218	UCART1	593847.59, 4122999.92	3.36E-03	4.45E-03	3.39E-03	1.12E-02	2.09E-04	8.33E-04	0.00E+00	5.24E-07	1.04E-03	2.2E-06	2.9E-06	2.2E-06	6.9E-07	2.1E-07	1.0E-07	8.5E-08	4.0E-07	2.7E-07	1.1E-06
219	UCART1	593887.59, 4122999.92	3.55E-03	4.13E-03	3.17E-03	1.08E-02	1.95E-04	8.47E-04	0.00E+00	6.53E-07	1.04E-03	2.3E-06	2.7E-06	2.1E-06	6.9E-07	2.2E-07	9.7E-08	8.0E-08	4.0E-07	2.7E-07	1.1E-06
220	UCART1	593927.59, 4122999.92	3.64E-03	3.77E-03	2.90E-03	1.03E-02	1.79E-04	8.47E-04	0.00E+00	8.03E-07	1.03E-03	2.4E-06	2.5E-06	1.9E-06	6.8E-07	2.3E-07	8.8E-08	7.3E-08	3.9E-07	2.7E-07	1.0E-06
221	UCART1	593967.59, 4122999.92	3.66E-03	3.41E-03	2.60E-03	9.67E-03	1.63E-04	8.32E-04	0.00E+00	9.33E-07	9.96E-04	2.4E-06	2.3E-06	1.7E-06	6.6E-07	2.3E-07	8.0E-08	6.5E-08	3.7E-07	2.6E-07	1.0E-06
222	UCART1	594007.59, 4122999.92	3.59E-03	3.04E-03	2.31E-03	8.94E-03	1.48E-04	8.05E-04	0.00E+00	1.05E-06	9.54E-04	2.4E-06	2.0E-06	1.5E-06	6.3E-07	2.2E-07	7.1E-08	5.8E-08	3.5E-07	2.5E-07	9.5E-07
223	UCART1	592567.59, 4123039.92	2.40E-04	3.62E-04	1.77E-04	7.79E-04	1.76E-05	7.57E-05	0.00E+00	1.79E-08	9.33E-05	1.6E-07	2.4E-07	1.2E-07	6.2E-08	1.5E-08	8.5E-09	4.5E-09	2.8E-08	2.4E-08	8.0E-08
224	UCART1	592607.59, 4123039.92	2.48E-04	3.73E-04	1.85E-04	8.06E-04	1.73E-05	7.57E-05	0.00E+00	1.87E-08	9.31E-05	1.6E-07	2.5E-07	1.2E-07	6.2E-08	1.5E-08	8.7E-09	4.7E-09	2.9E-08	2.4E-08	8.2E-08
225	UCART1	592647.59, 4123039.92	2.59E-04	3.97E-04	1.96E-04	8.52E-04	1.83E-05	7.89E-05	0.00E+00	2.02E-08	9.72E-05	1.7E-07	2.6E-07	1.3E-07	6.4E-08	1.6E-08	9.3E-09	4.9E-09	3.0E-08	2.5E-08	8.6E-08
226	UCART1	592687.59, 4123039.92	2.73E-04	4.28E-04	2.09E-04	9.10E-04	1.96E-05	8.35E-05	0.00E+00	2.18E-08	1.03E-04	1.8E-07	2.8E-07	1.4E-07	6.8E-08	1.7E-08	1.0E-08	5.3E-09	3.2E-08	2.7E-08	9.1E-08
227	UCART1	592727.59, 4123039.92	2.89E-04	4.65E-04	2.24E-04	9.78E-04	2.12E-05	8.91E-05	0.00E+00	2.41E-08	1.10E-04	1.9E-07	3.1E-07	1.5E-07	7.3E-08	1.8E-08	1.1E-08	5.6E-09	3.5E-08	2.9E-08	9.8E-08
228	UCART1	592767.59, 4123039.92	3.08E-04	5.09E-04	2.41E-04	1.06E-03	2.30E-05	9.56E-05	0.00E+00	2.57E-08	1.19E-04	2.0E-07	3.4E-07	1.6E-07	7.8E-08	1.9E-08	1.2E-08	6.1E-09	3.7E-08	3.1E-08	1.1E-07
229	UCART1	592807.59, 4123039.92	3.28E-04	5.58E-04	2.60E-04	1.15E-03	2.50E-05	1.03E-04	0.00E+00	2.80E-08	1.28E-04	2.2E-07	3.7E-07	1.7E-07	8.4E-08	2.0E-08	1.3E-08	6.6E-09	4.0E-08	3.3E-08	1.1E-07
230	UCART1	592847.59, 4123039.92	3.50E-04	6.14E-04	2.82E-04	1.25E-03	2.74E-05	1.10E-04	0.00E+00	3.11E-08	1.38E-04	2.3E-07	4.1E-07	1.9E-07	9.1E-08	2.2E-08	1.4E-08	7.1E-09	4.3E-08	3.6E-08	1.2E-07
231	UCART1	592887.59, 4123039.92	3.74E-04	6.80E-04	3.07E-04	1.36E-03	3.04E-05	1.19E-04	0.00E+00	3.35E-08	1.50E-04	2.5E-07	4.5E-07	2.0E-07	9.9E-08	2.3E-08	1.6E-08	7.7E-09	4.7E-08	3.9E-08	1.3E-07
232	UCART1	592927.59, 4123039.92	4.03E-04	7.60E-04	3.37E-04	1.50E-03	3.46E-05	1.30E-04	0.00E+00	3.66E-08	1.65E-04	2.7E-07	5.0E-07	2.2E-07	1.1E-07	2.5E-08	1.8E-08	8.5E-09	5.1E-08	4.3E-08	1.5E-07
233	UCART1	592967.59, 4123039.92	4.36E-04	8.51E-04	3.72E-04	1.66E-03	4.03E-05	1.42E-04	0.00E+00	4.05E-08	1.82E-04	2.9E-07	5.6E-07	2.5E-07	1.2E-07	2.7E-08	2.0E-08	9.4E-09	5.7E-08	4.7E-08	1.6E-07
234	UCART1	593007.59, 4123039.92	4.78E-04	9.56E-04	4.17E-04	1.85E-03	4.63E-05	1.67E-04	0.00E+00	4.43E-08	2.14E-04	3.2E-07	6.3E-07	2.8E-07	1.4E-07	3.0E-08	2.2E-08	1.0E-08	6.3E-08	5.6E-08	1.8E-07
235	UCART1	593047.59, 4123039.92	5.23E-04	1.08E-03	4.67E-04	2.07E-03	5.21E-05	1.96E-04	0.00E+00	4.75E-08	2.48E-04	3.5E-07	7.1E-07	3.1E-07	1.6E-07	3.3E-08	2.5E-08	1.2E-08	7.0E-08	6.4E-08	2.0E-07
236	UCART1	593087.59, 4123039.92	5.64E-04	1.21E-03	5.17E-04	2.29E-03	5.77E-05	1.97E-04	0.00E+00	5.13E-08	2.54E-04	3.7E-07	8.0E-07	3.4E-07	1.7E-07	3.5E-08	2.8E-08	1.3E-08	7.6E-08	6.6E-08	2.2E-07
237	UCART1	593127.59, 4123039.92	6.42E-04	1.37E-03	6.13E-04	2.63E-03	6.67E-05	2.31E-04	0.00E+00	5.60E-08	2.98E-04	4.2E-07	9.1E-07	4.1E-07	2.0E-07	4.0E-08	3.2E-08	1.5E-08	8.8E-08	7.7E-08	2.5E-07
238	UCART1	593167.59, 4123039.92	7.30E-04	1.55E-03	7.18E-04	3.00E-03	7.49E-05	2.50E-04	0.00E+00	6.07E-08	3.25E-04	4.8E-07	1.0E-06	4.7E-07	2.2E-07	4.6E-08	3.6E-08	1.8E-08	1.0E-07	8.5E-08	2.8E-07
239	UCART1	593207.59, 4123039.92	8.14E-04	1.75E-03	8.32E-04	3.39E-03	8.36E-05	2.70E-04	0.00E+00	6.53E-08	3.54E-04	5.4E-07	1.2E-06	5.5E-07	2.3E-07	5.1E-08	4.1E-08	2.1E-08	1.1E-07	9.2E-08	3.2E-07
240	UCART1	593247.59, 4123039.92	9.12E-04	1.97E-03	9.75E-04	3.85E-03	9.26E-05	2.91E-04	0.00E+00	7.08E-08	3.83E-04	6.0E-07	1.3E-06	6.4E-07	2.5E-07	5.7E-08	4.6E-08	2.5E-08	1.3E-07	1.0E-07	3.5E-07
241	UCART1	593287.59, 4123039.92	1.01E-03	2.17E-03	1.12E-03	4.29E-03	1.02E-04	3.10E-04	0.00E+00	7.62E-08	4.12E-04	6.7E-07	1.4E-06	7.4E-07	2.7E-07	6.3E-08	5.1E-08	2.8E-08	1.4E-07	1.1E-07	3.9E-07
242	UCART1	593327.59, 4123039.92	1.14E-03	2.37E-03	1.30E-03	4.81E-03	1.13E-04	3.32E-04	0.00E+00	8.25E-08	4.45E-04	7.5E-07	1.6E-06	8.6E-07	2.9E-07	7.1E-08	5.5E-08	3.3E-08	1.6E-07	1.2E-07	4.3E-07
243	UCART1	593367.59, 4123039.92	1.26E-03	2.52E-03	1.47E-03	5.25E-03	1.27E-04	3.52E-04	0.00E+00	8.87E-08	4.80E-04	8.3E-07	1.7E-06	9.7E-07	3.2E-07	7.8E-08	5.9E-08	3.7E-08	1.7E-07	1.2E-07	4.7E-07
244	UCART1	593407.59, 4123039.92	1.40E-03	2.76E-03	1.68E-03	5.84E-03	1.49E-04	3.80E-04	0.00E+00	9.72E-08	5.29E-04	9.3E-07	1.8E-06	1.1E-06	3.5E-07	8.7E-08	6.5E-08	4.2E-08	1.9E-07	1.4E-07	5.3E-07
245	UCART1	593447.59, 4123039.92	1.54E-03	3.10E-03	1.89E-03	6.54E-03	1.76E-04	4.14E-04	0.00E+00	1.07E-07	5.90E-04	1.0E-06	2.1E-06	1.3E-06	3.9E-07	9.6E-08	7.3E-08	4.8E-08	2.2E-07	1.5E-07	5.9E-07
246	UCART1	593487.59, 4123039.92	1.71E-03	3.68E-03	2.19E-03	7.58E-03	2.09E-04	4.62E-04	0.00E+00	1.23E-07	6.71E-04	1.1E-06	2.4E-06	1.4E-06	4.4E-07	1.1E-07	8.6E-08	5.5E-08	2.5E-07	1.7E-07	6.7E-07
247	UCART1	593527.59, 4123039.92	1.89E-03	4.39E-03	2.57E-03	8.85E-03	2.43E-04	5.15E-04	0.00E+00	1.44E-07	7.58E-04	1.3E-06	2.9E-06	1.7E-06	5.0E-07	1.2E-07	1.0E-07	6.5E-08	2.9E-07	2.0E-07	7.7E-07
248	UCART1	593567.59, 4123039.92	2.11E-03	5.14E-03	3.08E-03	1.03E-02	2.73E-04	5.78E-04	0.00E+00	1.76E-07	8.51E-04	1.4E-06	3.4E-06	2.0E-06	5.6E-07	1.3E-07	1.2E-07	7.7E-08	3.3E-07	2.2E-07	8.8E-07
249	UCART1	593607.59, 4123039.92	2.36E-03	5.74E-03	3.62E-03	1.17E-02	2.93E-04	6.51E-04	0.00E+00	2.03E-07	9.44E-04	1.6E-06	3.8E-06	2.4E-06	6.2E-07	1.5E-07	1.3E-07	9.1E-08	3.7E-07	2.5E-07	9.9E-07
250	UCART1	593647.59, 4123039.92	2.66E-03	6.12E-03	4.14E-03	1.29E-02	3.02E-04	7.34E-04	0.00E+00	2.28E-07	1.04E-03	1.8E-06	4.0E-06	2.7E-06	6.9E-07	1.7E-07	1.4E-07	1.0E-07	4.1E-07	2.7E-07	1.1E-06
251	UCART1	593687.59, 4123039.92	3.03E-03	6.24E-03	4.52E-03	1.38E-02	3.00E-04	8.20E-04	0.00E+00	2.63E-07	1.12E-03	2.0E-06	4.1E-06	3.0E-06	7.4E-07	1.9E-07	1.5E-07	1.1E-07	4.5E-07	2.9E-07	1.2E-06
252	UCART1	593727.59, 4123039.92	3.45E-03	6.12E-03	4.70E-03	1.43E-02	2.89E-04	9.00E-04	0.00E+00	3.15E-07	1.19E-03	2.3E-06	4.1E-06	3.1E-06	7.9E-07	2.2E-07	1.4E-07	1.2E-07	4.8E-07	3.1E-07	1.3E-06
253	UCART1	593767.59, 4123039.92	3.87E-03	5.82E-03	4.65E-03	1.43E-02	2.73E-04	9.62E-04	0.00E+00	4.19E-07	1.24E-03	2.6E-06	3.9E-06	3.1E-06	8.2E-07	2.4E-07	1.4E-07	1.2E-07	4.9E-07	3.2E-07	1.3E-06
254	UCART1	593807.59, 4123039.92	4.24E-03	5.40E-03	4.41E-03	1.40E-02	2.52E-04	1.00E-03	0.00E+00	5.59E-07	1.26E-03	2.8E-06	3.6E-06	2.9E-06	8.3E-07	2.6E-07	1.3E-07	1.1E-07	5.0E-07	3.3E-07	1.3E-06
255	UCART1	593847.59, 4123039.92	4.49E-03	4.91E-03	4.05E-03	1.34E-02	2.30E-04	1.02E-03	0.00E+00	7.37E-07	1.25E-03	3.0E-06	3.2E-06	2.7E-06	8.3E-07	2.8E-07	1.1E-07	1.0E-07	5.0E-07	3.2E-07	1.3E-06
256	UCART1	593887.59, 4123039.92	4.61E-03	4.39E-03	3.61E-03	1.26E-02	2.08E-04	1.01E-03	0.00E+00	9.38E-07	1.22E-03	3.0E-06	2.9E-06	2.4E-06	8.1E-07	2.9E-07	1.0E-07	9.1E-08	4.8E-07	3.2E-07	1.3E-06
257	UCART1	593927.59, 4123039.92	4.59E-03	3.88E-03	3.16E-03	1.16E-02	1.87E-04	9.87E-04	0.00E+00	1.12E-06	1.18E-03	3.0E-06	2.6E-06	2.1E-06	7.8E-07	2.9E-07	9.1E-08	7.9E-08	4.6E-07	3.1E-07	1.2E-06
258	UCART1	593967.59, 4123039.92	4.47E-03	3.40E-03	2.73E-03	1.06E-02	1.67E-04	9.47E-04	0.00E+00	1.28E-06	1.11E-03	3.0E-06	2.2E-06	1.8E-06	7.4E-07	2.8E-07	8.0E-08	6.9E-08	4.3E-07	2.9E-07	1.1E-06
259	UCART1	594007.59, 4123039.92	4.25E-03	2.96E-03	2.34E-03	9.55E-03	1.48E-04	8.95E-04	0.00E+00	1.37E-06	1.05E-03	2.8E-06	2.0E-06	1.6E-06	6.9E-07	2.6E-07	6.9E-08	5.9E-08	3.9E-07	2.7E-07	1.1E-06
260	UCART1	592567.59, 4123079.92	2.56E-04	3.86E-04	1.88E-04	8.30E-04	1.96E-05	8.55E-05	0.00E+00	1.79E-08	1.05E-04	1.7E-07	2.6E-07	1.2E-07	7.0E-08	1.6E-08	9.0E-09	4.7E-09	3.0E-08	2.7E-08	8.7E-08
261	UCART1	592607.59, 4123079.92	2.66E-04	4.08E-04	1.99E-04	8.73E-04	1.94E-05	8.40E-05	0.00E+00	1.94E-08	1.03E-04	1.8E-07	2.7E-07	1.3E-07	6.8E-08	1.7E-08	9.6E-09	5.0E-09	3.1E-08	2.7E-08	8.9E-08
262	UCART1	592647.59, 4123079.92	2.77E-04	4.29E-04	2.10E-04	9.16E-04	2.00E-05	8.56E-05	0.00E+00	2.10E-08	1.06E-04	1.8E-07	2.8E-07	1.4E-07	7.0E-08	1.7E-08	1.0E-08	5.3E-09	3.3E-08	2.7E-08	9.3E-08

263	UCART1	592687.59, 4123079.92	2.93E-04	4.63E-04	2.25E-04	9.82E-04	2.15E-05	9.08E-05	0.00E+00	2.26E-08	1.12E-04	1.9E-07	3.1E-07	1.5E-07	7.4E-08	1.8E-08	1.1E-08	5.7E-09	3.5E-08	2.9E-08	9.9E-08
264	UCART1	592727.59, 4123079.92	3.11E-04	5.05E-04	2.43E-04	1.06E-03	2.33E-05	9.68E-05	0.00E+00	2.41E-08	1.20E-04	2.1E-07	3.3E-07	1.6E-07	7.9E-08	1.9E-08	1.2E-08	6.1E-09	3.7E-08	3.1E-08	1.1E-07
265	UCART1	592767.59, 4123079.92	3.32E-04	5.55E-04	2.63E-04	1.15E-03	2.54E-05	1.04E-04	0.00E+00	2.64E-08	1.29E-04	2.2E-07	3.7E-07	1.7E-07	8.6E-08	2.1E-08	1.3E-08	6.6E-09	4.0E-08	3.4E-08	1.1E-07
266	UCART1	592807.59, 4123079.92	3.55E-04	6.13E-04	2.85E-04	1.25E-03	2.78E-05	1.12E-04	0.00E+00	2.88E-08	1.40E-04	2.4E-07	4.1E-07	1.9E-07	9.3E-08	2.2E-08	1.4E-08	7.2E-09	4.4E-08	3.6E-08	1.2E-07
267	UCART1	592847.59, 4123079.92	3.81E-04	6.81E-04	3.11E-04	1.37E-03	3.09E-05	1.21E-04	0.00E+00	3.19E-08	1.52E-04	2.5E-07	4.5E-07	2.1E-07	1.0E-07	2.4E-08	1.6E-08	7.8E-09	4.8E-08	3.9E-08	1.3E-07
268	UCART1	592887.59, 4123079.92	4.11E-04	7.61E-04	3.42E-04	1.51E-03	3.48E-05	1.32E-04	0.00E+00	3.50E-08	1.66E-04	2.7E-07	5.0E-07	2.3E-07	1.1E-07	2.6E-08	1.8E-08	8.6E-09	5.2E-08	4.3E-08	1.5E-07
269	UCART1	592927.59, 4123079.92	4.47E-04	8.57E-04	3.78E-04	1.68E-03	4.09E-05	1.44E-04	0.00E+00	3.89E-08	1.85E-04	3.0E-07	5.7E-07	2.5E-07	1.2E-07	2.8E-08	2.0E-08	9.5E-09	5.7E-08	4.8E-08	1.6E-07
270	UCART1	592967.59, 4123079.92	4.86E-04	9.66E-04	4.21E-04	1.87E-03	4.64E-05	1.69E-04	0.00E+00	4.28E-08	2.16E-04	3.2E-07	6.4E-07	2.8E-07	1.4E-07	3.0E-08	2.3E-08	1.1E-08	6.4E-08	5.6E-08	1.8E-07
271	UCART1	593007.59, 4123079.92	5.36E-04	1.10E-03	4.75E-04	2.11E-03	5.32E-05	1.99E-04	0.00E+00	4.75E-08	2.52E-04	3.5E-07	7.3E-07	3.1E-07	1.7E-07	3.3E-08	2.6E-08	1.2E-08	7.1E-08	6.6E-08	2.1E-07
272	UCART1	593047.59, 4123079.92	5.91E-04	1.26E-03	5.42E-04	2.39E-03	6.09E-05	2.18E-04	0.00E+00	5.21E-08	2.79E-04	3.9E-07	8.3E-07	3.6E-07	1.8E-07	3.7E-08	2.9E-08	1.4E-08	8.0E-08	7.3E-08	2.3E-07
273	UCART1	593087.59, 4123079.92	6.55E-04	1.45E-03	6.20E-04	2.72E-03	6.96E-05	2.40E-04	0.00E+00	5.68E-08	3.10E-04	4.3E-07	9.6E-07	4.1E-07	2.0E-07	4.1E-08	3.4E-08	1.6E-08	9.0E-08	8.0E-08	2.6E-07
274	UCART1	593127.59, 4123079.92	7.36E-04	1.67E-03	7.23E-04	3.13E-03	7.98E-05	2.64E-04	0.00E+00	6.22E-08	3.44E-04	4.9E-07	1.1E-06	4.8E-07	2.3E-07	4.6E-08	3.9E-08	1.8E-08	1.0E-07	8.9E-08	3.0E-07
275	UCART1	593167.59, 4123079.92	8.33E-04	1.93E-03	8.49E-04	3.62E-03	9.15E-05	2.89E-04	0.00E+00	6.85E-08	3.80E-04	5.5E-07	1.3E-06	5.6E-07	2.5E-07	5.2E-08	4.5E-08	2.1E-08	1.2E-07	9.9E-08	3.4E-07
276	UCART1	593207.59, 4123079.92	9.44E-04	2.23E-03	1.01E-03	4.18E-03	1.05E-04	3.15E-04	0.00E+00	7.47E-08	4.20E-04	6.2E-07	1.5E-06	6.7E-07	2.8E-07	5.9E-08	5.2E-08	2.5E-08	1.4E-07	1.1E-07	3.8E-07
277	UCART1	593247.59, 4123079.92	1.08E-03	2.57E-03	1.22E-03	4.87E-03	1.19E-04	3.43E-04	0.00E+00	8.09E-08	4.63E-04	7.1E-07	1.7E-06	8.1E-07	3.1E-07	6.7E-08	6.0E-08	3.1E-08	1.6E-07	1.2E-07	4.4E-07
278	UCART1	593287.59, 4123079.92	1.21E-03	2.90E-03	1.44E-03	5.55E-03	1.33E-04	3.70E-04	0.00E+00	8.79E-08	5.04E-04	8.0E-07	1.9E-06	9.5E-07	3.3E-07	7.5E-08	6.8E-08	3.6E-08	1.8E-07	1.3E-07	4.9E-07
279	UCART1	593327.59, 4123079.92	1.39E-03	3.23E-03	1.72E-03	6.34E-03	1.52E-04	3.99E-04	0.00E+00	9.65E-08	5.51E-04	9.2E-07	2.1E-06	1.1E-06	3.6E-07	8.6E-08	7.6E-08	4.3E-08	2.1E-07	1.4E-07	5.5E-07
280	UCART1	593367.59, 4123079.92	1.55E-03	3.50E-03	2.00E-03	7.05E-03	1.76E-04	4.27E-04	0.00E+00	1.04E-07	6.03E-04	1.0E-06	2.3E-06	1.3E-06	4.0E-07	9.7E-08	8.2E-08	5.0E-08	2.3E-07	1.6E-07	6.1E-07
281	UCART1	593407.59, 4123079.92	1.75E-03	3.97E-03	2.34E-03	8.06E-03	2.13E-04	4.65E-04	0.00E+00	1.14E-07	6.79E-04	1.2E-06	2.6E-06	1.6E-06	4.5E-07	1.1E-07	9.3E-08	5.9E-08	2.6E-07	1.8E-07	7.0E-07
282	UCART1	593447.59, 4123079.92	1.96E-03	4.72E-03	2.72E-03	9.40E-03	2.61E-04	5.14E-04	0.00E+00	1.27E-07	7.75E-04	1.3E-06	3.1E-06	1.8E-06	5.1E-07	1.2E-07	1.1E-07	6.9E-08	3.0E-07	2.0E-07	8.0E-07
283	UCART1	593487.59, 4123079.92	2.22E-03	5.81E-03	3.28E-03	1.13E-02	3.14E-04	5.82E-04	0.00E+00	1.45E-07	8.96E-04	1.5E-06	3.8E-06	2.2E-06	5.9E-07	1.4E-07	1.4E-07	8.3E-08	3.6E-07	2.3E-07	9.5E-07
284	UCART1	593527.59, 4123079.92	2.50E-03	6.94E-03	3.99E-03	1.34E-02	3.60E-04	6.60E-04	0.00E+00	1.72E-07	1.02E-03	1.7E-06	4.6E-06	2.6E-06	6.7E-07	1.6E-07	1.6E-07	1.0E-07	4.2E-07	2.7E-07	1.1E-06
285	UCART1	593567.59, 4123079.92	2.87E-03	7.83E-03	4.86E-03	1.56E-02	3.89E-04	7.53E-04	0.00E+00	2.13E-07	1.14E-03	1.9E-06	5.2E-06	3.2E-06	7.6E-07	1.8E-07	1.8E-07	1.2E-07	4.8E-07	3.0E-07	1.3E-06
286	UCART1	593607.59, 4123079.92	3.26E-03	8.27E-03	5.67E-03	1.72E-02	3.98E-04	8.62E-04	0.00E+00	2.52E-07	1.26E-03	2.2E-06	5.5E-06	3.8E-06	8.3E-07	2.0E-07	1.9E-07	1.4E-07	5.4E-07	3.3E-07	1.4E-06
287	UCART1	593647.59, 4123079.92	3.76E-03	8.27E-03	6.28E-03	1.83E-02	3.90E-04	9.80E-04	0.00E+00	2.85E-07	1.37E-03	2.5E-06	5.5E-06	4.2E-06	9.1E-07	2.3E-07	1.9E-07	1.6E-07	5.9E-07	3.6E-07	1.5E-06
288	UCART1	593687.59, 4123079.92	4.35E-03	7.91E-03	6.53E-03	1.88E-02	3.69E-04	1.09E-03	0.00E+00	3.38E-07	1.46E-03	2.9E-06	5.2E-06	4.3E-06	9.7E-07	2.7E-07	1.9E-07	1.6E-07	6.2E-07	3.8E-07	1.6E-06
289	UCART1	593727.59, 4123079.92	4.97E-03	7.31E-03	6.38E-03	1.87E-02	3.40E-04	1.18E-03	0.00E+00	4.30E-07	1.52E-03	3.3E-06	4.8E-06	4.2E-06	1.0E-06	3.1E-07	1.7E-07	1.6E-07	6.4E-07	3.9E-07	1.7E-06
290	UCART1	593767.59, 4123079.92	5.50E-03	6.59E-03	5.92E-03	1.80E-02	3.08E-04	1.23E-03	0.00E+00	5.97E-07	1.54E-03	3.6E-06	4.4E-06	3.9E-06	1.0E-06	3.4E-07	1.5E-07	1.5E-07	6.5E-07	4.0E-07	1.7E-06
291	UCART1	593807.59, 4123079.92	5.86E-03	5.83E-03	5.28E-03	1.70E-02	2.75E-04	1.25E-03	0.00E+00	8.29E-07	1.52E-03	3.9E-06	3.9E-06	3.5E-06	1.0E-06	3.7E-07	1.4E-07	1.3E-07	6.3E-07	4.0E-07	1.7E-06
292	UCART1	593847.59, 4123079.92	6.00E-03	5.10E-03	4.57E-03	1.57E-02	2.43E-04	1.23E-03	0.00E+00	1.09E-06	1.48E-03	4.0E-06	3.4E-06	3.0E-06	9.8E-07	3.7E-07	1.2E-07	1.1E-07	6.1E-07	3.8E-07	1.6E-06
293	UCART1	593887.59, 4123079.92	5.92E-03	4.41E-03	3.88E-03	1.42E-02	2.14E-04	1.19E-03	0.00E+00	1.35E-06	1.40E-03	3.9E-06	2.9E-06	2.6E-06	9.3E-07	3.7E-07	1.0E-07	9.8E-08	5.7E-07	3.7E-07	1.5E-06
294	UCART1	593927.59, 4123079.92	5.68E-03	3.78E-03	3.25E-03	1.27E-02	1.88E-04	1.13E-03	0.00E+00	1.56E-06	1.32E-03	3.8E-06	2.5E-06	2.2E-06	8.7E-07	3.5E-07	8.8E-08	8.2E-08	5.2E-07	3.4E-07	1.4E-06
295	UCART1	593967.59, 4123079.92	5.32E-03	3.23E-03	2.71E-03	1.13E-02	1.64E-04	1.05E-03	0.00E+00	1.74E-06	1.22E-03	3.5E-06	2.1E-06	1.8E-06	8.0E-07	3.3E-07	7.6E-08	6.8E-08	4.8E-07	3.2E-07	1.3E-06
296	UCART1	594007.59, 4123079.92	4.87E-03	2.76E-03	2.26E-03	9.89E-03	1.44E-04	9.68E-04	0.00E+00	1.88E-06	1.11E-03	3.2E-06	1.8E-06	1.5E-06	7.4E-07	3.0E-07	6.5E-08	5.7E-08	4.3E-07	2.9E-07	1.1E-06
297	UCART1	592567.59, 4123119.92	2.70E-04	4.09E-04	2.00E-04	8.79E-04	2.09E-05	9.45E-05	0.00E+00	1.79E-08	1.15E-04	1.8E-07	2.7E-07	1.3E-07	7.6E-08	1.7E-08	9.6E-09	5.0E-09	3.1E-08	3.0E-08	9.3E-08
298	UCART1	592607.59, 4123119.92	2.86E-04	4.41E-04	2.13E-04	9.40E-04	2.24E-05	1.00E-04	0.00E+00	1.94E-08	1.23E-04	1.9E-07	2.9E-07	1.4E-07	8.1E-08	1.8E-08	1.0E-08	5.4E-09	3.4E-08	3.2E-08	9.9E-08
299	UCART1	592647.59, 4123119.92	2.98E-04	4.69E-04	2.27E-04	9.94E-04	2.23E-05	9.52E-05	0.00E+00	2.10E-08	1.17E-04	2.0E-07	3.1E-07	1.5E-07	7.8E-08	1.9E-08	1.1E-08	5.7E-09	3.5E-08	3.1E-08	1.0E-07
300	UCART1	592687.59, 4123119.92	3.14E-04	5.03E-04	2.42E-04	1.06E-03	2.36E-05	9.90E-05	0.00E+00	2.26E-08	1.23E-04	2.1E-07	3.3E-07	1.6E-07	8.1E-08	2.0E-08	1.2E-08	6.1E-09	3.7E-08	3.2E-08	1.1E-07
301	UCART1	592727.59, 4123119.92	3.35E-04	5.49E-04	2.62E-04	1.15E-03	2.56E-05	1.06E-04	0.00E+00	2.41E-08	1.31E-04	2.2E-07	3.6E-07	1.7E-07	8.7E-08	2.1E-08	1.3E-08	6.6E-09	4.0E-08	3.4E-08	1.1E-07
302	UCART1	592767.59, 4123119.92	3.59E-04	6.06E-04	2.85E-04	1.25E-03	2.81E-05	1.14E-04	0.00E+00	2.64E-08	1.42E-04	2.4E-07	4.0E-07	1.9E-07	9.4E-08	2.2E-08	1.4E-08	7.2E-09	4.4E-08	3.7E-08	1.2E-07
303	UCART1	592807.59, 4123119.92	3.85E-04	6.73E-04	3.12E-04	1.37E-03	3.08E-05	1.23E-04	0.00E+00	2.96E-08	1.53E-04	2.6E-07	4.5E-07	2.1E-07	1.0E-07	2.4E-08	1.6E-08	7.8E-09	4.8E-08	4.0E-08	1.4E-07
304	UCART1	592847.59, 4123119.92	4.16E-04	7.53E-04	3.42E-04	1.51E-03	3.45E-05	1.33E-04	0.00E+00	3.19E-08	1.67E-04	2.8E-07	5.0E-07	2.3E-07	1.1E-07	2.6E-08	1.8E-08	8.6E-09	5.2E-08	4.4E-08	1.5E-07
305	UCART1	592887.59, 4123119.92	4.52E-04	8.51E-04	3.79E-04	1.68E-03	4.01E-05	1.45E-04	0.00E+00	3.58E-08	1.86E-04	3.0E-07	5.6E-07	2.5E-07	1.2E-07	2.8E-08	2.0E-08	9.5E-09	5.8E-08	4.8E-08	1.6E-07
306	UCART1	592927.59, 4123119.92	4.96E-04	9.65E-04	4.24E-04	1.88E-03	4.67E-05	1.71E-04	0.00E+00	3.97E-08	2.17E-04	3.3E-07	6.4E-07	2.8E-07	1.4E-07	3.1E-08	2.3E-08	1.1E-08	6.4E-08	5.7E-08	1.8E-07
307	UCART1	592967.59, 4123119.92	5.45E-04	1.10E-03	4.78E-04	2.12E-03	5.31E-05	1.88E-04	0.00E+00	4.51E-08	2.41E-04	3.6E-07	7.3E-07	3.2E-07	1.6E-07	3.4E-08	2.6E-08	1.2E-08	7.2E-08	6.3E-08	2.1E-07
308	UCART1	593007.59, 4123119.92	6.03E-04	1.27E-03	5.44E-04	2.42E-03	6.13E-05	2.21E-04	0.00E+00	4.98E-08	2.83E-04	4.0E-07	8.4E-07	3.6E-07	1.9E-07	3.8E-08	3.0E-08	1.4E-08	8.1E-08	7.3E-08	2.4E-07
309	UCART1	593047.59, 4123119.92	6.71E-04	1.48E-03	6.25E-04	2.78E-03	7.10E-05	2.45E-04	0.00E+00	5.60E-08	3.16E-04	4.4E-07	9.8E-07	4.1E-07	2.1E-07	4.2E-08	3.5E-08	1.6E-08	9.2E-08	8.2E-08	2.7E-07
310	UCART1	593087.59, 4123119.92	7.54E-04	1.75E-03	7.31E-04	3.23E-03	8.27E-05	2.73E-04	0.00E+00	6.30E-08	3.55E-04	5.0E-07	1.2E-06	4.8E-07	2.4E-07	4.7E-08	4.1E-08	1.8E-08	1.1E-07	9.2E-08	3.1E-07
311	UCART1	593127.59, 4123119.92	8.61E-04	2.08E-03	8.68E-04	3.81E-03	9.72E-05	3.04E-04	0.00E+00	7.08E-08	4.01E-04	5.7E-07	1.4E-06	5.7E-07	2.7E-07	5.4E-08	4.9E-08	2.2E-08	1.2E-07	1.0E-07	3.5E-07
312	UCART1	593167.59, 4123119.92	9.80E-04	2.48E-03	1.04E-03	4.50E-03	1.15E-04	3.38E-04	0.00E+00	7.70E-08	4.53E-04	6.5E-07	1.6E-06	6.9E-07	3.0E-07	6.1E-08	5.8E-08	2.6E-08	1.5E-07	1.2E-07	4.1E-07
313	UCART1	593207.59, 4123119.92	1.12E-03	2.96E-03	1.26E-03	5.35E-03	1.35E-04	3.74E-04	0.00E+00	8.56E-08	5.10E-04	7.4E-07	2.0E-06	8.4E-07	3.4E-07	7.0E-08	6.9E-08	3.2E-08	1.7E-07	1.3E-07	4.7E-07
314	UCART1	593247.59, 4123119.92	1.30E-03	3.54E-03	1.57E-03	6.40E-03	1.59E-04	4.13E-04	0.00E+00	9.49E-08	5.72E-04	8.6E-07	2.3E-06	1.0E-06	3.8E-07	8.1E-08	8.3E-08	3.9E-08	2.0E-07	1.5E-07	5.6E-07
315	UCART1	593287.59, 4123119.92	1.49E-03	4.11E-03	1.92E-03	7.52E-03	1.84E-04	4.51E-04	0.00E+00	1.03E-07	6.35E-04	9.8E-07	2.7E-06	1.3E-06	4.2E-07	9.3E-08	9.6E-08	4.8E-08	2.4E-07	1.7E-07	6.4E-07
316	UCART1	593327.59, 4123119.92	1.72E-03	4.70E-03	2.38E-03	8.80E-03	2.17E-04	4.92E-04	0.00E+00	1.14E-07	7.09E-04	1.1E-06	3.1E-06	1.6E-06	4.7E-07	1.1E-07	1.1E-07	6.0E-08	2.8E-07	1.8E-07	7.4E-07
317	UCART1	593367.59, 4123119.92	1.96E-03	5.28E-03	2.87E-03	1.01E-02	2.64E-04	5.32E-04	0.00E+00	1.24E-07	7.96E-04	1.3E-06	3.5E-06	1.9E-06	5.3E-07	1.2E-07	1.2E-07	7.2E-08	3.2E-07	2.1E-07	8.4E-07
318	UCART1	593407.59, 4123119.92	2.25E-03	6.38E-03	3.49E-03	1.21E-02	3.37E-04	5.86E-04	0.00E+00	1.37E-07	9.23E-04	1.5E-06	4.2E-06	2.3E-06	6.1E-07	1.4E-07	1.5E-07	8.8E-08	3.8E-07	2.4E-07	9.9E-07
319	UCART1	593447.59, 4123119.92	2.58E-03	8.08E-03	4.27E-03	1.49E-02	4.23E-04	6.59E-04	0.00E+00	1.52E-07	1.08E-03	1.7E-06	5.3E-06	2.8E-06	7.2E-07	1.6E-07	1.9E-07	1.1E-07	4.6E-07	2.8E-07	1.2E-06
320	UCART1	593487.59, 4123119.92	3.00E-03	9.95E-03	5.41E-03	1.84E-02	5.00E-04	7.58E-04	0.00E+00	1.75E-07	1.26E-03	2.0E-06	6.6E-06	3.6E-06	8.3E-07	1.9E-07	2.3E-07	1.4E-07	5.6E-07	3.3E-07	1.4E-06
321	UCART1	593527.59, 4123119.92	3.49E-03	1.13E-02	6.78E-03	2.15E-02	5.44E-04	8.78E-04	0.00E+00	2.08E-07	1.42E-03	2.3E-06	7.4E-06	4.5E-06	9.4E-07	2.2E-07	2.6E-07	1.7E-07	6.5E-07	3.7E-07	1.7E-06
322	UCART1	593567.59, 4123119.92	4.11E-03	1.17E-02	8.20E-03	2.40E-02	5.50E-04	1.02E-03	0.00E+00	2.61E-07	1.57E-03	2.7E-06	7.7E-06	5.4E-06	1.0E-06	2.6E-07	2.7E-07	2.1E-07	7.4E-07	4.1E-07	1.9E-06
323	UCART1	593607.59, 4123119.92	4.81E-03	1.13E-02	9.21E-03	2.53E-02	5.25E-04	1.19E-03	0.00E+00	3.14E-07	1.71E-03	3.2E-06	7.5E-06	6.1E-06	1.1E-06	3.0E-07	2.6E-07	2.3E-07	8.0E-07	4.5E-07	2.0E-06
324	UCART1	593647.59, 4123119.92	5.68E-03	1.04E-02	9.59E-03	2.57E-02	4.83E-04	1.35E-03	0.00E+00	3.61E-07	1.83E-03	3.8E-06	6.9E-06	6.3E-06	1.2E-06	3.5E-07	2.4E-07	2.4E-07	8.4E-07	4.8E-07	2.2E-06
325	UCART1	593687.59, 4123119.92	6.65E-03	9.29E-03	9.21E-03	2.52E-02	4.32E-04	1.47E-03	0.00E+00	4.47E-07	1.91E-03	4.4E-06	6.1E-06	6.1E-06	1.3E-06	4.1E-07	2.2E-07	2.3E-07	8.6E-07	5.0E-07	2.2E-06
326	UCART1	593727.59, 4123119.92	7.49E-03	8.10E-03	8.28E-03	2.39E-02	3.80E-04	1.55E-03	0.00E+00	6.21E-07	1.93E-03	5.0E-06	5.4E-06	5.5E-06	1.3E-06	4.7E-07	1.9E-07	2.1E-07	8.6E-07	5.0E-07	2.2E-06
327	UCART1	593767.59, 4123119.92	7.99E-03	6.95E-03	7.09E-03	2.20E-02	3.31E-04	1.56E-03	0.00E+00	9.11E-07	1.89E-03	5.3E-06	4.6E-06	4.7E-06	1.3E-06	5.0E-07	1.6E-07	1.8E-07	8.4E-07	4.9E-07	2.2E-06
328	UCART1	593807.59, 4123119.92	8.11E-03	5.91E-03	5.89E-03	1.99E-02	2.86E-04	1.53E-03	0.00E+00	1.26E-06	1.82E-03	5.4E-06	3.9E-06	3.9E-06	1.2E-06	5.1E-07	1.4E-07	1.5E-07	7.9E-07	4.7E-07	2.1E-06
329	UCART1	593847.59, 4123119.92	7.89E-03	4.99E-03	4.80E-03	1.77E-02	2.45E-04	1.46E-03	0.00E+00	1.66E-06	1.70E-03	5.2E-06	3.3E-06	3.2E-06	1.1E-06	4.9E-07	1.2E-07	1.2E-07	7.3E-07	4.4E-07	1.9E-06
330	UCART1	593887.59, 4123119.92	7.42E-03	4.19E-03	3.87E-03	1.55E-02	2.11E-04	1.36E-03	0.00E+00	1.98E-06	1.57E-03	4.9E-06	2.8E-06	2.6E-06	1.0E-06	4.6E-07	9.8E-08	9.7E-08	6.6E-07	4.1E-07	1.7E-06
331	UCART1	593927.59, 4123119.92	6.80E-03	3.51E-03	3.13E-03	1.34E-02	1.81E-04	1.24E-03	0.00E+00	2.28E-06	1.43E-03	4.5E-06	2.3E-06	2.1E-06	9.4E-07	4.2E-07	8.2E-08	7.9E-08	5.8E-07	3.7E-07	1.5E-06

332	UCART1	593967.59, 4123119.92	6.10E-03	2.94E-03	2.53E-03	1.16E-02	1.56E-04	1.12E-03	0.00E+00	2.41E-06	1.28E-03	4.0E-06	1.9E-06	1.7E-06	8.5E-07	3.8E-07	6.9E-08	6.4E-08	5.1E-07	3.3E-07	1.4E-06
333	UCART1	594007.59, 4123119.92	5.38E-03	2.47E-03	2.06E-03	9.91E-03	1.34E-04	1.01E-03	0.00E+00	2.43E-06	1.15E-03	3.6E-06	1.6E-06	1.4E-06	7.6E-07	3.4E-07	5.8E-08	5.2E-08	4.5E-07	3.0E-07	1.2E-06
334	UCART1	592567.59, 4123159.92	2.86E-04	4.34E-04	2.11E-04	9.31E-04	2.23E-05	1.00E-04	0.00E+00	1.87E-08	1.22E-04	1.9E-07	2.9E-07	1.4E-07	8.1E-08	1.8E-08	1.0E-08	5.3E-09	3.3E-08	3.2E-08	9.8E-08
335	UCART1	592607.59, 4123159.92	3.03E-04	4.70E-04	2.27E-04	1.00E-03	2.41E-05	1.07E-04	0.00E+00	2.02E-08	1.31E-04	2.0E-07	3.1E-07	1.5E-07	8.6E-08	1.9E-08	1.1E-08	5.7E-09	3.6E-08	3.4E-08	1.1E-07
336	UCART1	592647.59, 4123159.92	3.23E-04	5.10E-04	2.44E-04	1.08E-03	2.60E-05	1.14E-04	0.00E+00	2.10E-08	1.40E-04	2.1E-07	3.4E-07	1.6E-07	9.3E-08	2.0E-08	1.2E-08	6.1E-09	3.8E-08	3.6E-08	1.1E-07
337	UCART1	592687.59, 4123159.92	3.38E-04	5.47E-04	2.61E-04	1.15E-03	2.62E-05	1.09E-04	0.00E+00	2.26E-08	1.35E-04	2.2E-07	3.6E-07	1.7E-07	8.9E-08	2.1E-08	1.3E-08	6.6E-09	4.0E-08	3.5E-08	1.2E-07
338	UCART1	592727.59, 4123159.92	3.61E-04	5.98E-04	2.83E-04	1.24E-03	2.83E-05	1.16E-04	0.00E+00	2.49E-08	1.44E-04	2.4E-07	4.0E-07	1.9E-07	9.5E-08	2.3E-08	1.4E-08	7.1E-09	4.4E-08	3.7E-08	1.2E-07
339	UCART1	592767.59, 4123159.92	3.88E-04	6.62E-04	3.10E-04	1.36E-03	3.11E-05	1.25E-04	0.00E+00	2.72E-08	1.56E-04	2.6E-07	4.4E-07	2.0E-07	1.0E-07	2.4E-08	1.5E-08	7.8E-09	4.8E-08	4.1E-08	1.4E-07
340	UCART1	592807.59, 4123159.92	4.20E-04	7.40E-04	3.40E-04	1.50E-03	3.46E-05	1.35E-04	0.00E+00	2.96E-08	1.70E-04	2.8E-07	4.9E-07	2.3E-07	1.1E-07	2.6E-08	1.7E-08	8.6E-09	5.2E-08	4.4E-08	1.5E-07
341	UCART1	592847.59, 4123159.92	4.56E-04	8.34E-04	3.77E-04	1.67E-03	3.88E-05	1.47E-04	0.00E+00	3.27E-08	1.86E-04	3.0E-07	5.5E-07	2.5E-07	1.2E-07	2.8E-08	2.0E-08	9.5E-09	5.7E-08	4.8E-08	1.6E-07
342	UCART1	592887.59, 4123159.92	4.99E-04	9.50E-04	4.21E-04	1.87E-03	4.55E-05	1.61E-04	0.00E+00	3.66E-08	2.07E-04	3.3E-07	6.3E-07	2.8E-07	1.4E-07	3.1E-08	2.2E-08	1.1E-08	6.4E-08	5.4E-08	1.8E-07
343	UCART1	592927.59, 4123159.92	5.52E-04	1.09E-03	4.75E-04	2.12E-03	5.27E-05	1.89E-04	0.00E+00	4.05E-08	2.42E-04	3.7E-07	7.2E-07	3.1E-07	1.6E-07	3.4E-08	2.5E-08	1.2E-08	7.2E-08	6.3E-08	2.1E-07
344	UCART1	592967.59, 4123159.92	6.13E-04	1.26E-03	5.42E-04	2.42E-03	6.08E-05	2.22E-04	0.00E+00	4.59E-08	2.83E-04	4.1E-07	8.3E-07	3.6E-07	1.9E-07	3.8E-08	3.0E-08	1.4E-08	8.1E-08	7.4E-08	2.4E-07
345	UCART1	593007.59, 4123159.92	6.85E-04	1.48E-03	6.24E-04	2.79E-03	7.09E-05	2.47E-04	0.00E+00	5.21E-08	3.18E-04	4.5E-07	9.8E-07	4.1E-07	2.1E-07	4.3E-08	3.5E-08	1.6E-08	9.3E-08	8.3E-08	2.7E-07
346	UCART1	593047.59, 4123159.92	7.64E-04	1.76E-03	7.23E-04	3.24E-03	8.31E-05	2.76E-04	0.00E+00	5.91E-08	3.59E-04	5.1E-07	1.2E-06	4.8E-07	2.4E-07	4.8E-08	4.1E-08	1.8E-08	1.1E-07	9.3E-08	3.1E-07
347	UCART1	593087.59, 4123159.92	8.64E-04	2.12E-03	8.54E-04	3.84E-03	9.88E-05	3.11E-04	0.00E+00	6.77E-08	4.10E-04	5.7E-07	1.4E-06	5.6E-07	2.7E-07	5.4E-08	5.0E-08	2.1E-08	1.3E-07	1.1E-07	3.6E-07
348	UCART1	593127.59, 4123159.92	9.94E-04	2.60E-03	1.03E-03	4.62E-03	1.19E-04	3.51E-04	0.00E+00	7.70E-08	4.71E-04	6.6E-07	1.7E-06	6.8E-07	3.1E-07	6.2E-08	6.1E-08	2.6E-08	1.5E-07	1.2E-07	4.2E-07
349	UCART1	593167.59, 4123159.92	1.16E-03	3.25E-03	1.27E-03	5.67E-03	1.46E-04	3.99E-04	0.00E+00	8.71E-08	5.45E-04	7.7E-07	2.1E-06	8.4E-07	3.6E-07	7.2E-08	7.6E-08	3.2E-08	1.8E-07	1.4E-07	5.0E-07
350	UCART1	593207.59, 4123159.92	1.36E-03	4.08E-03	1.60E-03	7.04E-03	1.81E-04	4.50E-04	0.00E+00	9.88E-08	6.32E-04	9.0E-07	2.7E-06	1.1E-06	4.2E-07	8.5E-08	9.6E-08	4.0E-08	2.2E-07	1.6E-07	6.1E-07
351	UCART1	593247.59, 4123159.92	1.61E-03	5.15E-03	2.05E-03	8.82E-03	2.24E-04	5.06E-04	0.00E+00	1.09E-07	7.31E-04	1.1E-06	3.4E-06	1.4E-06	4.8E-07	1.0E-07	1.2E-07	5.2E-08	2.7E-07	1.9E-07	7.4E-07
352	UCART1	593287.59, 4123159.92	1.88E-03	6.31E-03	2.64E-03	1.08E-02	2.73E-04	5.62E-04	0.00E+00	1.22E-07	8.35E-04	1.2E-06	4.2E-06	1.7E-06	5.5E-07	1.2E-07	1.5E-07	6.6E-08	3.3E-07	2.2E-07	8.8E-07
353	UCART1	593327.59, 4123159.92	2.19E-03	7.50E-03	3.43E-03	1.31E-02	3.41E-04	6.20E-04	0.00E+00	1.36E-07	9.61E-04	1.5E-06	5.0E-06	2.3E-06	6.4E-07	1.4E-07	1.8E-07	8.6E-08	4.0E-07	2.5E-07	1.0E-06
354	UCART1	593367.59, 4123159.92	2.55E-03	9.16E-03	4.40E-03	1.61E-02	4.53E-04	6.81E-04	0.00E+00	1.49E-07	1.13E-03	1.7E-06	6.1E-06	2.9E-06	7.5E-07	1.6E-07	2.1E-07	1.1E-07	4.8E-07	2.9E-07	1.3E-06
355	UCART1	593407.59, 4123159.92	2.98E-03	1.22E-02	5.69E-03	2.09E-02	6.06E-04	7.61E-04	0.00E+00	1.66E-07	1.37E-03	2.0E-06	8.1E-06	3.8E-06	9.0E-07	1.9E-07	2.8E-07	1.4E-07	6.1E-07	3.6E-07	1.6E-06
356	UCART1	593447.59, 4123159.92	3.54E-03	1.56E-02	7.61E-03	2.67E-02	7.49E-04	8.77E-04	0.00E+00	1.85E-07	1.63E-03	2.3E-06	1.0E-05	5.0E-06	1.1E-06	2.2E-07	3.6E-07	1.9E-07	7.8E-07	4.2E-07	2.0E-06
357	UCART1	593487.59, 4123159.92	4.26E-03	1.75E-02	1.01E-02	3.19E-02	8.21E-04	1.03E-03	0.00E+00	2.13E-07	1.85E-03	2.8E-06	1.2E-05	6.7E-06	1.2E-06	2.7E-07	4.1E-07	2.6E-07	9.3E-07	4.8E-07	2.3E-06
358	UCART1	593527.59, 4123159.92	5.20E-03	1.74E-02	1.27E-02	3.53E-02	8.06E-04	1.23E-03	0.00E+00	2.55E-07	2.04E-03	3.4E-06	1.2E-05	8.4E-06	1.3E-06	3.2E-07	4.1E-07	3.2E-07	1.1E-06	5.3E-07	2.6E-06
359	UCART1	593567.59, 4123159.92	6.34E-03	1.60E-02	1.46E-02	3.70E-02	7.39E-04	1.47E-03	0.00E+00	3.22E-07	2.21E-03	4.2E-06	1.1E-05	9.7E-06	1.5E-06	4.0E-07	3.7E-07	3.7E-07	1.1E-06	5.7E-07	2.8E-06
360	UCART1	593607.59, 4123159.92	7.72E-03	1.40E-02	1.52E-02	3.69E-02	6.50E-04	1.71E-03	0.00E+00	3.91E-07	2.36E-03	5.1E-06	9.3E-06	1.0E-05	1.6E-06	4.8E-07	3.3E-07	3.8E-07	1.2E-06	6.1E-07	3.0E-06
361	UCART1	593647.59, 4123159.92	9.39E-03	1.19E-02	1.42E-02	3.56E-02	5.60E-04	1.90E-03	0.00E+00	4.64E-07	2.46E-03	6.2E-06	7.9E-06	9.4E-06	1.6E-06	5.9E-07	2.8E-07	3.6E-07	1.2E-06	6.4E-07	3.1E-06
362	UCART1	593687.59, 4123159.92	1.09E-02	9.98E-03	1.22E-02	3.31E-02	4.75E-04	2.00E-03	0.00E+00	6.25E-07	2.48E-03	7.2E-06	6.6E-06	8.1E-06	1.6E-06	6.8E-07	2.3E-07	3.1E-07	1.2E-06	6.4E-07	3.1E-06
363	UCART1	593727.59, 4123159.92	1.16E-02	8.29E-03	9.88E-03	2.98E-02	4.00E-04	2.01E-03	0.00E+00	9.62E-07	2.41E-03	7.7E-06	5.5E-06	6.5E-06	1.6E-06	7.2E-07	1.9E-07	2.5E-07	1.2E-06	6.3E-07	3.0E-06
364	UCART1	593767.59, 4123159.92	1.16E-02	6.83E-03	7.72E-03	2.61E-02	3.35E-04	1.94E-03	0.00E+00	1.44E-06	2.28E-03	7.6E-06	4.5E-06	5.1E-06	1.5E-06	7.2E-07	1.6E-07	1.9E-07	1.1E-06	5.9E-07	2.7E-06
365	UCART1	593807.59, 4123159.92	1.09E-02	5.61E-03	5.96E-03	2.25E-02	2.81E-04	1.82E-03	0.00E+00	2.00E-06	2.10E-03	7.2E-06	3.7E-06	3.9E-06	1.4E-06	6.8E-07	1.3E-07	1.5E-07	9.6E-07	5.5E-07	2.5E-06
366	UCART1	593847.59, 4123159.92	1.00E-02	4.60E-03	4.60E-03	1.92E-02	2.35E-04	1.66E-03	0.00E+00	2.58E-06	1.89E-03	6.6E-06	3.0E-06	3.0E-06	1.3E-06	6.2E-07	1.1E-07	1.2E-07	8.5E-07	4.9E-07	2.2E-06
367	UCART1	593887.59, 4123159.92	8.92E-03	3.77E-03	3.56E-03	1.63E-02	1.98E-04	1.48E-03	0.00E+00	3.03E-06	1.68E-03	5.9E-06	2.5E-06	2.4E-06	1.1E-06	5.6E-07	8.8E-08	9.0E-08	7.3E-07	4.4E-07	1.9E-06
368	UCART1	593927.59, 4123159.92	7.79E-03	3.10E-03	2.79E-03	1.37E-02	1.67E-04	1.31E-03	0.00E+00	3.19E-06	1.48E-03	5.2E-06	2.1E-06	1.8E-06	9.8E-07	4.9E-07	7.3E-08	7.0E-08	6.3E-07	3.9E-07	1.6E-06
369	UCART1	593967.59, 4123159.92	6.69E-03	2.56E-03	2.22E-03	1.15E-02	1.42E-04	1.15E-03	0.00E+00	3.13E-06	1.30E-03	4.4E-06	1.7E-06	1.5E-06	8.6E-07	4.2E-07	6.0E-08	5.6E-08	5.3E-07	3.4E-07	1.4E-06
370	UCART1	594007.59, 4123159.92	5.67E-03	2.13E-03	1.79E-03	9.59E-03	1.22E-04	1.01E-03	0.00E+00	2.90E-06	1.13E-03	3.8E-06	1.4E-06	1.2E-06	7.5E-07	3.5E-07	5.0E-08	4.5E-08	4.5E-07	2.9E-07	1.2E-06
371	UCART1	592567.59, 4123199.92	3.01E-04	4.58E-04	2.24E-04	9.83E-04	2.36E-05	1.06E-04	0.00E+00	1.87E-08	1.29E-04	2.0E-07	3.0E-07	1.5E-07	8.6E-08	1.9E-08	1.1E-08	5.6E-09	3.5E-08	3.4E-08	1.0E-07
372	UCART1	592607.59, 4123199.92	3.21E-04	4.98E-04	2.41E-04	1.06E-03	2.56E-05	1.13E-04	0.00E+00	2.02E-08	1.39E-04	2.1E-07	3.3E-07	1.6E-07	9.2E-08	2.0E-08	1.2E-08	6.1E-09	3.8E-08	3.6E-08	1.1E-07
373	UCART1	592647.59, 4123199.92	3.43E-04	5.44E-04	2.61E-04	1.15E-03	2.79E-05	1.21E-04	0.00E+00	2.18E-08	1.49E-04	2.3E-07	3.6E-07	1.7E-07	9.9E-08	2.1E-08	1.3E-08	6.6E-09	4.1E-08	3.9E-08	1.2E-07
374	UCART1	592687.59, 4123199.92	3.66E-04	5.94E-04	2.82E-04	1.24E-03	3.02E-05	1.25E-04	0.00E+00	2.33E-08	1.56E-04	2.4E-07	3.9E-07	1.9E-07	1.0E-07	2.3E-08	1.4E-08	7.1E-09	4.4E-08	4.0E-08	1.3E-07
375	UCART1	592727.59, 4123199.92	3.90E-04	6.49E-04	3.07E-04	1.35E-03	3.13E-05	1.27E-04	0.00E+00	2.49E-08	1.59E-04	2.6E-07	4.3E-07	2.0E-07	1.0E-07	2.4E-08	1.5E-08	7.7E-09	4.7E-08	4.1E-08	1.4E-07
376	UCART1	592767.59, 4123199.92	4.22E-04	7.22E-04	3.37E-04	1.48E-03	3.46E-05	1.37E-04	0.00E+00	2.72E-08	1.72E-04	2.8E-07	4.8E-07	2.2E-07	1.1E-07	2.6E-08	1.7E-08	8.5E-09	5.2E-08	4.5E-08	1.5E-07
377	UCART1	592807.59, 4123199.92	4.59E-04	8.12E-04	3.73E-04	1.64E-03	3.87E-05	1.49E-04	0.00E+00	3.03E-08	1.88E-04	3.0E-07	5.4E-07	2.5E-07	1.2E-07	2.9E-08	1.9E-08	9.4E-09	5.7E-08	4.9E-08	1.6E-07
378	UCART1	592847.59, 4123199.92	5.06E-04	9.25E-04	4.18E-04	1.85E-03	4.55E-05	1.73E-04	0.00E+00	3.35E-08	2.18E-04	3.3E-07	6.1E-07	2.8E-07	1.4E-07	3.2E-08	2.2E-08	1.1E-08	6.4E-08	5.7E-08	1.8E-07
379	UCART1	592887.59, 4123199.92	5.61E-04	1.06E-03	4.71E-04	2.09E-03	5.19E-05	1.90E-04	0.00E+00	3.73E-08	2.42E-04	3.7E-07	7.0E-07	3.1E-07	1.6E-07	3.5E-08	2.5E-08	1.2E-08	7.2E-08	6.3E-08	2.1E-07
380	UCART1	592927.59, 4123199.92	6.24E-04	1.23E-03	5.36E-04	2.39E-03	5.99E-05	2.22E-04	0.00E+00	4.12E-08	2.81E-04	4.1E-07	8.2E-07	3.5E-07	1.9E-07	3.9E-08	2.9E-08	1.3E-08	8.1E-08	7.3E-08	2.4E-07
381	UCART1	592967.59, 4123199.92	6.97E-04	1.45E-03	6.15E-04	2.76E-03	6.97E-05	2.47E-04	0.00E+00	4.67E-08	3.17E-04	4.6E-07	9.6E-07	4.1E-07	2.1E-07	4.4E-08	3.4E-08	1.5E-08	9.3E-08	8.2E-08	2.7E-07
382	UCART1	593007.59, 4123199.92	7.79E-04	1.73E-03	7.12E-04	3.22E-03	8.19E-05	2.78E-04	0.00E+00	5.29E-08	3.60E-04	5.2E-07	1.1E-06	4.7E-07	2.4E-07	4.9E-08	4.0E-08	1.8E-08	1.1E-07	9.3E-08	3.1E-07
383	UCART1	593047.59, 4123199.92	8.83E-04	2.10E-03	8.39E-04	3.82E-03	9.81E-05	3.14E-04	0.00E+00	6.15E-08	4.12E-04	5.8E-07	1.4E-06	5.6E-07	2.7E-07	5.5E-08	4.9E-08	2.1E-08	1.3E-07	1.1E-07	3.6E-07
384	UCART1	593087.59, 4123199.92	1.01E-03	2.61E-03	1.01E-03	4.63E-03	1.20E-04	3.58E-04	0.00E+00	7.00E-08	4.78E-04	6.7E-07	1.7E-06	6.7E-07	3.2E-07	6.3E-08	6.1E-08	2.5E-08	1.5E-07	1.2E-07	4.2E-07
385	UCART1	593127.59, 4123199.92	1.18E-03	3.31E-03	1.24E-03	5.72E-03	1.49E-04	4.11E-04	0.00E+00	8.17E-08	5.59E-04	7.8E-07	2.2E-06	8.2E-07	3.7E-07	7.4E-08	7.7E-08	3.1E-08	1.8E-07	1.5E-07	5.1E-07
386	UCART1	593167.59, 4123199.92	1.43E-03	4.35E-03	1.58E-03	7.37E-03	1.91E-04	4.75E-04	0.00E+00	9.49E-08	6.66E-04	9.5E-07	2.9E-06	1.0E-06	4.4E-07	9.0E-08	1.0E-07	4.0E-08	2.3E-07	1.7E-07	6.4E-07
387	UCART1	593207.59, 4123199.92	1.77E-03	5.87E-03	2.08E-03	9.72E-03	2.52E-04	5.50E-04	0.00E+00	1.10E-07	8.02E-04	1.2E-06	3.9E-06	1.4E-06	5.3E-07	1.1E-07	1.4E-07	5.2E-08	3.0E-07	2.1E-07	8.1E-07
388	UCART1	593247.59, 4123199.92	2.11E-03	8.12E-03	2.77E-03	1.30E-02	3.40E-04	6.34E-04	0.00E+00	1.27E-07	9.73E-04	1.4E-06	5.4E-06	1.8E-06	6.4E-07	1.3E-07	1.9E-07	7.0E-08	3.9E-07	2.5E-07	1.0E-06
389	UCART1	593287.59, 4123199.92	2.48E-03	1.11E-02	3.78E-03	1.73E-02	4.56E-04	7.20E-04	0.00E+00	1.45E-07	1.18E-03	1.6E-06	7.3E-06	2.5E-06	7.8E-07	1.5E-07	2.6E-07	9.5E-08	5.1E-07	3.1E-07	1.3E-06
390	UCART1	593327.59, 4123199.92	2.92E-03	1.47E-02	5.35E-03	2.30E-02	6.53E-04	8.11E-04	0.00E+00	1.62E-07	1.46E-03	1.9E-06	9.7E-06	3.5E-06	9.7E-07	1.8E-07	3.4E-07	1.3E-07	6.6E-07	3.8E-07	1.7E-06
391	UCART1	593367.59, 4123199.92	3.47E-03	2.11E-02	7.58E-03	3.21E-02	9.81E-04	9.06E-04	0.00E+00	1.84E-07	1.89E-03	2.3E-06	1.4E-05	5.0E-06	1.2E-06	2.2E-07	4.9E-07	1.9E-07	9.0E-07	4.9E-07	2.3E-06
392	UCART1	593407.59, 4123199.92	4.17E-03	2.84E-02	1.11E-02	4.37E-02	1.27E-03	1.03E-03	0.00E+00	2.05E-07	2.31E-03	2.8E-06	1.9E-05	7.4E-06	1.5E-06	2.6E-07	6.7E-07	2.8E-07	1.2E-06	6.0E-07	3.0E-06
393	UCART1	593447.59, 4123199.92	5.16E-03	3.06E-02	1.66E-02	5.23E-02	1.40E-03	1.23E-03	0.00E+00	2.29E-07	2.63E-03	3.4E-06	2.0E-05	1.1E-05	1.7E-06	3.2E-07	7.2E-07	4.2E-07	1.5E-06	6.8E-07	3.6E-06
394	UCART1	593487.59, 4123199.92	6.55E-03	2.78E-02	2.21E-02	5.64E-02	1.29E-03	1.50E-03	0.00E+00	2.64E-07	2.79E-03	4.3E-06	1.8E-05	1.5E-05	1.8E-06	4.1E-07	6.5E-07	5.6E-07	1.6E-06	7.2E-07	4.0E-06
395	UCART1	593527.59, 4123199.92	8.55E-03	2.35E-02	2.59E-02	5.80E-02	1.10E-03	1.84E-03	0.00E+00	3.15E-07	2.94E-03	5.7E-06	1.6E-05	1.7E-05	1.9E-06	5.3E-07	5.5E-07	6.5E-07	1.7E-06	7.6E-07	4.2E-06
396	UCART1	593567.59, 4123199.92	1.11E-02	1.91E-02	2.70E-02	5.72E-02	9.03E-04	2.22E-03	0.00E+00	3.98E-07	3.13E-03	7.3E-06	1.3E-05	1.8E-05	2.1E-06	6.9E-07	4.5E-07	6.8E-07	1.8E-06	8.1E-07	4.4E-06
397	UCART1	593607.59, 4123199.92	1.45E-02	1.54E-02	2.45E-02	5.44E-02	7.37E-04	2.53E-03	0.00E+00	4.90E-07	3.27E-03	9.6E-06	1.0E-05	1.6E-05	2.2E-06	9.0E-07	3.6E-07	6.2E-07	1.9E-06	8.5E-07	4.6E-06
398	UCART1	593647.59, 4123199.92	1.77E-02	1.23E-02	1.95E-02	4.95E-02	5.97E-04	2.69E-03	0.00E+00	6.15E-07	3.28E-03	1.2E-05	8.2E-06	1.3E-05	2.2E-06	1.1E-06	2.9E-07	4.9E-07	1.9E-06	8.5E-07	4.6E-06
399	UCART1	593687.59, 4123199.92	1.88E-02	9.87E-03	1.44E-02	4.31E-02	4.83E-04	2.68E-03	0.00E+00	9.43E-07	3.16E-03	1.2E-05	6.5E-06	9.5E-06	2.1E-06	1.2E-06	2.3E-07	3.6E-07	1.8E-06	8.2E-07	4.4E-06
400	UCART1	593727.59, 4123199.92	1.79E-02	7.88E-03	1.03E-02	3.61E-02	3.92E-04	2.53E-03	0.00E+00	1.58E-06	2.93E-03	1.2E-05	5.2E-06	6.8E-06	1.9E-06	1.1E-06	1.8E-07	2.6E-07	1.6E-06	7.6E-07	3.9E-06

401	UCART1	593767.59, 4123199.92	1.61E-02	6.28E-03	7.39E-03	2.98E-02	3.18E-04	2.31E-03	0.00E+00	2.47E-06	2.63E-03	1.1E-05	4.2E-06	4.9E-06	1.7E-06	1.0E-06	1.5E-07	1.9E-07	1.3E-06	6.8E-07	3.4E-06
402	UCART1	593807.59, 4123199.92	1.41E-02	5.01E-03	5.37E-03	2.45E-02	2.60E-04	2.05E-03	0.00E+00	3.44E-06	2.31E-03	9.3E-06	3.3E-06	3.6E-06	1.5E-06	8.8E-07	1.2E-07	1.4E-07	1.1E-06	6.0E-07	2.9E-06
403	UCART1	593847.59, 4123199.92	1.21E-02	4.01E-03	3.98E-03	2.01E-02	2.14E-04	1.79E-03	0.00E+00	4.11E-06	2.00E-03	8.0E-06	2.7E-06	2.6E-06	1.3E-06	7.5E-07	9.4E-08	1.0E-07	9.5E-07	5.2E-07	2.4E-06
404	UCART1	593887.59, 4123199.92	1.02E-02	3.23E-03	3.02E-03	1.64E-02	1.78E-04	1.54E-03	0.00E+00	4.30E-06	1.72E-03	6.7E-06	2.1E-06	2.0E-06	1.1E-06	6.3E-07	7.6E-08	7.6E-08	7.9E-07	4.5E-07	2.0E-06
405	UCART1	593927.59, 4123199.92	8.44E-03	2.63E-03	2.33E-03	1.34E-02	1.49E-04	1.31E-03	0.00E+00	4.08E-06	1.47E-03	5.6E-06	1.7E-06	1.5E-06	9.7E-07	5.3E-07	6.1E-08	5.9E-08	6.5E-07	3.8E-07	1.7E-06
406	UCART1	593967.59, 4123199.92	6.92E-03	2.16E-03	1.84E-03	1.09E-02	1.25E-04	1.12E-03	0.00E+00	3.64E-06	1.25E-03	4.6E-06	1.4E-06	1.2E-06	8.3E-07	4.3E-07	5.0E-08	4.6E-08	5.3E-07	3.2E-07	1.4E-06
407	UCART1	594007.59, 4123199.92	5.65E-03	1.79E-03	1.48E-03	8.92E-03	1.07E-04	9.56E-04	0.00E+00	3.11E-06	1.07E-03	3.7E-06	1.2E-06	9.8E-07	7.1E-07	3.5E-07	4.2E-08	3.7E-08	4.3E-07	2.8E-07	1.1E-06
408	UCART1	592567.59, 4123239.92	3.17E-04	4.84E-04	2.37E-04	1.04E-03	2.50E-05	1.12E-04	0.00E+00	1.87E-08	1.37E-04	2.1E-07	3.2E-07	1.6E-07	9.0E-08	2.0E-08	1.1E-08	6.0E-09	3.7E-08	3.6E-08	1.1E-07
409	UCART1	592607.59, 4123239.92	3.39E-04	5.29E-04	2.56E-04	1.12E-03	2.72E-05	1.20E-04	0.00E+00	2.02E-08	1.47E-04	2.2E-07	3.5E-07	1.7E-07	9.7E-08	2.1E-08	1.2E-08	6.4E-09	4.0E-08	3.8E-08	1.2E-07
410	UCART1	592647.59, 4123239.92	3.65E-04	5.81E-04	2.78E-04	1.22E-03	2.98E-05	1.29E-04	0.00E+00	2.18E-08	1.59E-04	2.4E-07	3.8E-07	1.8E-07	1.1E-07	2.3E-08	1.4E-08	7.0E-09	4.3E-08	4.1E-08	1.3E-07
411	UCART1	592687.59, 4123239.92	3.94E-04	6.41E-04	3.04E-04	1.34E-03	3.27E-05	1.39E-04	0.00E+00	2.41E-08	1.72E-04	2.6E-07	4.2E-07	2.0E-07	1.1E-07	2.5E-08	1.5E-08	7.6E-09	4.7E-08	4.5E-08	1.4E-07
412	UCART1	592727.59, 4123239.92	4.26E-04	7.07E-04	3.34E-04	1.47E-03	3.59E-05	1.51E-04	0.00E+00	2.57E-08	1.87E-04	2.8E-07	4.7E-07	2.2E-07	1.2E-07	2.7E-08	1.7E-08	8.4E-09	5.2E-08	4.9E-08	1.5E-07
413	UCART1	592767.59, 4123239.92	4.62E-04	7.86E-04	3.70E-04	1.62E-03	3.84E-05	1.51E-04	0.00E+00	2.80E-08	1.90E-04	3.1E-07	5.2E-07	2.4E-07	1.3E-07	2.9E-08	1.8E-08	9.3E-09	5.7E-08	4.9E-08	1.6E-07
414	UCART1	592807.59, 4123239.92	5.09E-04	8.90E-04	4.13E-04	1.81E-03	4.37E-05	1.65E-04	0.00E+00	3.11E-08	2.09E-04	3.4E-07	5.9E-07	2.7E-07	1.4E-07	3.2E-08	2.1E-08	1.0E-08	6.3E-08	5.4E-08	1.8E-07
415	UCART1	592847.59, 4123239.92	5.72E-04	1.02E-03	4.68E-04	2.06E-03	5.03E-05	1.90E-04	0.00E+00	3.42E-08	2.40E-04	3.8E-07	6.7E-07	3.1E-07	1.6E-07	3.6E-08	2.4E-08	1.2E-08	7.1E-08	6.2E-08	2.0E-07
416	UCART1	592887.59, 4123239.92	6.37E-04	1.18E-03	5.32E-04	2.34E-03	5.68E-05	2.00E-04	0.00E+00	3.73E-08	2.57E-04	4.2E-07	7.8E-07	3.5E-07	1.7E-07	4.0E-08	2.7E-08	1.3E-08	8.1E-08	6.7E-08	2.3E-07
417	UCART1	592927.59, 4123239.92	7.09E-04	1.38E-03	6.05E-04	2.70E-03	6.70E-05	2.45E-04	0.00E+00	4.20E-08	3.12E-04	4.7E-07	9.1E-07	4.0E-07	2.1E-07	4.4E-08	3.2E-08	1.5E-08	9.2E-08	8.1E-08	2.6E-07
418	UCART1	592967.59, 4123239.92	7.92E-04	1.66E-03	6.96E-04	3.14E-03	7.94E-05	2.76E-04	0.00E+00	4.75E-08	3.56E-04	5.2E-07	1.1E-06	4.6E-07	2.4E-07	4.9E-08	3.9E-08	1.8E-08	1.1E-07	9.2E-08	3.0E-07
419	UCART1	593007.59, 4123239.92	8.88E-04	2.01E-03	8.11E-04	3.71E-03	9.49E-05	3.13E-04	0.00E+00	5.45E-08	4.08E-04	5.9E-07	1.3E-06	5.4E-07	2.7E-07	5.5E-08	4.7E-08	2.0E-08	1.2E-07	1.1E-07	3.5E-07
420	UCART1	593047.59, 4123239.92	1.02E-03	2.50E-03	9.70E-04	4.49E-03	1.16E-04	3.59E-04	0.00E+00	6.22E-08	4.75E-04	6.7E-07	1.7E-06	6.4E-07	3.1E-07	6.3E-08	5.9E-08	2.4E-08	1.5E-07	1.2E-07	4.2E-07
421	UCART1	593087.59, 4123239.92	1.20E-03	3.21E-03	1.19E-03	5.59E-03	1.46E-04	4.16E-04	0.00E+00	7.08E-08	5.61E-04	7.9E-07	2.1E-06	7.9E-07	3.7E-07	7.5E-08	7.5E-08	3.0E-08	1.8E-07	1.5E-07	5.1E-07
422	UCART1	593127.59, 4123239.92	1.52E-03	4.27E-03	1.54E-03	7.34E-03	1.89E-04	4.86E-04	0.00E+00	8.25E-08	6.75E-04	1.0E-06	2.8E-06	1.0E-06	4.5E-07	9.5E-08	1.0E-07	3.9E-08	2.3E-07	1.8E-07	6.4E-07
423	UCART1	593167.59, 4123239.92	2.03E-03	5.96E-03	2.08E-03	1.01E-02	2.55E-04	5.75E-04	0.00E+00	9.96E-08	8.30E-04	1.3E-06	3.9E-06	1.4E-06	5.5E-07	1.3E-07	1.4E-07	5.2E-08	3.2E-07	2.2E-07	8.5E-07
424	UCART1	593207.59, 4123239.92	2.35E-03	8.80E-03	2.72E-03	1.39E-02	3.65E-04	6.84E-04	0.00E+00	1.19E-07	1.05E-03	1.6E-06	5.8E-06	1.8E-06	6.9E-07	1.5E-07	2.1E-07	6.8E-08	4.2E-07	2.7E-07	1.1E-06
425	UCART1	593247.59, 4123239.92	2.79E-03	1.43E-02	3.77E-03	2.09E-02	5.72E-04	8.13E-04	0.00E+00	1.41E-07	1.39E-03	1.8E-06	9.5E-06	2.5E-06	9.2E-07	1.7E-07	3.4E-07	9.5E-08	6.0E-07	3.6E-07	1.6E-06
426	UCART1	593287.59, 4123239.92	3.24E-03	2.57E-02	5.57E-03	3.45E-02	1.00E-03	9.59E-04	0.00E+00	1.66E-07	1.96E-03	2.1E-06	1.7E-05	3.7E-06	1.3E-06	2.0E-07	6.0E-07	1.4E-07	9.4E-07	5.1E-07	2.4E-06
427	UCART1	593327.59, 4123239.92	4.00E-03	4.92E-02	9.24E-03	6.24E-02	2.11E-03	1.11E-03	0.00E+00	1.95E-07	3.22E-03	2.6E-06	3.3E-05	6.1E-06	2.1E-06	2.5E-07	1.2E-06	2.3E-07	1.6E-06	8.4E-07	4.1E-06
428	UCART1	593367.59, 4123239.92	4.85E-03	7.20E-02	1.66E-02	9.35E-02	2.65E-03	1.27E-03	0.00E+00	2.27E-07	3.93E-03	3.2E-06	4.8E-05	1.1E-05	2.6E-06	3.0E-07	1.7E-06	4.2E-07	2.4E-06	1.0E-06	5.8E-06
429	UCART1	593407.59, 4123239.92	6.20E-03	6.52E-02	3.22E-02	1.04E-01	3.10E-03	1.49E-03	0.00E+00	2.57E-07	4.59E-03	4.1E-06	4.3E-05	2.1E-05	3.0E-06	3.9E-07	1.5E-06	8.1E-07	2.7E-06	1.2E-06	6.6E-06
430	UCART1	593447.59, 4123239.92	8.08E-03	4.88E-02	4.72E-02	1.04E-01	2.35E-03	1.84E-03	0.00E+00	2.92E-07	4.19E-03	5.3E-06	3.2E-05	3.1E-05	2.8E-06	5.0E-07	1.1E-06	1.2E-06	2.8E-06	1.1E-06	6.8E-06
431	UCART1	593487.59, 4123239.92	1.12E-02	3.57E-02	5.66E-02	1.03E-01	1.72E-03	2.36E-03	0.00E+00	3.35E-07	4.08E-03	7.4E-06	2.4E-05	3.7E-05	2.7E-06	7.0E-07	8.3E-07	1.4E-06	3.0E-06	1.1E-06	7.0E-06
432	UCART1	593527.59, 4123239.92	1.61E-02	2.65E-02	5.82E-02	1.01E-01	1.29E-03	3.00E-03	0.00E+00	3.91E-07	4.29E-03	1.1E-05	1.8E-05	3.9E-05	2.8E-06	1.0E-06	6.2E-07	1.5E-06	3.1E-06	1.1E-06	7.3E-06
433	UCART1	593567.59, 4123239.92	2.60E-02	2.01E-02	5.07E-02	9.68E-02	9.83E-04	3.54E-03	0.00E+00	4.92E-07	4.52E-03	1.7E-05	1.3E-05	3.4E-05	3.0E-06	1.6E-06	4.7E-07	1.3E-06	3.4E-06	1.2E-06	7.9E-06
434	UCART1	593607.59, 4123239.92	3.65E-02	1.53E-02	3.49E-02	8.68E-02	7.55E-04	3.79E-03	0.00E+00	6.12E-07	4.54E-03	2.4E-05	1.0E-05	2.3E-05	3.0E-06	2.3E-06	3.6E-07	8.8E-07	3.5E-06	1.2E-06	8.2E-06
435	UCART1	593647.59, 4123239.92	3.77E-02	1.18E-02	2.20E-02	7.14E-02	5.84E-04	3.72E-03	0.00E+00	8.55E-07	4.30E-03	2.5E-05	7.8E-06	1.5E-05	2.8E-06	2.4E-06	2.8E-07	5.5E-07	3.2E-06	1.1E-06	7.5E-06
436	UCART1	593687.59, 4123239.92	3.20E-02	9.04E-03	1.38E-02	5.48E-02	4.55E-04	3.42E-03	0.00E+00	1.61E-06	3.88E-03	2.1E-05	6.0E-06	9.1E-06	2.6E-06	2.0E-06	2.1E-07	3.5E-07	2.6E-06	1.0E-06	6.1E-06
437	UCART1	593727.59, 4123239.92	2.57E-02	6.97E-03	8.98E-03	4.16E-02	3.58E-04	3.01E-03	0.00E+00	3.01E-06	3.37E-03	1.7E-05	4.6E-06	5.9E-06	2.2E-06	1.6E-06	1.6E-07	2.3E-07	2.0E-06	8.8E-07	4.9E-06
438	UCART1	593767.59, 4123239.92	2.10E-02	5.40E-03	6.09E-03	3.25E-02	2.84E-04	2.57E-03	0.00E+00	4.74E-06	2.86E-03	1.4E-05	3.6E-06	4.0E-06	1.9E-06	1.3E-06	1.3E-07	1.5E-07	1.6E-06	7.4E-07	3.9E-06
439	UCART1	593807.59, 4123239.92	1.71E-02	4.22E-03	4.30E-03	2.56E-02	2.29E-04	2.16E-03	0.00E+00	5.69E-06	2.39E-03	1.1E-05	2.8E-06	2.8E-06	1.6E-06	1.1E-06	9.9E-08	1.1E-07	1.3E-06	6.2E-07	3.2E-06
440	UCART1	593847.59, 4123239.92	1.37E-02	3.33E-03	3.15E-03	2.02E-02	1.86E-04	1.79E-03	0.00E+00	5.83E-06	1.99E-03	9.1E-06	2.2E-06	2.1E-06	1.3E-06	8.5E-07	7.8E-08	7.9E-08	1.0E-06	5.2E-07	2.5E-06
441	UCART1	593887.59, 4123239.92	1.09E-02	2.67E-03	2.38E-03	1.59E-02	1.53E-04	1.49E-03	0.00E+00	5.34E-06	1.65E-03	7.2E-06	1.8E-06	1.6E-06	1.1E-06	6.8E-07	6.2E-08	6.0E-08	8.0E-07	4.3E-07	2.0E-06
442	UCART1	593927.59, 4123239.92	8.53E-03	2.17E-03	1.85E-03	1.26E-02	1.28E-04	1.24E-03	0.00E+00	4.55E-06	1.37E-03	5.6E-06	1.4E-06	1.2E-06	9.1E-07	5.3E-07	5.1E-08	4.7E-08	6.3E-07	3.6E-07	1.6E-06
443	UCART1	593967.59, 4123239.92	6.69E-03	1.79E-03	1.48E-03	9.95E-03	1.08E-04	1.03E-03	0.00E+00	3.69E-06	1.14E-03	4.4E-06	1.2E-06	9.8E-07	7.6E-07	4.2E-07	4.2E-08	3.7E-08	5.0E-07	3.0E-07	1.3E-06
444	UCART1	594007.59, 4123239.92	5.26E-03	1.50E-03	1.20E-03	7.96E-03	9.20E-05	8.67E-04	0.00E+00	2.84E-06	9.62E-04	3.5E-06	9.9E-07	8.0E-07	6.4E-07	3.3E-07	3.5E-08	3.0E-08	3.9E-07	2.5E-07	1.0E-06
445	UCART1	592567.59, 4123279.92	3.35E-04	5.15E-04	2.51E-04	1.10E-03	2.65E-05	1.18E-04	0.00E+00	1.94E-08	1.44E-04	2.2E-07	3.4E-07	1.7E-07	9.6E-08	2.1E-08	1.2E-08	6.3E-09	3.9E-08	3.8E-08	1.2E-07
446	UCART1	592607.59, 4123279.92	3.59E-04	5.64E-04	2.72E-04	1.19E-03	2.90E-05	1.27E-04	0.00E+00	2.10E-08	1.56E-04	2.4E-07	3.7E-07	1.8E-07	1.0E-07	2.2E-08	1.3E-08	6.8E-09	4.2E-08	4.1E-08	1.3E-07
447	UCART1	592647.59, 4123279.92	3.88E-04	6.23E-04	2.96E-04	1.31E-03	3.19E-05	1.37E-04	0.00E+00	2.26E-08	1.69E-04	2.6E-07	4.1E-07	2.0E-07	1.1E-07	2.4E-08	1.5E-08	7.5E-09	4.6E-08	4.4E-08	1.4E-07
448	UCART1	592687.59, 4123279.92	4.23E-04	6.91E-04	3.26E-04	1.44E-03	3.52E-05	1.49E-04	0.00E+00	2.49E-08	1.84E-04	2.8E-07	4.6E-07	2.2E-07	1.2E-07	2.6E-08	1.6E-08	8.2E-09	5.1E-08	4.8E-08	1.5E-07
449	UCART1	592727.59, 4123279.92	4.65E-04	7.70E-04	3.63E-04	1.60E-03	3.91E-05	1.62E-04	0.00E+00	2.64E-08	2.01E-04	3.1E-07	5.1E-07	2.4E-07	1.3E-07	2.9E-08	1.8E-08	9.1E-09	5.6E-08	5.2E-08	1.6E-07
450	UCART1	592767.59, 4123279.92	5.23E-04	8.63E-04	4.11E-04	1.80E-03	4.34E-05	1.77E-04	0.00E+00	2.88E-08	2.20E-04	3.5E-07	5.7E-07	2.7E-07	1.5E-07	3.3E-08	2.0E-08	1.0E-08	6.3E-08	5.7E-08	1.8E-07
451	UCART1	592807.59, 4123279.92	6.06E-04	9.82E-04	4.77E-04	2.06E-03	4.88E-05	1.88E-04	0.00E+00	3.19E-08	2.37E-04	4.0E-07	6.5E-07	3.2E-07	1.6E-07	3.8E-08	2.3E-08	1.2E-08	7.3E-08	6.2E-08	2.1E-07
452	UCART1	592847.59, 4123279.92	7.15E-04	1.13E-03	5.58E-04	2.41E-03	5.58E-05	2.09E-04	0.00E+00	3.50E-08	2.64E-04	4.7E-07	7.5E-07	3.7E-07	1.7E-07	4.5E-08	2.7E-08	1.4E-08	8.5E-08	6.9E-08	2.4E-07
453	UCART1	592887.59, 4123279.92	7.60E-04	1.31E-03	6.18E-04	2.69E-03	6.34E-05	2.23E-04	0.00E+00	3.89E-08	2.86E-04	5.0E-07	8.7E-07	4.1E-07	1.9E-07	4.7E-08	3.1E-08	1.6E-08	9.4E-08	7.4E-08	2.6E-07
454	UCART1	592927.59, 4123279.92	8.17E-04	1.56E-03	6.90E-04	3.06E-03	7.56E-05	2.71E-04	0.00E+00	4.36E-08	3.47E-04	5.4E-07	1.0E-06	4.6E-07	2.3E-07	5.1E-08	3.6E-08	1.7E-08	1.0E-07	9.0E-08	3.0E-07
455	UCART1	592967.59, 4123279.92	8.99E-04	1.89E-03	7.89E-04	3.57E-03	9.06E-05	3.09E-04	0.00E+00	4.90E-08	4.00E-04	5.9E-07	1.2E-06	5.2E-07	2.6E-07	5.6E-08	4.4E-08	2.0E-08	1.2E-07	1.0E-07	3.4E-07
456	UCART1	593007.59, 4123279.92	1.01E-03	2.33E-03	9.26E-04	4.27E-03	1.10E-04	3.54E-04	0.00E+00	5.60E-08	4.65E-04	6.7E-07	1.5E-06	6.1E-07	3.1E-07	6.3E-08	5.5E-08	2.3E-08	1.4E-07	1.2E-07	4.0E-07
457	UCART1	593047.59, 4123279.92	1.18E-03	2.97E-03	1.12E-03	5.27E-03	1.38E-04	4.12E-04	0.00E+00	6.38E-08	5.50E-04	7.8E-07	2.0E-06	7.4E-07	3.6E-07	7.4E-08	6.9E-08	2.8E-08	1.7E-07	1.4E-07	4.9E-07
458	UCART1	593087.59, 4123279.92	1.48E-03	3.93E-03	1.44E-03	6.84E-03	1.78E-04	4.85E-04	0.00E+00	7.39E-08	6.63E-04	9.8E-07	2.6E-06	9.5E-07	4.4E-07	9.2E-08	9.2E-08	3.6E-08	2.2E-07	1.7E-07	6.1E-07
459	UCART1	593127.59, 4123279.92	2.01E-03	5.49E-03	1.94E-03	9.44E-03	2.42E-04	5.81E-04	0.00E+00	8.64E-08	8.22E-04	1.3E-06	3.6E-06	1.3E-06	5.4E-07	1.3E-07	1.3E-07	4.9E-08	3.0E-07	2.1E-07	8.2E-07
460	UCART1	593167.59, 4123279.92	2.43E-03	8.12E-03	2.55E-03	1.31E-02	3.48E-04	7.04E-04	0.00E+00	1.01E-07	1.05E-03	1.6E-06	5.4E-06	1.7E-06	7.0E-07	1.5E-07	1.9E-07	6.4E-08	4.1E-07	2.7E-07	1.1E-06
461	UCART1	593207.59, 4123279.92	2.67E-03	1.32E-02	3.33E-03	1.92E-02	5.49E-04	8.62E-04	0.00E+00	1.20E-07	1.41E-03	1.8E-06	8.8E-06	2.2E-06	9.3E-07	1.7E-07	3.1E-07	8.4E-08	5.6E-07	3.7E-07	1.5E-06
462	UCART1	593247.59, 4123279.92	3.19E-03	2.76E-02	4.85E-03	3.57E-02	1.08E-03	1.07E-03	0.00E+00	1.49E-07	2.14E-03	2.1E-06	1.8E-05	3.2E-06	1.4E-06	2.0E-07	6.5E-07	1.2E-07	9.7E-07	5.6E-07	2.5E-06
463	UCART1	593287.59, 4123279.92	4.01E-03	8.54E-02	8.14E-03	9.75E-02	4.14E-03	1.32E-03	0.00E+00	1.83E-07	5.46E-03	2.7E-06	5.6E-05	5.4E-06	3.6E-06	2.5E-07	2.0E-06	2.0E-07	2.5E-06	1.4E-06	6.3E-06
464	UCART1	593327.59, 4123279.92	5.21E-03	1.57E-01	1.76E-02	1.80E-01	6.43E-03	1.60E-03	0.00E+00	2.22E-07	8.04E-03	3.4E-06	1.0E-04	1.2E-05	5.3E-06	3.2E-07	3.7E-06	4.4E-07	4.4E-06	2.1E-06	1.1E-05
465	UCART1	593367.59, 4123279.92	6.95E-03	2.10E-01	3.51E-02	2.52E-01	5.68E-03	1.90E-03	0.00E+00	2.70E-07	7.58E-03	4.6E-06	1.4E-04	2.3E-05	5.0E-06	4.3E-07	4.9E-06	8.8E-07	6.2E-06	2.0E-06	1.4E-05
466	UCART1	593407.59, 4123279.92	9.83E-03	9.74E-02	1.01E-01	2.08E-01	4.69E-03	2.30E-03	0.00E+00	3.27E-07	6.99E-03	6.5E-06	6.4E-05	6.7E-05	4.6E-06	6.1E-07	2.3E-06	2.5E-06	5.4E-06	1.8E-06	1.3E-05
467	UCART1	593447.59, 4123279.92	1.42E-02	5.69E-02	1.23E-01	1.94E-01	2.83E-03	3.06E-03	0.00E+00	3.81E-07	5.88E-03	9.4E-06	3.8E-05	8.1E-05	3.9E-06	8.9E-07	1.3E-06	3.1E-06	5.3E-06	1.5E-06	1.2E-05
468	UCART1	593487.59, 4123279.92	2.04E-02	3.74E-02	1.26E-01	1.84E-01	1.89E-03	4.19E-03	0.00E+00	4.27E-07	6.09E-03	1.3E-05	2.5E-05	8.4E-05	4.0E-06	1.3E-06	8.7E-07	3.2E-06	5.3E-06	1.6E-06	1.2E-05
469	UCART1	593527.59, 4123279.92	3.74E-02	2.64E-02	1.27E-01	1.91E-01	1.33E-03	5.26E-03	0.00E+00	4.96E-07	6.59E-03	2.5E-05	1.7E-05	8.4E-05	4.4E-06	2.3E-06	6.2E-07	3.2E-06	6.2E-06	1.7E-06	1.4E-05

470	UCART1	593567.59, 4123279.92	5.48E-02	1.91E-02	7.47E-02	1.49E-01	9.59E-04	5.72E-03	0.00E+00	6.02E-07	6.67E-03	3.6E-05	1.3E-05	4.9E-05	4.4E-06	3.4E-06	4.5E-07	1.9E-06	5.7E-06	1.7E-06	1.3E-05
471	UCART1	593607.59, 4123279.92	7.25E-02	1.40E-02	3.44E-02	1.21E-01	7.03E-04	5.47E-03	0.00E+00	7.82E-07	6.18E-03	4.8E-05	9.3E-06	2.3E-05	4.1E-06	4.5E-06	3.3E-07	8.7E-07	5.7E-06	1.6E-06	1.3E-05
472	UCART1	593647.59, 4123279.92	7.52E-02	1.03E-02	1.78E-02	1.03E-01	5.22E-04	4.80E-03	0.00E+00	1.64E-06	5.33E-03	5.0E-05	6.8E-06	1.2E-05	3.5E-06	4.7E-06	2.4E-07	4.5E-07	5.4E-06	1.4E-06	1.2E-05
473	UCART1	593687.59, 4123279.92	4.58E-02	7.70E-03	1.03E-02	6.38E-02	3.96E-04	4.01E-03	0.00E+00	5.21E-06	4.41E-03	3.0E-05	5.1E-06	6.8E-06	2.9E-06	2.9E-06	1.8E-07	2.6E-07	3.3E-06	1.1E-06	7.7E-06
474	UCART1	593727.59, 4123279.92	3.40E-02	5.78E-03	6.53E-03	4.63E-02	3.05E-04	3.25E-03	0.00E+00	6.75E-06	3.56E-03	2.3E-05	3.8E-06	4.3E-06	2.4E-06	2.1E-06	1.4E-07	1.6E-07	2.4E-06	9.3E-07	5.8E-06
475	UCART1	593767.59, 4123279.92	2.58E-02	4.40E-03	4.43E-03	3.46E-02	2.39E-04	2.60E-03	0.00E+00	8.00E-06	2.85E-03	1.7E-05	2.9E-06	2.9E-06	1.9E-06	1.6E-06	1.0E-07	1.1E-07	1.8E-06	7.4E-07	4.4E-06
476	UCART1	593807.59, 4123279.92	1.94E-02	3.41E-03	3.16E-03	2.60E-02	1.91E-04	2.07E-03	0.00E+00	7.93E-06	2.27E-03	1.3E-05	2.3E-06	2.1E-06	1.5E-06	1.2E-06	8.0E-08	8.0E-08	1.4E-06	5.9E-07	3.3E-06
477	UCART1	593847.59, 4123279.92	1.44E-02	2.69E-03	2.36E-03	1.95E-02	1.55E-04	1.66E-03	0.00E+00	6.93E-06	1.83E-03	9.5E-06	1.8E-06	1.6E-06	1.2E-06	9.0E-07	6.3E-08	5.9E-08	1.0E-06	4.7E-07	2.5E-06
478	UCART1	593887.59, 4123279.92	1.07E-02	2.17E-03	1.82E-03	1.47E-02	1.28E-04	1.34E-03	0.00E+00	5.54E-06	1.48E-03	7.1E-06	1.4E-06	1.2E-06	9.8E-07	6.7E-07	5.1E-08	4.6E-08	7.6E-07	3.8E-07	1.9E-06
479	UCART1	593927.59, 4123279.92	7.93E-03	1.78E-03	1.45E-03	1.12E-02	1.07E-04	1.10E-03	0.00E+00	4.14E-06	1.21E-03	5.2E-06	1.2E-06	9.6E-07	8.0E-07	4.9E-07	4.2E-08	3.6E-08	5.7E-07	3.1E-07	1.5E-06
480	UCART1	593967.59, 4123279.92	5.97E-03	1.48E-03	1.17E-03	8.63E-03	9.12E-05	9.04E-04	0.00E+00	3.06E-06	9.98E-04	3.9E-06	9.8E-07	7.8E-07	6.6E-07	3.7E-07	3.5E-08	3.0E-08	4.4E-07	2.6E-07	1.1E-06
481	UCART1	594007.59, 4123279.92	4.57E-03	1.26E-03	9.74E-04	6.80E-03	7.84E-05	7.55E-04	0.00E+00	2.30E-06	8.36E-04	3.0E-06	8.3E-07	6.4E-07	5.5E-07	2.8E-07	2.9E-08	2.5E-08	3.4E-07	2.2E-07	8.9E-07
482	UCART1	592567.59, 4123319.92	3.52E-04	5.49E-04	2.65E-04	1.17E-03	2.82E-05	1.25E-04	0.00E+00	2.02E-08	1.53E-04	2.3E-07	3.6E-07	1.8E-07	1.0E-07	2.2E-08	1.3E-08	6.7E-09	4.1E-08	4.0E-08	1.2E-07
483	UCART1	592607.59, 4123319.92	3.80E-04	6.03E-04	2.88E-04	1.27E-03	3.09E-05	1.35E-04	0.00E+00	2.18E-08	1.66E-04	2.5E-07	4.0E-07	1.9E-07	1.1E-07	2.4E-08	1.4E-08	7.2E-09	4.5E-08	4.3E-08	1.3E-07
484	UCART1	592647.59, 4123319.92	4.13E-04	6.68E-04	3.16E-04	1.40E-03	3.41E-05	1.46E-04	0.00E+00	2.41E-08	1.80E-04	2.7E-07	4.4E-07	2.1E-07	1.2E-07	2.6E-08	1.6E-08	8.0E-09	4.9E-08	4.7E-08	1.5E-07
485	UCART1	592687.59, 4123319.92	4.54E-04	7.44E-04	3.51E-04	1.55E-03	3.79E-05	1.59E-04	0.00E+00	2.57E-08	1.97E-04	3.0E-07	4.9E-07	2.3E-07	1.3E-07	2.8E-08	1.7E-08	8.8E-09	5.5E-08	5.1E-08	1.6E-07
486	UCART1	592727.59, 4123319.92	5.11E-04	8.38E-04	3.96E-04	1.74E-03	4.24E-05	1.74E-04	0.00E+00	2.80E-08	2.17E-04	3.4E-07	5.5E-07	2.6E-07	1.4E-07	3.2E-08	2.0E-08	1.0E-08	6.1E-08	5.6E-08	1.8E-07
487	UCART1	592767.59, 4123319.92	6.34E-04	9.55E-04	4.78E-04	2.07E-03	4.77E-05	1.92E-04	0.00E+00	3.03E-08	2.39E-04	4.2E-07	6.3E-07	3.2E-07	1.6E-07	4.0E-08	2.2E-08	1.2E-08	7.4E-08	6.2E-08	2.1E-07
488	UCART1	592807.59, 4123319.92	6.65E-04	1.08E-03	5.22E-04	2.27E-03	5.39E-05	2.11E-04	0.00E+00	3.35E-08	2.65E-04	4.4E-07	7.1E-07	3.5E-07	1.8E-07	4.2E-08	2.5E-08	1.3E-08	8.0E-08	6.9E-08	2.3E-07
489	UCART1	592847.59, 4123319.92	9.86E-04	1.28E-03	7.12E-04	2.98E-03	6.20E-05	2.35E-04	0.00E+00	3.66E-08	2.97E-04	6.5E-07	8.5E-07	4.7E-07	2.0E-07	6.2E-08	3.0E-08	1.8E-08	1.1E-07	7.7E-08	3.0E-07
490	UCART1	592887.59, 4123319.92	9.12E-04	1.48E-03	7.22E-04	3.11E-03	7.21E-05	2.57E-04	0.00E+00	4.05E-08	3.29E-04	6.0E-07	9.8E-07	4.8E-07	2.2E-07	5.7E-08	3.5E-08	1.8E-08	1.1E-07	8.5E-08	3.0E-07
491	UCART1	592927.59, 4123319.92	9.41E-04	1.77E-03	7.88E-04	3.50E-03	8.62E-05	3.01E-04	0.00E+00	4.59E-08	3.87E-04	6.2E-07	1.2E-06	5.2E-07	2.6E-07	5.9E-08	4.1E-08	2.0E-08	1.2E-07	1.0E-07	3.4E-07
492	UCART1	592967.59, 4123319.92	1.02E-03	2.16E-03	9.02E-04	4.08E-03	1.05E-04	3.46E-04	0.00E+00	5.13E-08	4.50E-04	6.8E-07	1.4E-06	6.0E-07	3.0E-07	6.4E-08	5.1E-08	2.3E-08	1.4E-07	1.2E-07	3.9E-07
493	UCART1	593007.59, 4123319.92	1.16E-03	2.72E-03	1.07E-03	4.95E-03	1.30E-04	4.02E-04	0.00E+00	5.83E-08	5.32E-04	7.7E-07	1.8E-06	7.1E-07	3.5E-07	7.2E-08	6.4E-08	2.7E-08	1.6E-07	1.4E-07	4.6E-07
494	UCART1	593047.59, 4123319.92	1.39E-03	3.56E-03	1.33E-03	6.29E-03	1.67E-04	4.75E-04	0.00E+00	6.69E-08	6.42E-04	9.2E-07	2.4E-06	8.8E-07	4.2E-07	8.7E-08	8.3E-08	3.4E-08	2.0E-07	1.7E-07	5.7E-07
495	UCART1	593087.59, 4123319.92	1.87E-03	4.90E-03	1.78E-03	8.55E-03	2.25E-04	5.70E-04	0.00E+00	7.70E-08	7.95E-04	1.2E-06	3.2E-06	1.2E-06	5.3E-07	1.2E-07	1.1E-07	4.5E-08	2.8E-07	2.1E-07	7.6E-07
496	UCART1	593127.59, 4123319.92	2.24E-03	7.15E-03	2.30E-03	1.17E-02	3.21E-04	6.98E-04	0.00E+00	9.02E-08	1.02E-03	1.5E-06	4.7E-06	1.5E-06	6.7E-07	1.4E-07	1.7E-07	5.8E-08	3.6E-07	2.6E-07	9.9E-07
497	UCART1	593167.59, 4123319.92	2.51E-03	1.14E-02	3.00E-03	1.70E-02	4.97E-04	8.71E-04	0.00E+00	1.07E-07	1.37E-03	1.7E-06	7.6E-06	2.0E-06	9.1E-07	1.6E-07	2.7E-07	7.6E-08	5.0E-07	3.6E-07	1.4E-06
498	UCART1	593207.59, 4123319.92	2.93E-03	2.14E-02	4.22E-03	2.86E-02	8.76E-04	1.11E-03	0.00E+00	1.26E-07	1.98E-03	1.9E-06	1.4E-05	2.8E-06	1.3E-06	1.8E-07	5.0E-07	1.1E-07	7.9E-07	5.2E-07	2.1E-06
499	UCART1	593247.59, 4123319.92	3.73E-03	5.38E-02	6.72E-03	6.42E-02	1.95E-03	1.44E-03	0.00E+00	1.52E-07	3.39E-03	2.5E-06	3.6E-05	4.4E-06	2.2E-06	2.3E-07	1.3E-06	1.7E-07	1.7E-06	8.8E-07	4.2E-06
500	UCART1	593287.59, 4123319.92	5.11E-03	1.38E-01	1.28E-02	1.56E-01	6.48E-03	1.92E-03	0.00E+00	1.86E-07	8.40E-03	3.4E-06	9.2E-05	8.5E-06	5.6E-06	3.2E-07	3.2E-06	3.2E-07	3.9E-06	2.2E-06	9.9E-06
501	UCART1	593327.59, 4123319.92	7.52E-03	2.47E-01	3.21E-02	2.86E-01	8.13E-03	2.51E-03	0.00E+00	2.39E-07	1.06E-02	5.0E-06	1.6E-04	2.1E-05	7.0E-06	4.7E-07	5.8E-06	8.1E-07	7.1E-06	2.8E-06	1.7E-05
502	UCART1	593367.59, 4123319.92	1.20E-02	2.15E-01	7.48E-02	3.02E-01	7.56E-03	3.13E-03	0.00E+00	3.06E-07	1.07E-02	7.9E-06	1.4E-04	4.9E-05	7.1E-06	7.5E-07	5.0E-06	1.9E-06	7.7E-06	2.8E-06	1.8E-05
503	UCART1	593407.59, 4123319.92	2.08E-02	9.80E-02	1.31E-01	2.50E-01	4.78E-03	4.00E-03	0.00E+00	3.79E-07	8.77E-03	1.4E-05	6.5E-05	8.7E-05	5.8E-06	1.3E-06	2.3E-06	3.3E-06	6.9E-06	2.3E-06	1.6E-05
504	UCART1	593447.59, 4123319.92	3.15E-02	5.66E-02	1.49E-01	2.37E-01	2.90E-03	6.04E-03	0.00E+00	4.75E-07	8.95E-03	2.1E-05	3.7E-05	9.8E-05	5.9E-06	2.0E-06	1.3E-06	3.7E-06	7.0E-06	2.3E-06	1.6E-05
505	UCART1	593487.59, 4123319.92	4.28E-02	3.61E-02	1.39E-01	2.18E-01	1.87E-03	8.55E-03	0.00E+00	5.61E-07	1.04E-02	2.8E-05	2.4E-05	9.2E-05	6.9E-06	2.7E-06	8.4E-07	3.5E-06	7.0E-06	2.7E-06	1.7E-05
506	UCART1	593527.59, 4123319.92	6.47E-02	2.44E-02	9.61E-02	1.85E-01	1.24E-03	9.53E-03	0.00E+00	7.22E-07	1.08E-02	4.3E-05	1.6E-05	6.4E-05	7.1E-06	4.0E-06	5.7E-07	2.4E-06	7.0E-06	2.8E-06	1.7E-05
507	UCART1	593567.59, 4123319.92	8.83E-02	1.69E-02	5.35E-02	1.59E-01	8.46E-04	8.71E-03	0.00E+00	8.01E-07	9.55E-03	5.8E-05	1.1E-05	3.5E-05	6.3E-06	5.5E-06	3.9E-07	1.3E-06	7.2E-06	2.5E-06	1.7E-05
508	UCART1	593607.59, 4123319.92	9.04E-02	1.18E-02	2.07E-02	1.23E-01	5.94E-04	7.08E-03	0.00E+00	1.13E-06	7.68E-03	6.0E-05	7.8E-06	1.4E-05	5.1E-06	5.6E-06	2.8E-07	5.2E-07	6.4E-06	2.0E-06	1.5E-05
509	UCART1	593647.59, 4123319.92	7.33E-02	8.41E-03	1.06E-02	9.23E-02	4.30E-04	5.44E-03	0.00E+00	7.74E-06	5.88E-03	4.8E-05	5.6E-06	7.0E-06	3.9E-06	4.6E-06	2.0E-07	2.7E-07	5.0E-06	1.5E-06	1.2E-05
510	UCART1	593687.59, 4123319.92	7.01E-02	6.15E-03	6.63E-03	8.29E-02	3.20E-04	4.10E-03	0.00E+00	1.60E-05	4.43E-03	4.6E-05	4.1E-06	4.4E-06	2.9E-06	4.4E-06	1.4E-07	1.7E-07	4.7E-06	1.2E-06	1.1E-05
511	UCART1	593727.59, 4123319.92	4.49E-02	4.54E-03	4.38E-03	5.38E-02	2.45E-04	3.09E-03	0.00E+00	1.52E-05	3.35E-03	3.0E-05	3.0E-06	2.9E-06	2.2E-06	2.8E-06	1.1E-07	1.1E-07	3.0E-06	8.7E-07	6.9E-06
512	UCART1	593767.59, 4123319.92	2.99E-02	3.45E-03	3.09E-03	3.64E-02	1.93E-04	2.35E-03	0.00E+00	1.07E-05	2.55E-03	2.0E-05	2.3E-06	2.0E-06	1.7E-06	1.9E-06	8.1E-08	7.8E-08	2.0E-06	6.6E-07	4.7E-06
513	UCART1	593807.59, 4123319.92	2.02E-02	2.69E-03	2.30E-03	2.51E-02	1.55E-04	1.81E-03	0.00E+00	8.55E-06	1.98E-03	1.3E-05	1.8E-06	1.5E-06	1.3E-06	1.3E-06	6.3E-08	5.8E-08	1.4E-06	5.1E-07	3.3E-06
514	UCART1	593847.59, 4123319.92	1.36E-02	2.16E-03	1.77E-03	1.75E-02	1.27E-04	1.42E-03	0.00E+00	6.30E-06	1.56E-03	9.0E-06	1.4E-06	1.2E-06	1.0E-06	8.5E-07	5.0E-08	4.5E-08	9.4E-07	4.0E-07	2.3E-06
515	UCART1	593887.59, 4123319.92	9.39E-03	1.76E-03	1.41E-03	1.26E-02	1.06E-04	1.13E-03	0.00E+00	4.38E-06	1.24E-03	6.2E-06	1.2E-06	9.3E-07	8.2E-07	5.9E-07	4.1E-08	3.5E-08	6.6E-07	3.2E-07	1.6E-06
516	UCART1	593927.59, 4123319.92	6.67E-03	1.47E-03	1.15E-03	9.29E-03	8.95E-05	9.21E-04	0.00E+00	3.10E-06	1.01E-03	4.4E-06	9.7E-07	7.6E-07	6.7E-07	4.2E-07	3.4E-08	2.9E-08	4.8E-07	2.6E-07	1.2E-06
517	UCART1	593967.59, 4123319.92	4.90E-03	1.25E-03	9.55E-04	7.10E-03	7.67E-05	7.59E-04	0.00E+00	2.27E-06	8.38E-04	3.2E-06	8.3E-07	6.3E-07	5.5E-07	3.1E-07	2.9E-08	2.4E-08	3.6E-07	2.2E-07	9.4E-07
518	UCART1	594007.59, 4123319.92	3.71E-03	1.07E-03	8.08E-04	5.59E-03	6.68E-05	6.37E-04	0.00E+00	1.73E-06	7.05E-04	2.5E-06	7.1E-07	5.3E-07	4.7E-07	2.3E-07	2.5E-08	2.0E-08	2.8E-07	1.8E-07	7.4E-07
519	UCART1	592567.59, 4123359.92	3.71E-04	5.83E-04	2.81E-04	1.24E-03	3.01E-05	1.31E-04	0.00E+00	2.18E-08	1.61E-04	2.5E-07	3.9E-07	1.9E-07	1.1E-07	2.3E-08	1.4E-08	7.1E-09	4.4E-08	4.2E-08	1.3E-07
520	UCART1	592607.59, 4123359.92	4.02E-04	6.43E-04	3.07E-04	1.35E-03	3.31E-05	1.42E-04	0.00E+00	2.33E-08	1.76E-04	2.7E-07	4.3E-07	2.0E-07	1.2E-07	2.5E-08	1.5E-08	7.7E-09	4.8E-08	4.6E-08	1.4E-07
521	UCART1	592647.59, 4123359.92	4.40E-04	7.15E-04	3.40E-04	1.49E-03	3.67E-05	1.55E-04	0.00E+00	2.57E-08	1.92E-04	2.9E-07	4.7E-07	2.2E-07	1.3E-07	2.7E-08	1.7E-08	8.6E-09	5.3E-08	5.0E-08	1.6E-07
522	UCART1	592687.59, 4123359.92	4.90E-04	8.01E-04	3.81E-04	1.67E-03	4.10E-05	1.70E-04	0.00E+00	2.80E-08	2.11E-04	3.2E-07	5.3E-07	2.5E-07	1.4E-07	3.1E-08	1.9E-08	9.6E-09	5.9E-08	5.5E-08	1.7E-07
523	UCART1	592727.59, 4123359.92	5.68E-04	9.09E-04	4.39E-04	1.92E-03	4.62E-05	1.87E-04	0.00E+00	3.03E-08	2.33E-04	3.8E-07	6.0E-07	2.9E-07	1.5E-07	3.5E-08	2.1E-08	1.1E-08	6.8E-08	6.1E-08	2.0E-07
524	UCART1	592767.59, 4123359.92	7.22E-04	1.05E-03	5.40E-04	2.31E-03	5.25E-05	2.07E-04	0.00E+00	3.35E-08	2.59E-04	4.8E-07	6.9E-07	3.6E-07	1.7E-07	4.5E-08	2.5E-08	1.4E-08	8.3E-08	6.7E-08	2.3E-07
525	UCART1	592807.59, 4123359.92	9.63E-04	1.22E-03	6.89E-04	2.87E-03	6.01E-05	2.29E-04	0.00E+00	3.66E-08	2.89E-04	6.4E-07	8.1E-07	4.6E-07	1.9E-07	6.0E-08	2.9E-08	1.7E-08	1.1E-07	7.5E-08	2.9E-07
526	UCART1	592847.59, 4123359.92	1.31E-03	1.45E-03	8.95E-04	3.65E-03	6.97E-05	2.56E-04	0.00E+00	3.97E-08	3.26E-04	8.6E-07	9.6E-07	5.9E-07	2.2E-07	8.1E-08	3.4E-08	2.3E-08	1.4E-07	8.5E-08	3.6E-07
527	UCART1	592887.59, 4123359.92	1.09E-03	1.67E-03	8.46E-04	3.61E-03	8.25E-05	2.91E-04	0.00E+00	4.43E-08	3.73E-04	7.2E-07	1.1E-06	5.6E-07	2.5E-07	6.8E-08	3.9E-08	2.1E-08	1.3E-07	9.7E-08	3.5E-07
528	UCART1	592927.59, 4123359.92	1.08E-03	2.02E-03	9.13E-04	4.02E-03	1.00E-04	3.34E-04	0.00E+00	4.98E-08	4.34E-04	7.2E-07	1.3E-06	6.0E-07	2.9E-07	6.7E-08	4.7E-08	2.3E-08	1.4E-07	1.1E-07	3.9E-07
529	UCART1	592967.59, 4123359.92	1.17E-03	2.52E-03	1.06E-03	4.74E-03	1.24E-04	3.88E-04	0.00E+00	5.60E-08	5.11E-04	7.8E-07	1.7E-06	7.0E-07	3.4E-07	7.3E-08	5.9E-08	2.7E-08	1.6E-07	1.3E-07	4.5E-07
530	UCART1	593007.59, 4123359.92	1.35E-03	3.26E-03	1.28E-03	5.89E-03	1.58E-04	4.57E-04	0.00E+00	6.38E-08	6.14E-04	8.9E-07	2.2E-06	8.5E-07	4.1E-07	8.4E-08	7.6E-08	3.2E-08	1.9E-07	1.6E-07	5.4E-07
531	UCART1	593047.59, 4123359.92	1.64E-03	4.41E-03	1.62E-03	7.68E-03	2.09E-04	5.47E-04	0.00E+00	7.23E-08	7.56E-04	1.1E-06	2.9E-06	1.1E-06	5.0E-07	1.0E-07	1.0E-07	4.1E-08	2.5E-07	2.0E-07	6.9E-07
532	UCART1	593087.59, 4123359.92	2.04E-03	6.35E-03	2.12E-03	1.05E-02	2.91E-04	6.69E-04	0.00E+00	8.40E-08	9.60E-04	1.4E-06	4.2E-06	1.4E-06	6.4E-07	1.3E-07	1.5E-07	5.3E-08	3.3E-07	2.5E-07	9.1E-07
533	UCART1	593127.59, 4123359.92	2.60E-03	9.83E-03	2.89E-03	1.53E-02	4.31E-04	8.40E-04	0.00E+00	9.72E-08	1.27E-03	1.7E-06	6.5E-06	1.9E-06	8.4E-07	1.6E-07	2.3E-07	7.3E-08	4.6E-07	3.3E-07	1.3E-06
534	UCART1	593167.59, 4123359.92	2.80E-03	1.65E-02	3.84E-03	2.32E-02	6.90E-04	1.08E-03	0.00E+00	1.14E-07	1.77E-03	1.9E-06	1.1E-05	2.5E-06	1.2E-06	1.7E-07	3.9E-07	9.6E-08	6.6E-07	4.6E-07	1.8E-06
535	UCART1	593207.59, 4123359.92	3.46E-03	3.09E-02	5.70E-03	4.01E-02	1.22E-03	1.44E-03	0.00E+00	1.35E-07	2.66E-03	2.3E-06	2.0E-05	3.8E-06	1.8E-06	2.2E-07	7.2E-07	1.4E-07	1.1E-06	6.9E-07	2.9E-06
536	UCART1	593247.59, 4123359.92	4.68E-03	6.68E-02	9.34E-03	8.09E-02	2.50E-03	2.00E-03	0.00E+00	1.63E-07	4.49E-03	3.1E-06	4.4E-05	6.2E-06	3.0E-06	2.9E-07	1.6E-06	2.4E-07	2.1E-06	1.2E-06	5.3E-06
537	UCART1	593287.59, 4123359.92	7.09E-03	1.41E-01	1.71E-02	1.65E-01	7.34E-03	2.92E-03	0.00E+00	1.99E-07	1.03E-02	4.7E-06	9.3E-05	1.1E-05	6.8E-06	4.4E-07	3.3E-06	4.3E-07	4.2E-06	2.7E-06	1.1E-05
538	UCART1	593327.59, 4123359.92	1.29E-02	2.14E-01	3.40E-02	2.61E-01	8.61E-03	4.34E-03	0.00E+00	2.48E-07	1.30E-02	8.5E-06	1.4E-04	2.3E-05	8.6E-06	8.1E-07	5.0E-06	8.6E-07	6.7E-06	3.4E-06	1.7E-05

539	UCART1	593367.59, 4123359.92	2.22E-02	2.34E-01	5.87E-02	3.15E-01	7.25E-03	6.04E-03	0.00E+00	3.17E-07	1.33E-02	1.5E-05	1.5E-04	3.9E-05	8.8E-06	1.4E-06	5.5E-06	1.5E-06	8.3E-06	3.5E-06	2.0E-05
540	UCART1	593407.59, 4123359.92	4.51E-02	9.47E-02	7.14E-02	2.11E-01	4.68E-03	8.61E-03	0.00E+00	4.09E-07	1.33E-02	3.0E-05	6.3E-05	4.7E-05	8.8E-06	2.8E-06	2.2E-06	1.8E-06	6.8E-06	3.5E-06	1.7E-05
541	UCART1	593447.59, 4123359.92	6.13E-02	5.32E-02	8.20E-02	1.96E-01	2.67E-03	1.49E-02	0.00E+00	5.27E-07	1.76E-02	4.1E-05	3.5E-05	5.4E-05	1.2E-05	3.8E-06	1.2E-06	2.1E-06	7.1E-06	4.6E-06	1.9E-05
542	UCART1	593487.59, 4123359.92	8.61E-02	3.28E-02	7.47E-02	1.94E-01	1.63E-03	1.84E-02	0.00E+00	6.93E-07	2.00E-02	5.7E-05	2.2E-05	4.9E-05	1.3E-05	5.4E-06	7.7E-07	1.9E-06	8.0E-06	5.2E-06	2.1E-05
543	UCART1	593527.59, 4123359.92	1.07E-01	2.08E-02	4.09E-02	1.68E-01	1.02E-03	1.54E-02	0.00E+00	1.01E-06	1.64E-02	7.1E-05	1.4E-05	2.7E-05	1.1E-05	6.7E-06	4.9E-07	1.0E-06	8.2E-06	4.3E-06	2.1E-05
544	UCART1	593567.59, 4123359.92	1.05E-01	1.36E-02	1.99E-02	1.39E-01	6.64E-04	1.09E-02	0.00E+00	1.40E-06	1.16E-02	7.0E-05	9.0E-06	1.3E-05	7.7E-06	6.6E-06	3.2E-07	5.0E-07	7.4E-06	3.0E-06	1.8E-05
545	UCART1	593607.59, 4123359.92	1.01E-01	9.10E-03	1.02E-02	1.21E-01	4.56E-04	7.42E-03	0.00E+00	4.08E-06	7.88E-03	6.7E-05	6.0E-06	6.7E-06	5.2E-06	6.3E-06	2.1E-07	2.6E-07	6.8E-06	2.0E-06	1.6E-05
546	UCART1	593647.59, 4123359.92	9.33E-02	6.36E-03	6.28E-03	1.06E-01	3.28E-04	5.06E-03	0.00E+00	1.60E-05	5.41E-03	6.2E-05	4.2E-06	4.2E-06	3.6E-06	5.8E-06	1.5E-07	1.6E-07	6.1E-06	1.4E-06	1.4E-05
547	UCART1	593687.59, 4123359.92	7.25E-02	4.61E-03	4.25E-03	8.14E-02	2.46E-04	3.54E-03	0.00E+00	2.67E-05	3.81E-03	4.8E-05	3.1E-06	2.8E-06	2.5E-06	4.5E-06	1.1E-07	1.1E-07	4.7E-06	9.9E-07	1.0E-05
548	UCART1	593727.59, 4123359.92	5.49E-02	3.49E-03	3.15E-03	6.15E-02	1.91E-04	2.56E-03	0.00E+00	2.28E-05	2.77E-03	3.6E-05	2.3E-06	2.1E-06	1.8E-06	3.4E-06	8.2E-08	7.9E-08	3.6E-06	7.2E-07	7.9E-06
549	UCART1	593767.59, 4123359.92	3.12E-02	2.69E-03	2.29E-03	3.62E-02	1.52E-04	1.90E-03	0.00E+00	9.44E-06	2.06E-03	2.1E-05	1.8E-06	1.5E-06	1.4E-06	1.9E-06	6.3E-08	5.8E-08	2.1E-06	5.4E-07	4.7E-06
550	UCART1	593807.59, 4123359.92	1.78E-02	2.15E-03	1.76E-03	2.17E-02	1.24E-04	1.45E-03	0.00E+00	5.96E-06	1.58E-03	1.2E-05	1.4E-06	1.2E-06	1.0E-06	1.1E-06	5.0E-08	4.4E-08	1.2E-06	4.1E-07	2.8E-06
551	UCART1	593847.59, 4123359.92	1.09E-02	1.75E-03	1.40E-03	1.41E-02	1.03E-04	1.14E-03	0.00E+00	3.83E-06	1.25E-03	7.2E-06	1.2E-06	9.3E-07	8.2E-07	6.8E-07	4.1E-08	3.5E-08	7.6E-07	3.2E-07	1.8E-06
552	UCART1	593887.59, 4123359.92	7.25E-03	1.46E-03	1.14E-03	9.85E-03	8.74E-05	9.14E-04	0.00E+00	2.73E-06	1.00E-03	4.8E-06	9.7E-07	7.6E-07	6.6E-07	4.5E-07	3.4E-08	2.9E-08	5.2E-07	2.6E-07	1.3E-06
553	UCART1	593927.59, 4123359.92	5.10E-03	1.24E-03	9.52E-04	7.30E-03	7.50E-05	7.47E-04	0.00E+00	2.01E-06	8.24E-04	3.4E-06	8.2E-07	6.3E-07	5.5E-07	3.2E-07	2.9E-08	2.4E-08	3.7E-07	2.1E-07	9.6E-07
554	UCART1	593967.59, 4123359.92	3.77E-03	1.07E-03	8.06E-04	5.64E-03	6.51E-05	6.21E-04	0.00E+00	1.52E-06	6.88E-04	2.5E-06	7.1E-07	5.3E-07	4.6E-07	2.4E-07	2.5E-08	2.0E-08	2.8E-07	1.8E-07	7.4E-07
555	UCART1	594007.59, 4123359.92	2.89E-03	9.35E-04	6.92E-04	4.52E-03	5.71E-05	5.24E-04	0.00E+00	1.15E-06	5.83E-04	1.9E-06	6.2E-07	4.6E-07	3.9E-07	1.8E-07	2.2E-08	1.7E-08	2.2E-07	1.5E-07	5.9E-07
556	UCART1	592567.59, 4123399.92	3.93E-04	6.20E-04	3.00E-04	1.31E-03	3.22E-05	1.38E-04	0.00E+00	2.41E-08	1.71E-04	2.6E-07	4.1E-07	2.0E-07	1.1E-07	2.5E-08	1.5E-08	7.5E-09	4.7E-08	4.4E-08	1.4E-07
557	UCART1	592607.59, 4123399.92	4.27E-04	6.87E-04	3.31E-04	1.44E-03	3.57E-05	1.51E-04	0.00E+00	2.57E-08	1.86E-04	2.8E-07	4.5E-07	2.2E-07	1.2E-07	2.7E-08	1.6E-08	8.3E-09	5.1E-08	4.8E-08	1.5E-07
558	UCART1	592647.59, 4123399.92	4.71E-04	7.67E-04	3.68E-04	1.61E-03	3.99E-05	1.65E-04	0.00E+00	2.80E-08	2.04E-04	3.1E-07	5.1E-07	2.4E-07	1.4E-07	2.9E-08	1.8E-08	9.3E-09	5.7E-08	5.3E-08	1.7E-07
559	UCART1	592687.59, 4123399.92	5.29E-04	8.64E-04	4.16E-04	1.81E-03	4.49E-05	1.81E-04	0.00E+00	3.03E-08	2.26E-04	3.5E-07	5.7E-07	2.8E-07	1.5E-07	3.3E-08	2.0E-08	1.0E-08	6.4E-08	5.9E-08	1.9E-07
560	UCART1	592727.59, 4123399.92	6.09E-04	9.88E-04	4.80E-04	2.08E-03	5.10E-05	2.00E-04	0.00E+00	3.35E-08	2.51E-04	4.0E-07	6.5E-07	3.2E-07	1.7E-07	3.8E-08	2.3E-08	1.2E-08	7.3E-08	6.5E-08	2.1E-07
561	UCART1	592767.59, 4123399.92	7.32E-04	1.14E-03	5.72E-04	2.45E-03	5.86E-05	2.22E-04	0.00E+00	3.73E-08	2.81E-04	4.8E-07	7.6E-07	3.8E-07	1.9E-07	4.6E-08	2.7E-08	1.4E-08	8.7E-08	7.3E-08	2.5E-07
562	UCART1	592807.59, 4123399.92	9.64E-04	1.35E-03	7.24E-04	3.04E-03	6.80E-05	2.49E-04	0.00E+00	4.05E-08	3.17E-04	6.4E-07	8.9E-07	4.8E-07	2.1E-07	6.0E-08	3.2E-08	1.8E-08	1.1E-07	8.2E-08	3.0E-07
563	UCART1	592847.59, 4123399.92	1.02E-03	1.58E-03	8.03E-04	3.40E-03	7.97E-05	2.80E-04	0.00E+00	4.43E-08	3.59E-04	6.7E-07	1.0E-06	5.3E-07	2.4E-07	6.4E-08	3.7E-08	2.0E-08	1.2E-07	9.3E-08	3.3E-07
564	UCART1	592887.59, 4123399.92	1.34E-03	1.93E-03	1.03E-03	4.30E-03	9.57E-05	3.19E-04	0.00E+00	4.98E-08	4.15E-04	8.9E-07	1.3E-06	6.8E-07	2.7E-07	8.4E-08	4.5E-08	2.6E-08	1.5E-07	1.1E-07	4.2E-07
565	UCART1	592927.59, 4123399.92	1.28E-03	2.37E-03	1.09E-03	4.74E-03	1.18E-04	3.69E-04	0.00E+00	5.60E-08	4.87E-04	8.4E-07	1.6E-06	7.2E-07	3.2E-07	8.0E-08	5.6E-08	2.7E-08	1.6E-07	1.3E-07	4.5E-07
566	UCART1	592967.59, 4123399.92	1.40E-03	3.05E-03	1.29E-03	5.74E-03	1.49E-04	4.34E-04	0.00E+00	6.38E-08	5.82E-04	9.3E-07	2.0E-06	8.5E-07	3.9E-07	8.8E-08	7.1E-08	3.2E-08	1.9E-07	1.5E-07	5.3E-07
567	UCART1	593007.59, 4123399.92	1.63E-03	4.06E-03	1.59E-03	7.29E-03	1.93E-04	5.17E-04	0.00E+00	7.23E-08	7.10E-04	1.1E-06	2.7E-06	1.0E-06	4.7E-07	1.0E-07	9.5E-08	4.0E-08	2.4E-07	1.8E-07	6.6E-07
568	UCART1	593047.59, 4123399.92	1.99E-03	5.66E-03	2.03E-03	9.68E-03	2.60E-04	6.27E-04	0.00E+00	8.25E-08	8.88E-04	1.3E-06	3.7E-06	1.3E-06	5.9E-07	1.2E-07	1.3E-07	5.1E-08	3.1E-07	2.3E-07	8.5E-07
569	UCART1	593087.59, 4123399.92	2.30E-03	8.30E-03	2.61E-03	1.32E-02	3.67E-04	7.84E-04	0.00E+00	9.49E-08	1.15E-03	1.5E-06	5.5E-06	1.7E-06	7.6E-07	1.4E-07	1.9E-07	6.6E-08	4.0E-07	3.0E-07	1.1E-06
570	UCART1	593127.59, 4123399.92	2.77E-03	1.27E-02	3.50E-03	1.90E-02	5.42E-04	1.01E-03	0.00E+00	1.10E-07	1.55E-03	1.8E-06	8.4E-06	2.3E-06	1.0E-06	1.7E-07	3.0E-07	8.8E-08	5.6E-07	4.0E-07	1.5E-06
571	UCART1	593167.59, 4123399.92	3.23E-03	2.07E-02	4.79E-03	2.87E-02	8.51E-04	1.35E-03	0.00E+00	1.31E-07	2.20E-03	2.1E-06	1.4E-05	3.2E-06	1.5E-06	2.0E-07	4.8E-07	1.2E-07	8.1E-07	5.7E-07	2.2E-06
572	UCART1	593207.59, 4123399.92	4.27E-03	3.56E-02	7.02E-03	4.68E-02	1.43E-03	1.89E-03	0.00E+00	1.55E-07	3.32E-03	2.8E-06	2.4E-05	4.6E-06	2.2E-06	2.7E-07	8.3E-07	1.8E-07	1.3E-06	8.6E-07	3.4E-06
573	UCART1	593247.59, 4123399.92	6.25E-03	7.04E-02	1.07E-02	8.74E-02	2.77E-03	2.83E-03	0.00E+00	1.86E-07	5.60E-03	4.1E-06	4.7E-05	7.1E-06	3.7E-06	3.9E-07	1.6E-06	2.7E-07	2.3E-06	1.5E-06	6.1E-06
574	UCART1	593287.59, 4123399.92	1.06E-02	1.39E-01	1.64E-02	1.66E-01	7.82E-03	4.66E-03	0.00E+00	2.26E-07	1.25E-02	7.0E-06	9.2E-05	1.1E-05	8.3E-06	6.6E-07	3.3E-06	4.1E-07	4.3E-06	3.2E-06	1.2E-05
575	UCART1	593327.59, 4123399.92	2.31E-02	2.33E-01	2.41E-02	2.81E-01	8.78E-03	8.59E-03	0.00E+00	2.79E-07	1.74E-02	1.5E-05	1.5E-04	1.6E-05	1.1E-05	1.4E-06	5.5E-06	6.1E-07	7.5E-06	4.5E-06	2.0E-05
576	UCART1	593367.59, 4123399.92	4.52E-02	1.57E-01	3.14E-02	2.33E-01	9.77E-03	1.61E-02	0.00E+00	3.50E-07	2.59E-02	3.0E-05	1.0E-04	2.1E-05	1.7E-05	2.8E-06	3.7E-06	7.9E-07	7.3E-06	6.7E-06	2.1E-05
577	UCART1	593407.59, 4123399.92	7.57E-02	8.99E-02	3.45E-02	2.00E-01	4.90E-03	3.30E-02	0.00E+00	4.58E-07	3.79E-02	5.0E-05	5.9E-05	2.3E-05	2.5E-05	4.7E-06	2.1E-06	8.7E-07	7.7E-06	9.8E-06	2.5E-05
578	UCART1	593447.59, 4123399.92	9.60E-02	4.69E-02	3.25E-02	1.75E-01	2.27E-03	4.94E-02	0.00E+00	6.04E-07	5.17E-02	6.3E-05	3.1E-05	2.2E-05	3.4E-05	6.0E-06	1.1E-06	8.2E-07	7.9E-06	1.3E-05	2.9E-05
579	UCART1	593487.59, 4123399.92	1.17E-01	2.62E-02	2.58E-02	1.69E-01	1.19E-03	3.19E-02	0.00E+00	9.55E-07	3.31E-02	7.7E-05	1.7E-05	1.7E-05	2.2E-05	7.3E-06	6.1E-07	6.5E-07	8.6E-06	8.6E-06	2.6E-05
580	UCART1	593527.59, 4123399.92	1.25E-01	1.55E-02	1.68E-02	1.57E-01	7.10E-04	1.72E-02	0.00E+00	1.15E-06	1.79E-02	8.3E-05	1.0E-05	1.1E-05	1.2E-05	7.8E-06	3.6E-07	4.2E-07	8.6E-06	4.7E-06	2.2E-05
581	UCART1	593567.59, 4123399.92	1.10E-01	9.73E-03	1.00E-02	1.30E-01	4.66E-04	9.66E-03	0.00E+00	1.54E-06	1.01E-02	7.3E-05	6.4E-06	6.6E-06	6.7E-06	6.9E-06	2.3E-07	2.5E-07	7.3E-06	2.6E-06	1.7E-05
582	UCART1	593607.59, 4123399.92	1.03E-01	6.54E-03	6.38E-03	1.16E-01	3.27E-04	5.84E-03	0.00E+00	2.20E-06	6.17E-03	6.8E-05	4.3E-06	4.2E-06	4.1E-06	6.4E-06	1.5E-07	1.6E-07	6.8E-06	1.6E-06	1.5E-05
583	UCART1	593647.59, 4123399.92	1.10E-01	4.66E-03	4.38E-03	1.19E-01	2.42E-04	3.79E-03	0.00E+00	1.26E-05	4.05E-03	7.3E-05	3.1E-06	2.9E-06	2.7E-06	6.9E-06	1.1E-07	1.1E-07	7.1E-06	1.1E-06	1.5E-05
584	UCART1	593687.59, 4123399.92	8.75E-02	3.49E-03	3.20E-03	9.41E-02	1.87E-04	2.61E-03	0.00E+00	1.58E-05	2.81E-03	5.8E-05	2.3E-06	2.1E-06	1.9E-06	5.5E-06	8.2E-08	8.0E-08	5.6E-06	7.3E-07	1.2E-05
585	UCART1	593727.59, 4123399.92	5.87E-02	2.71E-03	2.40E-03	6.39E-02	1.49E-04	1.89E-03	0.00E+00	1.07E-05	2.05E-03	3.9E-05	1.8E-06	1.6E-06	1.4E-06	3.7E-06	6.3E-08	6.0E-08	3.8E-06	5.3E-07	8.1E-06
586	UCART1	593767.59, 4123399.92	2.31E-02	2.15E-03	1.82E-03	2.71E-02	1.21E-04	1.42E-03	0.00E+00	3.67E-06	1.54E-03	1.5E-05	1.4E-06	1.2E-06	1.0E-06	1.4E-06	5.0E-08	4.6E-08	1.5E-06	4.0E-07	3.5E-06
587	UCART1	593807.59, 4123399.92	1.20E-02	1.76E-03	1.44E-03	1.52E-02	1.01E-04	1.10E-03	0.00E+00	2.66E-06	1.20E-03	8.0E-06	1.2E-06	9.5E-07	8.0E-07	7.5E-07	4.1E-08	3.6E-08	8.3E-07	3.1E-07	2.0E-06
588	UCART1	593847.59, 4123399.92	7.44E-03	1.47E-03	1.17E-03	1.01E-02	8.54E-05	8.77E-04	0.00E+00	1.93E-06	9.64E-04	4.9E-06	9.7E-07	7.8E-07	6.4E-07	4.6E-07	3.4E-08	2.9E-08	5.3E-07	2.5E-07	1.3E-06
589	UCART1	593887.59, 4123399.92	5.09E-03	1.25E-03	9.72E-04	7.31E-03	7.32E-05	7.15E-04	0.00E+00	1.49E-06	7.89E-04	3.4E-06	8.3E-07	6.4E-07	5.2E-07	3.2E-07	2.9E-08	2.4E-08	3.7E-07	2.1E-07	9.5E-07
590	UCART1	593927.59, 4123399.92	3.71E-03	1.08E-03	8.21E-04	5.61E-03	6.36E-05	5.93E-04	0.00E+00	1.16E-06	6.58E-04	2.5E-06	7.1E-07	5.4E-07	4.4E-07	2.3E-07	2.5E-08	2.1E-08	2.8E-07	1.7E-07	7.3E-07
591	UCART1	593967.59, 4123399.92	2.83E-03	9.43E-04	7.03E-04	4.48E-03	5.58E-05	5.01E-04	0.00E+00	9.21E-07	5.58E-04	1.9E-06	6.2E-07	4.7E-07	3.7E-07	1.8E-07	2.2E-08	1.8E-08	2.2E-07	1.4E-07	5.8E-07
592	UCART1	594007.59, 4123399.92	2.24E-03	8.33E-04	6.10E-04	3.68E-03	4.95E-05	4.29E-04	0.00E+00	7.44E-07	4.80E-04	1.5E-06	5.5E-07	4.0E-07	3.2E-07	1.4E-07	1.9E-08	1.5E-08	1.7E-07	1.2E-07	4.7E-07
593	UCART1	592567.59, 4123439.92	4.16E-04	6.62E-04	3.24E-04	1.40E-03	3.49E-05	1.46E-04	0.00E+00	2.64E-08	1.81E-04	2.8E-07	4.4E-07	2.1E-07	1.2E-07	2.6E-08	1.5E-08	8.1E-09	5.0E-08	4.7E-08	1.5E-07
594	UCART1	592607.59, 4123439.92	4.55E-04	7.37E-04	3.59E-04	1.55E-03	3.89E-05	1.59E-04	0.00E+00	2.88E-08	1.98E-04	3.0E-07	4.9E-07	2.4E-07	1.3E-07	2.8E-08	1.7E-08	9.0E-09	5.5E-08	5.2E-08	1.6E-07
595	UCART1	592647.59, 4123439.92	5.03E-04	8.30E-04	4.03E-04	1.74E-03	4.38E-05	1.75E-04	0.00E+00	3.11E-08	2.19E-04	3.3E-07	5.5E-07	2.7E-07	1.4E-07	3.1E-08	1.9E-08	1.0E-08	6.1E-08	5.7E-08	1.8E-07
596	UCART1	592687.59, 4123439.92	5.64E-04	9.44E-04	4.57E-04	1.96E-03	4.97E-05	1.93E-04	0.00E+00	3.42E-08	2.43E-04	3.7E-07	6.2E-07	3.0E-07	1.6E-07	3.5E-08	2.2E-08	1.1E-08	6.9E-08	6.3E-08	2.0E-07
597	UCART1	592727.59, 4123439.92	6.44E-04	1.09E-03	5.27E-04	2.26E-03	5.71E-05	2.14E-04	0.00E+00	3.73E-08	2.72E-04	4.3E-07	7.2E-07	3.5E-07	1.8E-07	4.0E-08	2.5E-08	1.3E-08	7.9E-08	7.1E-08	2.3E-07
598	UCART1	592767.59, 4123439.92	7.52E-04	1.28E-03	6.20E-04	2.65E-03	6.63E-05	2.40E-04	0.00E+00	4.12E-08	3.06E-04	5.0E-07	8.4E-07	4.1E-07	2.0E-07	4.7E-08	3.0E-08	1.6E-08	9.2E-08	8.0E-08	2.6E-07
599	UCART1	592807.59, 4123439.92	9.18E-04	1.52E-03	7.52E-04	3.19E-03	7.80E-05	2.70E-04	0.00E+00	4.59E-08	3.48E-04	6.1E-07	1.0E-06	5.0E-07	2.3E-07	5.7E-08	3.6E-08	1.9E-08	1.1E-07	9.1E-08	3.1E-07
600	UCART1	592847.59, 4123439.92	1.28E-03	1.86E-03	9.96E-04	4.14E-03	9.26E-05	3.06E-04	0.00E+00	5.06E-08	3.99E-04	8.5E-07	1.2E-06	6.6E-07	2.6E-07	8.0E-08	4.3E-08	2.5E-08	1.5E-07	1.0E-07	4.0E-07
601	UCART1	592887.59, 4123439.92	1.43E-03	2.28E-03	1.16E-03	4.87E-03	1.12E-04	3.51E-04	0.00E+00	5.68E-08	4.63E-04	9.5E-07	1.5E-06	7.7E-07	3.1E-07	8.9E-08	5.3E-08	2.9E-08	1.7E-07	1.2E-07	4.6E-07
602	UCART1	592927.59, 4123439.92	1.75E-03	2.91E-03	1.44E-03	6.10E-03	1.40E-04	4.10E-04	0.00E+00	6.46E-08	5.50E-04	1.2E-06	1.9E-06	9.5E-07	3.6E-07	1.1E-07	6.8E-08	3.6E-08	2.1E-07	1.4E-07	5.7E-07
603	UCART1	592967.59, 4123439.92	1.97E-03	3.80E-03	1.71E-03	7.48E-03	1.78E-04	4.86E-04	0.00E+00	7.31E-08	6.65E-04	1.3E-06	2.5E-06	1.1E-06	4.4E-07	1.2E-07	8.9E-08	4.3E-08	2.5E-07	1.7E-07	6.8E-07
604	UCART1	593007.59, 4123439.92	2.18E-03	5.09E-03	2.05E-03	9.33E-03	2.33E-04	5.87E-04	0.00E+00	8.40E-08	8.20E-04	1.4E-06	3.4E-06	1.4E-06	5.4E-07	1.4E-07	1.2E-07	5.2E-08	3.1E-07	2.1E-07	8.3E-07
605	UCART1	593047.59, 4123439.92	2.66E-03	7.07E-03	2.62E-03	1.24E-02	3.14E-04	7.25E-04	0.00E+00	9.65E-08	1.04E-03	1.8E-06	4.7E-06	1.7E-06	6.9E-07	1.7E-07	1.7E-07	6.6E-08	4.0E-07	2.7E-07	1.1E-06
606	UCART1	593087.59, 4123439.92	2.97E-03	1.01E-02	3.25E-03	1.63E-02	4.35E-04	9.20E-04	0.00E+00	1.12E-07	1.36E-03	2.0E-06	6.7E-06	2.2E-06	9.0E-07	1.9E-07	2.4E-07	8.2E-08	5.0E-07	3.5E-07	1.4E-06
607	UCART1	593127.59, 4123439.92	3.02E-03	1.46E-02	3.98E-03	2.16E-02	6.23E-04	1.20E-03	0.00E+00	1.31E-07	1.83E-03	2.0E-06	9.7E-06	2.6E-06	1.2E-06	1.9E-07	3.4E-07	1.0E-07	6.3E-07	4.8E-07	1.7E-06

608	UCART1	593167.59, 4123439.92	3.87E-03	2.24E-02	5.32E-03	3.16E-02	9.41E-04	1.68E-03	0.00E+00	1.55E-07	2.62E-03	2.6E-06	1.5E-05	3.5E-06	1.7E-06	2.4E-07	5.2E-07	1.3E-07	9.0E-07	6.8E-07	2.5E-06
609	UCART1	593207.59, 4123439.92	5.42E-03	3.61E-02	7.23E-03	4.88E-02	1.51E-03	2.47E-03	0.00E+00	1.85E-07	3.98E-03	3.6E-06	2.4E-05	4.8E-06	2.6E-06	3.4E-07	8.4E-07	1.8E-07	1.4E-06	1.0E-06	3.8E-06
610	UCART1	593247.59, 4123439.92	8.31E-03	6.79E-02	9.71E-03	8.60E-02	2.79E-03	3.99E-03	0.00E+00	2.24E-07	6.77E-03	5.5E-06	4.5E-05	6.4E-06	4.5E-06	5.2E-07	1.6E-06	2.4E-07	2.4E-06	1.8E-06	6.5E-06
611	UCART1	593287.59, 4123439.92	1.43E-02	1.63E-01	1.25E-02	1.90E-01	8.02E-03	7.47E-03	0.00E+00	2.73E-07	1.55E-02	9.5E-06	1.1E-04	8.3E-06	1.0E-05	8.9E-07	3.8E-06	3.1E-07	5.0E-06	4.0E-06	1.4E-05
612	UCART1	593327.59, 4123439.92	2.99E-02	2.12E-01	1.50E-02	2.57E-01	1.11E-02	1.87E-02	0.00E+00	3.54E-07	2.97E-02	2.0E-05	1.4E-04	9.9E-06	2.0E-05	1.9E-06	5.0E-06	3.8E-07	7.2E-06	7.7E-06	2.2E-05
613	UCART1	593367.59, 4123439.92	5.42E-02	1.41E-01	1.65E-02	2.12E-01	1.29E-02	8.19E-02	0.00E+00	4.53E-07	9.48E-02	3.6E-05	9.4E-05	1.1E-05	6.3E-05	3.4E-06	3.3E-06	4.2E-07	7.1E-06	2.5E-05	3.9E-05
614	UCART1	593407.59, 4123439.92	8.93E-02	7.54E-02	1.62E-02	1.81E-01	2.95E-03	2.75E-01	0.00E+00	5.90E-07	2.78E-01	5.9E-05	5.0E-05	1.1E-05	1.8E-04	5.6E-06	1.8E-06	4.1E-07	7.7E-06	7.2E-05	8.8E-05
615	UCART1	593447.59, 4123439.92	1.05E-01	3.29E-02	1.44E-02	1.52E-01	1.24E-03	6.95E-02	0.00E+00	7.78E-07	7.07E-02	6.9E-05	2.2E-05	9.5E-06	4.7E-05	6.5E-06	7.7E-07	3.6E-07	7.7E-06	1.8E-05	3.4E-05
616	UCART1	593487.59, 4123439.92	1.09E-01	1.70E-02	1.16E-02	1.37E-01	6.94E-04	2.29E-02	0.00E+00	1.03E-06	2.36E-02	7.2E-05	1.1E-05	7.7E-06	1.6E-05	6.8E-06	4.0E-07	2.9E-07	7.5E-06	6.1E-06	2.1E-05
617	UCART1	593527.59, 4123439.92	1.04E-01	1.01E-02	8.58E-03	1.23E-01	4.50E-04	1.04E-02	0.00E+00	1.21E-06	1.09E-02	6.9E-05	6.7E-06	5.7E-06	7.2E-06	6.5E-06	2.4E-07	2.2E-07	6.9E-06	2.8E-06	1.7E-05
618	UCART1	593567.59, 4123439.92	9.91E-02	6.71E-03	6.07E-03	1.12E-01	3.17E-04	5.77E-03	0.00E+00	1.50E-06	6.09E-03	6.6E-05	4.4E-06	4.0E-06	4.0E-06	6.2E-06	1.6E-07	1.5E-07	6.5E-06	1.6E-06	1.5E-05
619	UCART1	593607.59, 4123439.92	8.43E-02	4.77E-03	4.38E-03	9.35E-02	2.35E-04	3.60E-03	0.00E+00	1.33E-06	3.83E-03	5.6E-05	3.2E-06	2.9E-06	2.5E-06	5.3E-06	1.1E-07	1.1E-07	5.5E-06	1.0E-06	1.2E-05
620	UCART1	593647.59, 4123439.92	7.44E-02	3.56E-03	3.24E-03	8.12E-02	1.82E-04	2.43E-03	0.00E+00	2.44E-06	2.62E-03	4.9E-05	2.4E-06	2.1E-06	1.7E-06	4.6E-06	8.3E-08	8.2E-08	4.8E-06	6.8E-07	1.0E-05
621	UCART1	593687.59, 4123439.92	4.80E-02	2.76E-03	2.47E-03	5.33E-02	1.45E-04	1.75E-03	0.00E+00	1.57E-06	1.90E-03	3.2E-05	1.8E-06	1.6E-06	1.3E-06	3.0E-06	6.5E-08	6.2E-08	3.1E-06	4.9E-07	6.7E-06
622	UCART1	593727.59, 4123439.92	2.28E-02	2.21E-03	1.91E-03	2.69E-02	1.19E-04	1.32E-03	0.00E+00	1.58E-06	1.44E-03	1.5E-05	1.5E-06	1.3E-06	9.5E-07	1.4E-06	5.2E-08	4.8E-08	1.5E-06	3.7E-07	3.4E-06
623	UCART1	593767.59, 4123439.92	1.15E-02	1.80E-03	1.52E-03	1.48E-02	9.91E-05	1.03E-03	0.00E+00	1.31E-06	1.13E-03	7.6E-06	1.2E-06	1.0E-06	7.5E-07	7.2E-07	4.2E-08	3.8E-08	8.0E-07	2.9E-07	1.9E-06
624	UCART1	593807.59, 4123439.92	7.15E-03	1.51E-03	1.23E-03	9.89E-03	8.41E-05	8.24E-04	0.00E+00	1.13E-06	9.10E-04	4.7E-06	1.0E-06	8.2E-07	6.0E-07	4.5E-07	3.5E-08	3.1E-08	5.1E-07	2.4E-07	1.3E-06
625	UCART1	593847.59, 4123439.92	4.94E-03	1.28E-03	1.02E-03	7.24E-03	7.25E-05	6.78E-04	0.00E+00	9.65E-07	7.51E-04	3.3E-06	8.5E-07	6.8E-07	5.0E-07	3.1E-07	3.0E-08	2.6E-08	3.6E-07	2.0E-07	9.2E-07
626	UCART1	593887.59, 4123439.92	3.64E-03	1.11E-03	8.59E-04	5.60E-03	6.34E-05	5.68E-04	0.00E+00	8.22E-07	6.32E-04	2.4E-06	7.3E-07	5.7E-07	4.2E-07	2.3E-07	2.6E-08	2.2E-08	2.7E-07	1.6E-07	7.1E-07
627	UCART1	593927.59, 4123439.92	2.80E-03	9.67E-04	7.34E-04	4.50E-03	5.60E-05	4.84E-04	0.00E+00	6.97E-07	5.41E-04	1.9E-06	6.4E-07	4.9E-07	3.6E-07	1.7E-07	2.3E-08	1.8E-08	2.2E-07	1.4E-07	5.7E-07
628	UCART1	593967.59, 4123439.92	2.22E-03	8.54E-04	6.36E-04	3.71E-03	4.98E-05	4.18E-04	0.00E+00	5.88E-07	4.68E-04	1.5E-06	5.7E-07	4.2E-07	3.1E-07	1.4E-07	2.0E-08	1.6E-08	1.7E-07	1.2E-07	4.7E-07
629	UCART1	594007.59, 4123439.92	1.81E-03	7.62E-04	5.56E-04	3.13E-03	4.47E-05	3.65E-04	0.00E+00	4.97E-07	4.10E-04	1.2E-06	5.0E-07	3.7E-07	2.7E-07	1.1E-07	1.8E-08	1.4E-08	1.4E-07	1.1E-07	4.0E-07
630	UCART1	592567.59, 4123479.92	4.42E-04	7.16E-04	3.52E-04	1.51E-03	3.83E-05	1.55E-04	0.00E+00	2.88E-08	1.94E-04	2.9E-07	4.7E-07	2.3E-07	1.3E-07	2.8E-08	1.7E-08	8.9E-09	5.3E-08	5.0E-08	1.6E-07
631	UCART1	592607.59, 4123479.92	4.84E-04	8.03E-04	3.93E-04	1.68E-03	4.30E-05	1.70E-04	0.00E+00	3.11E-08	2.13E-04	3.2E-07	5.3E-07	2.6E-07	1.4E-07	3.0E-08	1.9E-08	9.9E-09	5.9E-08	5.5E-08	1.7E-07
632	UCART1	592647.59, 4123479.92	5.37E-04	9.13E-04	4.44E-04	1.89E-03	4.88E-05	1.87E-04	0.00E+00	3.50E-08	2.36E-04	3.6E-07	6.0E-07	2.9E-07	1.6E-07	3.4E-08	2.1E-08	1.1E-08	6.6E-08	6.1E-08	1.9E-07
633	UCART1	592687.59, 4123479.92	6.02E-04	1.05E-03	5.07E-04	2.16E-03	5.58E-05	2.07E-04	0.00E+00	3.81E-08	2.63E-04	4.0E-07	7.0E-07	3.4E-07	1.7E-07	3.8E-08	2.5E-08	1.3E-08	7.5E-08	6.8E-08	2.2E-07
634	UCART1	592727.59, 4123479.92	6.83E-04	1.23E-03	5.85E-04	2.50E-03	6.46E-05	2.31E-04	0.00E+00	4.20E-08	2.96E-04	4.5E-07	8.1E-07	3.9E-07	2.0E-07	4.3E-08	2.9E-08	1.5E-08	8.6E-08	7.7E-08	2.5E-07
635	UCART1	592767.59, 4123479.92	7.89E-04	1.46E-03	6.87E-04	2.94E-03	7.57E-05	2.60E-04	0.00E+00	4.67E-08	3.36E-04	5.2E-07	9.7E-07	4.5E-07	2.2E-07	4.9E-08	3.4E-08	1.7E-08	1.0E-07	8.7E-08	2.9E-07
636	UCART1	592807.59, 4123479.92	9.39E-04	1.77E-03	8.24E-04	3.53E-03	8.99E-05	2.96E-04	0.00E+00	5.21E-08	3.86E-04	6.2E-07	1.2E-06	5.4E-07	2.6E-07	5.9E-08	4.1E-08	2.1E-08	1.2E-07	1.0E-07	3.4E-07
637	UCART1	592847.59, 4123479.92	1.19E-03	2.17E-03	1.03E-03	4.40E-03	1.08E-04	3.38E-04	0.00E+00	5.76E-08	4.46E-04	7.9E-07	1.4E-06	6.8E-07	3.0E-07	7.4E-08	5.1E-08	2.6E-08	1.5E-07	1.2E-07	4.2E-07
638	UCART1	592887.59, 4123479.92	1.42E-03	2.71E-03	1.25E-03	5.39E-03	1.32E-04	3.91E-04	0.00E+00	6.46E-08	5.23E-04	9.4E-07	1.8E-06	8.3E-07	3.5E-07	8.9E-08	6.3E-08	3.2E-08	1.8E-07	1.4E-07	5.0E-07
639	UCART1	592927.59, 4123479.92	2.07E-03	3.51E-03	1.71E-03	7.30E-03	1.64E-04	4.62E-04	0.00E+00	7.31E-08	6.26E-04	1.4E-06	2.3E-06	1.1E-06	4.1E-07	1.3E-07	8.2E-08	4.3E-08	2.5E-07	1.6E-07	6.7E-07
640	UCART1	592967.59, 4123479.92	2.08E-03	4.52E-03	1.91E-03	8.51E-03	2.08E-04	5.55E-04	0.00E+00	8.40E-08	7.63E-04	1.4E-06	3.0E-06	1.3E-06	5.0E-07	1.3E-07	1.1E-07	4.8E-08	2.8E-07	2.0E-07	7.7E-07
641	UCART1	593007.59, 4123479.92	2.25E-03	5.98E-03	2.25E-03	1.05E-02	2.70E-04	6.82E-04	0.00E+00	9.65E-08	9.52E-04	1.5E-06	4.0E-06	1.5E-06	6.3E-07	1.4E-07	1.4E-07	5.7E-08	3.4E-07	2.5E-07	9.2E-07
642	UCART1	593047.59, 4123479.92	2.57E-03	8.08E-03	2.74E-03	1.34E-02	3.58E-04	8.61E-04	0.00E+00	1.12E-07	1.22E-03	1.7E-06	5.3E-06	1.8E-06	8.1E-07	1.6E-07	1.9E-07	6.9E-08	4.2E-07	3.2E-07	1.2E-06
643	UCART1	593087.59, 4123479.92	2.82E-03	1.11E-02	3.28E-03	1.72E-02	4.84E-04	1.13E-03	0.00E+00	1.31E-07	1.61E-03	1.9E-06	7.3E-06	2.2E-06	1.1E-06	1.8E-07	2.6E-07	8.3E-08	5.2E-07	4.2E-07	1.5E-06
644	UCART1	593127.59, 4123479.92	3.52E-03	1.55E-02	4.10E-03	2.31E-02	6.72E-04	1.54E-03	0.00E+00	1.56E-07	2.21E-03	2.3E-06	1.0E-05	2.7E-06	1.5E-06	2.2E-07	3.6E-07	1.0E-07	6.9E-07	5.7E-07	1.9E-06
645	UCART1	593167.59, 4123479.92	4.71E-03	2.23E-02	5.18E-03	3.22E-02	9.63E-04	2.23E-03	0.00E+00	1.85E-07	3.19E-03	3.1E-06	1.5E-05	3.4E-06	2.1E-06	2.9E-07	5.2E-07	1.3E-07	9.5E-07	8.3E-07	2.7E-06
646	UCART1	593207.59, 4123479.92	6.70E-03	3.40E-02	6.43E-03	4.72E-02	1.46E-03	3.52E-03	0.00E+00	2.33E-07	4.98E-03	4.4E-06	2.3E-05	4.3E-06	3.3E-06	4.2E-07	8.0E-07	1.6E-07	1.4E-06	1.3E-06	4.0E-06
647	UCART1	593247.59, 4123479.92	1.02E-02	6.10E-02	7.72E-03	7.89E-02	2.45E-03	6.30E-03	0.00E+00	2.93E-07	8.75E-03	6.7E-06	4.0E-05	5.1E-06	5.8E-06	6.3E-07	1.4E-06	1.9E-07	2.3E-06	2.3E-06	6.8E-06
648	UCART1	593287.59, 4123479.92	1.68E-02	1.24E-01	8.80E-03	1.50E-01	4.21E-03	1.38E-02	0.00E+00	3.68E-07	1.80E-02	1.1E-05	8.2E-05	5.8E-06	1.2E-05	1.0E-06	2.9E-06	2.2E-07	4.2E-06	4.7E-06	1.3E-05
649	UCART1	593327.59, 4123479.92	3.32E-02	1.36E-01	9.51E-03	1.78E-01	4.44E-03	4.30E-02	0.00E+00	4.76E-07	4.75E-02	2.2E-05	9.0E-05	6.3E-06	3.1E-05	2.1E-06	3.2E-06	2.4E-07	5.5E-06	1.2E-05	2.3E-05
650	UCART1	593367.59, 4123479.92	5.34E-02	9.21E-02	9.72E-03	1.55E-01	2.31E-03	1.55E-01	0.00E+00	6.20E-07	1.57E-01	3.5E-05	6.1E-05	6.4E-06	1.0E-04	3.3E-06	2.2E-06	2.4E-07	5.7E-06	4.1E-05	5.2E-05
651	UCART1	593407.59, 4123479.92	7.63E-02	3.88E-02	9.20E-03	1.24E-01	1.07E-03	5.66E-02	0.00E+00	7.94E-07	5.76E-02	5.0E-05	2.6E-05	6.1E-06	3.8E-05	4.8E-06	9.1E-07	2.3E-07	5.9E-06	1.5E-05	2.7E-05
652	UCART1	593447.59, 4123479.92	6.84E-02	1.73E-02	8.07E-03	9.38E-02	6.28E-04	1.77E-02	0.00E+00	9.57E-07	1.83E-02	4.5E-05	1.1E-05	5.3E-06	1.2E-05	4.3E-06	4.0E-07	2.0E-07	4.9E-06	4.8E-06	1.5E-05
653	UCART1	593487.59, 4123479.92	6.00E-02	1.02E-02	6.64E-03	7.68E-02	4.20E-04	8.40E-03	0.00E+00	1.05E-06	8.82E-03	4.0E-05	6.7E-06	4.4E-06	5.8E-06	3.7E-06	2.4E-07	1.7E-07	4.1E-06	2.3E-06	1.1E-05
654	UCART1	593527.59, 4123479.92	5.58E-02	6.83E-03	5.20E-03	6.78E-02	3.03E-04	4.87E-03	0.00E+00	1.03E-06	5.17E-03	3.7E-05	4.5E-06	3.4E-06	3.4E-06	3.5E-06	1.6E-07	1.3E-07	3.8E-06	1.3E-06	8.9E-06
655	UCART1	593567.59, 4123479.92	4.91E-02	4.93E-03	4.00E-03	5.80E-02	2.29E-04	3.16E-03	0.00E+00	1.16E-06	3.39E-03	3.2E-05	3.3E-06	2.6E-06	2.2E-06	3.1E-06	1.2E-07	1.0E-07	3.3E-06	8.8E-07	7.4E-06
656	UCART1	593607.59, 4123479.92	3.90E-02	3.72E-03	3.11E-03	4.58E-02	1.80E-04	2.20E-03	0.00E+00	9.66E-07	2.38E-03	2.6E-05	2.5E-06	2.1E-06	1.6E-06	2.4E-06	8.7E-08	7.8E-08	2.6E-06	6.2E-07	5.8E-06
657	UCART1	593647.59, 4123479.92	2.86E-02	2.91E-03	2.44E-03	3.40E-02	1.45E-04	1.62E-03	0.00E+00	8.06E-07	1.76E-03	1.9E-05	1.9E-06	1.6E-06	1.2E-06	1.8E-06	6.8E-08	6.1E-08	1.9E-06	4.6E-07	4.3E-06
658	UCART1	593687.59, 4123479.92	1.84E-02	2.33E-03	1.95E-03	2.27E-02	1.19E-04	1.24E-03	0.00E+00	6.74E-07	1.36E-03	1.2E-05	1.5E-06	1.3E-06	9.0E-07	1.1E-06	5.5E-08	4.9E-08	1.3E-06	3.5E-07	2.9E-06
659	UCART1	593727.59, 4123479.92	1.11E-02	1.91E-03	1.58E-03	1.46E-02	1.00E-04	9.81E-04	0.00E+00	6.85E-07	1.08E-03	7.3E-06	1.3E-06	1.0E-06	7.2E-07	6.9E-07	4.5E-08	4.0E-08	7.7E-07	2.8E-07	1.8E-06
660	UCART1	593767.59, 4123479.92	7.19E-03	1.59E-03	1.30E-03	1.01E-02	8.58E-05	7.98E-04	0.00E+00	6.81E-07	8.84E-04	4.8E-06	1.1E-06	8.6E-07	5.9E-07	4.5E-07	3.7E-08	3.3E-08	5.2E-07	2.3E-07	1.3E-06
661	UCART1	593807.59, 4123479.92	5.03E-03	1.35E-03	1.08E-03	7.46E-03	7.43E-05	6.63E-04	0.00E+00	6.45E-07	7.38E-04	3.3E-06	8.9E-07	7.2E-07	4.9E-07	3.1E-07	3.2E-08	2.7E-08	3.7E-07	1.9E-07	9.4E-07
662	UCART1	593847.59, 4123479.92	3.71E-03	1.16E-03	9.13E-04	5.79E-03	6.49E-05	5.58E-04	0.00E+00	5.97E-07	6.23E-04	2.5E-06	7.7E-07	6.0E-07	4.1E-07	2.3E-07	2.7E-08	2.3E-08	2.8E-07	1.6E-07	7.3E-07
663	UCART1	593887.59, 4123479.92	2.86E-03	1.01E-03	7.78E-04	4.64E-03	5.71E-05	4.76E-04	0.00E+00	5.44E-07	5.34E-04	1.9E-06	6.7E-07	5.1E-07	3.5E-07	1.8E-07	2.4E-08	2.0E-08	2.2E-07	1.4E-07	5.8E-07
664	UCART1	593927.59, 4123479.92	2.27E-03	8.87E-04	6.71E-04	3.83E-03	5.08E-05	4.11E-04	0.00E+00	4.78E-07	4.62E-04	1.5E-06	5.9E-07	4.4E-07	3.1E-07	1.4E-07	2.1E-08	1.7E-08	1.8E-07	1.2E-07	4.8E-07
665	UCART1	593967.59, 4123479.92	1.85E-03	7.88E-04	5.84E-04	3.22E-03	4.54E-05	3.59E-04	0.00E+00	4.18E-07	4.05E-04	1.2E-06	5.2E-07	3.9E-07	2.7E-07	1.2E-07	1.8E-08	1.5E-08	1.5E-07	1.1E-07	4.0E-07
666	UCART1	594007.59, 4123479.92	1.54E-03	7.07E-04	5.14E-04	2.76E-03	4.09E-05	3.17E-04	0.00E+00	3.66E-07	3.58E-04	1.0E-06	4.7E-07	3.4E-07	2.4E-07	9.6E-08	1.7E-08	1.3E-08	1.3E-07	9.3E-08	3.4E-07
667	UCART1	592567.59, 4123519.92	4.71E-04	7.84E-04	3.87E-04	1.64E-03	4.24E-05	1.65E-04	0.00E+00	3.19E-08	2.08E-04	3.1E-07	5.2E-07	2.6E-07	1.4E-07	2.9E-08	1.8E-08	9.7E-09	5.7E-08	5.4E-08	1.7E-07
668	UCART1	592607.59, 4123519.92	5.20E-04	8.93E-04	4.35E-04	1.85E-03	4.80E-05	1.82E-04	0.00E+00	3.50E-08	2.30E-04	3.4E-07	5.9E-07	2.9E-07	1.5E-07	3.2E-08	2.1E-08	1.1E-08	6.4E-08	6.0E-08	1.9E-07
669	UCART1	592647.59, 4123519.92	5.77E-04	1.03E-03	4.93E-04	2.10E-03	5.47E-05	2.02E-04	0.00E+00	3.81E-08	2.56E-04	3.8E-07	6.8E-07	3.3E-07	1.7E-07	3.6E-08	2.4E-08	1.2E-08	7.2E-08	6.7E-08	2.1E-07
670	UCART1	592687.59, 4123519.92	6.47E-04	1.20E-03	5.65E-04	2.41E-03	6.30E-05	2.25E-04	0.00E+00	4.20E-08	2.88E-04	4.3E-07	7.9E-07	3.7E-07	1.9E-07	4.0E-08	2.8E-08	1.4E-08	8.3E-08	7.5E-08	2.4E-07
671	UCART1	592727.59, 4123519.92	7.34E-04	1.41E-03	6.54E-04	2.80E-03	7.34E-05	2.53E-04	0.00E+00	4.67E-08	3.26E-04	4.9E-07	9.4E-07	4.3E-07	2.2E-07	4.6E-08	3.3E-08	1.6E-08	9.5E-08	8.5E-08	2.8E-07
672	UCART1	592767.59, 4123519.92	8.46E-04	1.70E-03	7.67E-04	3.31E-03	8.64E-05	2.87E-04	0.00E+00	5.13E-08	3.74E-04	5.6E-07	1.1E-06	5.1E-07	2.5E-07	5.3E-08	4.0E-08	1.9E-08	1.1E-07	9.7E-08	3.2E-07
673	UCART1	592807.59, 4123519.92	9.96E-04	2.06E-03	9.13E-04	3.97E-03	1.03E-04	3.30E-04	0.00E+00	5.76E-08	4.33E-04	6.6E-07	1.4E-06	6.0E-07	2.9E-07	6.2E-08	4.8E-08	2.3E-08	1.3E-07	1.1E-07	3.8E-07
674	UCART1	592847.59, 4123519.92	1.21E-03	2.55E-03	1.11E-03	4.87E-03	1.24E-04	3.83E-04	0.00E+00	6.46E-08	5.07E-04	8.0E-07	1.7E-06	7.3E-07	3.4E-07	7.6E-08	6.0E-08	2.8E-08	1.6E-07	1.3E-07	4.6E-07
675	UCART1	592887.59, 4123519.92	1.59E-03	3.18E-03	1.41E-03	6.19E-03	1.51E-04	4.49E-04	0.00E+00	7.31E-08	6.00E-04	1.1E-06	2.1E-06	9.3E-07	4.0E-07	9.9E-08	7.4E-08	3.6E-08	2.1E-07	1.6E-07	5.7E-07
676	UCART1	592927.59, 4123519.92	1.72E-03	4.00E-03	1.62E-03	7.34E-03	1.87E-04	5.37E-04	0.00E+00	8.32E-08	7.24E-04	1.1E-06	2.6E-06	1.1E-06	4.8E-07	1.1E-07	9.4E-08	4.1E-08	2.4E-07	1.9E-07	6.7E-07

677	UCART1	592967.59, 4123519.92	2.14E-03	5.14E-03	2.01E-03	9.29E-03	2.35E-04	6.59E-04	0.00E+00	9.57E-08	8.94E-04	1.4E-06	3.4E-06	1.3E-06	5.9E-07	1.3E-07	1.2E-07	5.1E-08	3.0E-07	2.3E-07	8.4E-07
678	UCART1	593007.59, 4123519.92	2.28E-03	6.64E-03	2.29E-03	1.12E-02	2.99E-04	8.32E-04	0.00E+00	1.11E-07	1.13E-03	1.5E-06	4.4E-06	1.5E-06	7.5E-07	1.4E-07	1.6E-07	5.8E-08	3.6E-07	2.9E-07	1.0E-06
679	UCART1	593047.59, 4123519.92	2.62E-03	8.68E-03	2.70E-03	1.40E-02	3.86E-04	1.08E-03	0.00E+00	1.30E-07	1.47E-03	1.7E-06	5.7E-06	1.8E-06	9.7E-07	1.6E-07	2.0E-07	6.8E-08	4.3E-07	3.8E-07	1.3E-06
680	UCART1	593087.59, 4123519.92	3.22E-03	1.15E-02	3.25E-03	1.79E-02	5.04E-04	1.47E-03	0.00E+00	1.62E-07	1.98E-03	2.1E-06	7.6E-06	2.1E-06	1.3E-06	2.0E-07	2.7E-07	8.2E-08	5.5E-07	5.1E-07	1.6E-06
681	UCART1	593127.59, 4123519.92	4.15E-03	1.53E-02	3.90E-03	2.33E-02	6.65E-04	2.09E-03	0.00E+00	1.97E-07	2.76E-03	2.7E-06	1.0E-05	2.6E-06	1.8E-06	2.6E-07	3.6E-07	9.8E-08	7.1E-07	7.2E-07	2.1E-06
682	UCART1	593167.59, 4123519.92	5.58E-03	2.08E-02	4.61E-03	3.10E-02	8.84E-04	3.16E-03	0.00E+00	2.41E-07	4.04E-03	3.7E-06	1.4E-05	3.1E-06	2.7E-06	3.5E-07	4.9E-07	1.2E-07	9.5E-07	1.1E-06	3.0E-06
683	UCART1	593207.59, 4123519.92	7.76E-03	2.96E-02	5.30E-03	4.27E-02	1.17E-03	5.13E-03	0.00E+00	2.97E-07	6.30E-03	5.1E-06	2.0E-05	3.5E-06	4.2E-06	4.8E-07	6.9E-07	1.3E-07	1.3E-06	1.6E-06	4.3E-06
684	UCART1	593247.59, 4123519.92	1.12E-02	4.50E-02	5.87E-03	6.20E-02	1.47E-03	8.97E-03	0.00E+00	3.73E-07	1.04E-02	7.4E-06	3.0E-05	3.9E-06	6.9E-06	7.0E-07	1.1E-06	1.5E-07	1.9E-06	2.7E-06	6.5E-06
685	UCART1	593287.59, 4123519.92	1.68E-02	7.10E-02	6.24E-03	9.40E-02	1.56E-03	1.62E-02	0.00E+00	4.61E-07	1.78E-02	1.1E-05	4.7E-05	4.1E-06	1.2E-05	1.0E-06	1.7E-06	1.6E-07	2.9E-06	4.6E-06	1.0E-05
686	UCART1	593327.59, 4123519.92	2.56E-02	6.73E-02	6.35E-03	9.93E-02	1.28E-03	2.51E-02	0.00E+00	5.69E-07	2.64E-02	1.7E-05	4.5E-05	4.2E-06	1.7E-05	1.6E-06	1.6E-06	1.6E-07	3.3E-06	6.9E-06	1.4E-05
687	UCART1	593367.59, 4123519.92	3.42E-02	3.37E-02	6.17E-03	7.40E-02	8.77E-04	2.51E-02	0.00E+00	6.85E-07	2.60E-02	2.3E-05	2.2E-05	4.1E-06	1.7E-05	2.1E-06	7.9E-07	1.6E-07	3.1E-06	6.8E-06	1.3E-05
688	UCART1	593407.59, 4123519.92	3.47E-02	1.71E-02	5.71E-03	5.76E-02	5.81E-04	1.49E-02	0.00E+00	7.76E-07	1.55E-02	2.3E-05	1.1E-05	3.8E-06	1.0E-05	2.2E-06	4.0E-07	1.4E-07	2.7E-06	4.0E-06	9.4E-06
689	UCART1	593447.59, 4123519.92	3.26E-02	1.05E-02	5.05E-03	4.81E-02	4.09E-04	8.20E-03	0.00E+00	7.95E-07	8.61E-03	2.2E-05	7.0E-06	3.3E-06	5.7E-06	2.0E-06	2.5E-07	1.3E-07	2.4E-06	2.2E-06	7.0E-06
690	UCART1	593487.59, 4123519.92	2.95E-02	7.14E-03	4.28E-03	4.09E-02	3.02E-04	4.94E-03	0.00E+00	7.30E-07	5.24E-03	1.9E-05	4.7E-06	2.8E-06	3.5E-06	1.8E-06	1.7E-07	1.1E-07	2.1E-06	1.4E-06	5.6E-06
691	UCART1	593527.59, 4123519.92	2.59E-02	5.18E-03	3.51E-03	3.46E-02	2.32E-04	3.22E-03	0.00E+00	8.78E-07	3.45E-03	1.7E-05	3.4E-06	2.3E-06	2.3E-06	1.6E-06	1.2E-07	8.8E-08	1.8E-06	9.0E-07	4.5E-06
692	UCART1	593567.59, 4123519.92	2.20E-02	3.94E-03	2.85E-03	2.88E-02	1.84E-04	2.25E-03	0.00E+00	1.11E-06	2.44E-03	1.5E-05	2.6E-06	1.9E-06	1.6E-06	1.4E-06	9.2E-08	7.2E-08	1.5E-06	6.3E-07	3.7E-06
693	UCART1	593607.59, 4123519.92	1.79E-02	3.10E-03	2.32E-03	2.33E-02	1.50E-04	1.66E-03	0.00E+00	9.29E-07	1.81E-03	1.2E-05	2.0E-06	1.5E-06	1.2E-06	1.1E-06	7.2E-08	5.8E-08	1.2E-06	4.7E-07	3.0E-06
694	UCART1	593647.59, 4123519.92	1.37E-02	2.50E-03	1.91E-03	1.81E-02	1.24E-04	1.27E-03	0.00E+00	7.84E-07	1.40E-03	9.1E-06	1.7E-06	1.3E-06	9.2E-07	8.6E-07	5.8E-08	4.8E-08	9.6E-07	3.6E-07	2.3E-06
695	UCART1	593687.59, 4123519.92	9.90E-03	2.05E-03	1.58E-03	1.35E-02	1.04E-04	1.00E-03	0.00E+00	6.43E-07	1.11E-03	6.6E-06	1.4E-06	1.0E-06	7.3E-07	6.2E-07	4.8E-08	4.0E-08	7.1E-07	2.9E-07	1.7E-06
696	UCART1	593727.59, 4123519.92	7.01E-03	1.71E-03	1.32E-03	1.00E-02	8.90E-05	8.09E-04	0.00E+00	5.68E-07	8.99E-04	4.6E-06	1.1E-06	8.7E-07	5.9E-07	4.4E-07	4.0E-08	3.3E-08	5.1E-07	2.3E-07	1.3E-06
697	UCART1	593767.59, 4123519.92	5.10E-03	1.44E-03	1.11E-03	7.65E-03	7.67E-05	6.68E-04	0.00E+00	5.05E-07	7.45E-04	3.4E-06	9.6E-07	7.4E-07	4.9E-07	3.2E-07	3.4E-08	2.8E-08	3.8E-07	1.9E-07	9.5E-07
698	UCART1	593807.59, 4123519.92	3.82E-03	1.24E-03	9.48E-04	6.01E-03	6.67E-05	5.60E-04	0.00E+00	4.51E-07	6.27E-04	2.5E-06	8.2E-07	6.3E-07	4.1E-07	2.4E-07	2.9E-08	2.4E-08	2.9E-07	1.6E-07	7.5E-07
699	UCART1	593847.59, 4123519.92	2.96E-03	1.07E-03	8.14E-04	4.85E-03	5.87E-05	4.77E-04	0.00E+00	4.05E-07	5.37E-04	2.0E-06	7.1E-07	5.4E-07	3.6E-07	1.8E-07	2.5E-08	2.0E-08	2.3E-07	1.4E-07	6.0E-07
700	UCART1	593887.59, 4123519.92	2.36E-03	9.35E-04	7.05E-04	4.00E-03	5.20E-05	4.12E-04	0.00E+00	3.67E-07	4.64E-04	1.6E-06	6.2E-07	4.7E-07	3.1E-07	1.5E-07	2.2E-08	1.8E-08	1.9E-07	1.2E-07	4.9E-07
701	UCART1	593927.59, 4123519.92	1.92E-03	8.26E-04	6.15E-04	3.36E-03	4.65E-05	3.60E-04	0.00E+00	3.27E-07	4.07E-04	1.3E-06	5.5E-07	4.1E-07	2.7E-07	1.2E-07	1.9E-08	1.5E-08	1.5E-07	1.1E-07	4.2E-07
702	UCART1	593967.59, 4123519.92	1.60E-03	7.37E-04	5.40E-04	2.87E-03	4.18E-05	3.17E-04	0.00E+00	2.89E-07	3.59E-04	1.1E-06	4.9E-07	3.6E-07	2.4E-07	1.0E-07	1.7E-08	1.4E-08	1.3E-07	9.3E-08	3.5E-07
703	UCART1	594007.59, 4123519.92	1.35E-03	6.62E-04	4.79E-04	2.49E-03	3.79E-05	2.82E-04	0.00E+00	2.63E-07	3.20E-04	8.9E-07	4.4E-07	3.2E-07	2.1E-07	8.4E-08	1.5E-08	1.2E-08	1.1E-07	8.3E-08	3.1E-07
704	UCART1	592567.59, 4123559.92	5.07E-04	8.73E-04	4.28E-04	1.81E-03	4.70E-05	1.78E-04	0.00E+00	3.42E-08	2.25E-04	3.4E-07	5.8E-07	2.8E-07	1.5E-07	3.2E-08	2.0E-08	1.1E-08	6.3E-08	5.8E-08	1.8E-07
705	UCART1	592607.59, 4123559.92	5.60E-04	1.01E-03	4.81E-04	2.05E-03	5.36E-05	1.98E-04	0.00E+00	3.73E-08	2.51E-04	3.7E-07	6.7E-07	3.2E-07	1.7E-07	3.5E-08	2.4E-08	1.2E-08	7.1E-08	6.5E-08	2.1E-07
706	UCART1	592647.59, 4123559.92	6.25E-04	1.17E-03	5.48E-04	2.34E-03	6.14E-05	2.21E-04	0.00E+00	4.12E-08	2.82E-04	4.1E-07	7.7E-07	3.6E-07	1.9E-07	3.9E-08	2.7E-08	1.4E-08	8.0E-08	7.3E-08	2.3E-07
707	UCART1	592687.59, 4123559.92	7.03E-04	1.37E-03	6.28E-04	2.70E-03	7.10E-05	2.48E-04	0.00E+00	4.59E-08	3.19E-04	4.6E-07	9.1E-07	4.2E-07	2.1E-07	4.4E-08	3.2E-08	1.6E-08	9.2E-08	8.3E-08	2.7E-07
708	UCART1	592727.59, 4123559.92	7.99E-04	1.63E-03	7.26E-04	3.15E-03	8.27E-05	2.82E-04	0.00E+00	5.06E-08	3.65E-04	5.3E-07	1.1E-06	4.8E-07	2.4E-07	5.0E-08	3.8E-08	1.8E-08	1.1E-07	9.5E-08	3.1E-07
709	UCART1	592767.59, 4123559.92	9.19E-04	1.95E-03	8.47E-04	3.72E-03	9.73E-05	3.24E-04	0.00E+00	5.68E-08	4.21E-04	6.1E-07	1.3E-06	5.6E-07	2.8E-07	5.7E-08	4.6E-08	2.1E-08	1.2E-07	1.1E-07	3.6E-07
710	UCART1	592807.59, 4123559.92	1.07E-03	2.36E-03	9.98E-04	4.44E-03	1.16E-04	3.76E-04	0.00E+00	6.38E-08	4.92E-04	7.1E-07	1.6E-06	6.6E-07	3.3E-07	6.7E-08	5.5E-08	2.5E-08	1.5E-07	1.3E-07	4.2E-07
711	UCART1	592847.59, 4123559.92	1.27E-03	2.90E-03	1.19E-03	5.36E-03	1.39E-04	4.44E-04	0.00E+00	7.23E-08	5.82E-04	8.4E-07	1.9E-06	7.9E-07	3.9E-07	8.0E-08	6.8E-08	3.0E-08	1.8E-07	1.5E-07	5.1E-07
712	UCART1	592887.59, 4123559.92	1.56E-03	3.58E-03	1.43E-03	6.57E-03	1.68E-04	5.32E-04	0.00E+00	8.25E-08	6.99E-04	1.0E-06	2.4E-06	9.5E-07	4.6E-07	9.7E-08	8.4E-08	3.6E-08	2.2E-07	1.8E-07	6.2E-07
713	UCART1	592927.59, 4123559.92	1.89E-03	4.46E-03	1.72E-03	8.07E-03	2.04E-04	6.48E-04	0.00E+00	9.49E-08	8.52E-04	1.3E-06	3.0E-06	1.1E-06	5.6E-07	1.2E-07	1.0E-07	4.3E-08	2.7E-07	2.2E-07	7.5E-07
714	UCART1	592967.59, 4123559.92	2.49E-03	5.60E-03	2.14E-03	1.02E-02	2.49E-04	8.06E-04	0.00E+00	1.16E-07	1.06E-03	1.6E-06	3.7E-06	1.4E-06	7.0E-07	1.6E-07	1.3E-07	5.4E-08	3.4E-07	2.7E-07	9.5E-07
715	UCART1	593007.59, 4123559.92	2.49E-03	6.95E-03	2.28E-03	1.17E-02	3.05E-04	1.03E-03	0.00E+00	1.35E-07	1.33E-03	1.6E-06	4.6E-06	1.5E-06	8.8E-07	1.6E-07	1.6E-07	5.7E-08	3.8E-07	3.5E-07	1.1E-06
716	UCART1	593047.59, 4123559.92	2.92E-03	8.71E-03	2.61E-03	1.42E-02	3.76E-04	1.35E-03	0.00E+00	1.63E-07	1.73E-03	1.9E-06	5.8E-06	1.7E-06	1.1E-06	1.8E-07	2.0E-07	6.6E-08	4.5E-07	4.5E-07	1.4E-06
717	UCART1	593087.59, 4123559.92	3.62E-03	1.09E-02	3.02E-03	1.76E-02	4.64E-04	1.84E-03	0.00E+00	1.92E-07	2.30E-03	2.4E-06	7.2E-06	2.0E-06	1.5E-06	2.3E-07	2.6E-07	7.6E-08	5.6E-07	6.0E-07	1.7E-06
718	UCART1	593127.59, 4123559.92	4.62E-03	1.38E-02	3.44E-03	2.18E-02	5.68E-04	2.59E-03	0.00E+00	2.33E-07	3.16E-03	3.1E-06	9.1E-06	2.3E-06	2.1E-06	2.9E-07	3.2E-07	8.6E-08	7.0E-07	8.2E-07	2.2E-06
719	UCART1	593167.59, 4123559.92	6.00E-03	1.73E-02	3.83E-03	2.71E-02	6.80E-04	3.76E-03	0.00E+00	2.84E-07	4.44E-03	4.0E-06	1.1E-05	2.5E-06	2.9E-06	3.7E-07	4.0E-07	9.6E-08	8.8E-07	1.2E-06	2.9E-06
720	UCART1	593207.59, 4123559.92	7.90E-03	2.13E-02	4.14E-03	3.34E-02	7.76E-04	5.53E-03	0.00E+00	3.42E-07	6.31E-03	5.2E-06	1.4E-05	2.7E-06	4.2E-06	4.9E-07	5.0E-07	1.0E-07	1.1E-06	1.6E-06	3.8E-06
721	UCART1	593247.59, 4123559.92	1.04E-02	2.48E-02	4.34E-03	3.96E-02	8.18E-04	7.92E-03	0.00E+00	4.08E-07	8.74E-03	6.9E-06	1.6E-05	2.9E-06	5.8E-06	6.5E-07	5.8E-07	1.1E-07	1.3E-06	2.3E-06	4.9E-06
722	UCART1	593287.59, 4123559.92	1.34E-02	2.52E-02	4.42E-03	4.31E-02	7.78E-04	1.02E-02	0.00E+00	4.78E-07	1.10E-02	8.9E-06	1.7E-05	2.9E-06	7.3E-06	8.4E-07	5.9E-07	1.1E-07	1.5E-06	2.9E-06	5.9E-06
723	UCART1	593327.59, 4123559.92	1.64E-02	2.11E-02	4.37E-03	4.18E-02	6.58E-04	1.10E-02	0.00E+00	5.46E-07	1.16E-02	1.1E-05	1.4E-05	2.9E-06	7.7E-06	1.0E-06	4.9E-07	1.1E-07	1.6E-06	3.0E-06	6.3E-06
724	UCART1	593367.59, 4123559.92	1.82E-02	1.48E-02	4.19E-03	3.72E-02	5.04E-04	9.81E-03	0.00E+00	5.89E-07	1.03E-02	1.2E-05	9.8E-06	2.8E-06	6.8E-06	1.1E-06	3.5E-07	1.1E-07	1.6E-06	2.7E-06	5.9E-06
725	UCART1	593407.59, 4123559.92	1.85E-02	1.02E-02	3.88E-03	3.25E-02	3.77E-04	6.90E-03	0.00E+00	5.64E-07	7.27E-03	1.2E-05	6.7E-06	2.6E-06	4.8E-06	1.2E-06	2.4E-07	9.8E-08	1.5E-06	1.9E-06	4.9E-06
726	UCART1	593447.59, 4123559.92	1.77E-02	7.27E-03	3.47E-03	2.84E-02	2.90E-04	4.62E-03	0.00E+00	5.52E-07	4.91E-03	1.2E-05	4.8E-06	2.3E-06	3.2E-06	1.1E-06	1.7E-07	8.7E-08	1.4E-06	1.3E-06	4.0E-06
727	UCART1	593487.59, 4123559.92	1.63E-02	5.39E-03	3.00E-03	2.47E-02	2.30E-04	3.24E-03	0.00E+00	6.40E-07	3.47E-03	1.1E-05	3.6E-06	2.0E-06	2.3E-06	1.0E-06	1.3E-07	7.5E-08	1.2E-06	9.0E-07	3.3E-06
728	UCART1	593527.59, 4123559.92	1.45E-02	4.12E-03	2.54E-03	2.11E-02	1.85E-04	2.35E-03	0.00E+00	8.91E-07	2.54E-03	9.6E-06	2.7E-06	1.7E-06	1.7E-06	9.0E-07	9.6E-08	6.4E-08	1.1E-06	6.6E-07	2.8E-06
729	UCART1	593567.59, 4123559.92	1.24E-02	3.25E-03	2.13E-03	1.78E-02	1.52E-04	1.76E-03	0.00E+00	9.90E-07	1.91E-03	8.2E-06	2.1E-06	1.4E-06	1.3E-06	7.7E-07	7.6E-08	5.4E-08	9.0E-07	5.0E-07	2.3E-06
730	UCART1	593607.59, 4123559.92	1.02E-02	2.62E-03	1.79E-03	1.46E-02	1.27E-04	1.34E-03	0.00E+00	8.19E-07	1.47E-03	6.8E-06	1.7E-06	1.2E-06	9.7E-07	6.4E-07	6.1E-08	4.5E-08	7.4E-07	3.8E-07	1.9E-06
731	UCART1	593647.59, 4123559.92	8.16E-03	2.16E-03	1.51E-03	1.18E-02	1.07E-04	1.05E-03	0.00E+00	6.84E-07	1.16E-03	5.4E-06	1.4E-06	1.0E-06	7.7E-07	5.1E-07	5.1E-08	3.8E-08	6.0E-07	3.0E-07	1.5E-06
732	UCART1	593687.59, 4123559.92	6.33E-03	1.81E-03	1.29E-03	9.43E-03	9.14E-05	8.48E-04	0.00E+00	5.55E-07	9.40E-04	4.2E-06	1.2E-06	8.5E-07	6.2E-07	4.0E-07	4.2E-08	3.2E-08	4.7E-07	2.4E-07	1.2E-06
733	UCART1	593727.59, 4123559.92	4.87E-03	1.54E-03	1.10E-03	7.51E-03	7.90E-05	6.96E-04	0.00E+00	4.75E-07	7.75E-04	3.2E-06	1.0E-06	7.3E-07	5.1E-07	3.0E-07	3.6E-08	2.8E-08	3.7E-07	2.0E-07	9.4E-07
734	UCART1	593767.59, 4123559.92	3.80E-03	1.32E-03	9.49E-04	6.07E-03	6.89E-05	5.81E-04	0.00E+00	4.07E-07	6.51E-04	2.5E-06	8.7E-07	6.3E-07	4.3E-07	2.4E-07	3.1E-08	2.4E-08	2.9E-07	1.7E-07	7.5E-07
735	UCART1	593807.59, 4123559.92	3.01E-03	1.14E-03	8.25E-04	4.98E-03	6.05E-05	4.92E-04	0.00E+00	3.55E-07	5.53E-04	2.0E-06	7.6E-07	5.5E-07	3.7E-07	1.9E-07	2.7E-08	2.1E-08	2.4E-07	1.4E-07	6.1E-07
736	UCART1	593847.59, 4123559.92	2.43E-03	9.97E-04	7.23E-04	4.15E-03	5.37E-05	4.24E-04	0.00E+00	3.15E-07	4.78E-04	1.6E-06	6.6E-07	4.8E-07	3.2E-07	1.5E-07	2.3E-08	1.8E-08	1.9E-07	1.2E-07	5.1E-07
737	UCART1	593887.59, 4123559.92	1.99E-03	8.77E-04	6.36E-04	3.51E-03	4.79E-05	3.69E-04	0.00E+00	2.78E-07	4.17E-04	1.3E-06	5.8E-07	4.2E-07	2.8E-07	1.2E-07	2.1E-08	1.6E-08	1.6E-07	1.1E-07	4.3E-07
738	UCART1	593927.59, 4123559.92	1.66E-03	7.79E-04	5.63E-04	3.01E-03	4.31E-05	3.24E-04	0.00E+00	2.46E-07	3.68E-04	1.1E-06	5.2E-07	3.7E-07	2.4E-07	1.0E-07	1.8E-08	1.4E-08	1.4E-07	9.6E-08	3.7E-07
739	UCART1	593967.59, 4123559.92	1.41E-03	6.96E-04	5.01E-04	2.60E-03	3.89E-05	2.88E-04	0.00E+00	2.24E-07	3.27E-04	9.3E-07	4.6E-07	3.3E-07	2.2E-07	8.8E-08	1.6E-08	1.3E-08	1.2E-07	8.5E-08	3.2E-07
740	UCART1	594007.59, 4123559.92	1.21E-03	6.28E-04	4.48E-04	2.28E-03	3.55E-05	2.58E-04	0.00E+00	2.01E-07	2.93E-04	8.0E-07	4.2E-07	3.0E-07	1.9E-07	7.5E-08	1.5E-08	1.1E-08	1.0E-07	7.6E-08	2.8E-07
741	UCART1	592567.59, 4123599.92	5.47E-04	9.86E-04	4.71E-04	2.00E-03	5.23E-05	1.95E-04	0.00E+00	3.66E-08	2.47E-04	3.6E-07	6.5E-07	3.1E-07	1.6E-07	3.4E-08	2.3E-08	1.2E-08	6.9E-08	6.4E-08	2.0E-07
742	UCART1	592607.59, 4123599.92	6.08E-04	1.14E-03	5.30E-04	2.28E-03	5.96E-05	2.18E-04	0.00E+00	4.05E-08	2.77E-04	4.0E-07	7.5E-07	3.5E-07	1.8E-07	3.8E-08	2.7E-08	1.3E-08	7.8E-08	7.2E-08	2.3E-07
743	UCART1	592647.59, 4123599.92	6.80E-04	1.33E-03	6.01E-04	2.61E-03	6.83E-05	2.45E-04	0.00E+00	4.43E-08	3.13E-04	4.5E-07	8.8E-07	4.0E-07	2.1E-07	4.2E-08	3.1E-08	1.5E-08	8.9E-08	8.1E-08	2.6E-07
744	UCART1	592687.59, 4123599.92	7.67E-04	1.56E-03	6.87E-04	3.01E-03	7.88E-05	2.79E-04	0.00E+00	4.98E-08	3.57E-04	5.1E-07	1.0E-06	4.5E-07	2.4E-07	4.8E-08	3.6E-08	1.7E-08	1.0E-07	9.3E-08	3.0E-07
745	UCART1	592727.59, 4123599.92	8.72E-04	1.84E-03	7.89E-04	3.50E-03	9.16E-05	3.20E-04	0.00E+00	5.52E-08	4.11E-04	5.8E-07	1.2E-06	5.2E-07	2.7E-07	5.4E-08	4.3E-08	2.0E-08	1.2E-07	1.1E-07	3.4E-07

746	UCART1	592767.59, 4123599.92	1.00E-03	2.20E-03	9.12E-04	4.11E-03	1.07E-04	3.71E-04	0.00E+00	6.22E-08	4.78E-04	6.6E-07	1.5E-06	6.0E-07	3.2E-07	6.3E-08	5.1E-08	2.3E-08	1.4E-07	1.2E-07	4.0E-07
747	UCART1	592807.59, 4123599.92	1.17E-03	2.63E-03	1.06E-03	4.86E-03	1.26E-04	4.35E-04	0.00E+00	7.08E-08	5.61E-04	7.7E-07	1.7E-06	7.0E-07	3.7E-07	7.3E-08	6.2E-08	2.7E-08	1.6E-07	1.5E-07	4.7E-07
748	UCART1	592847.59, 4123599.92	1.36E-03	3.17E-03	1.23E-03	5.76E-03	1.47E-04	5.15E-04	0.00E+00	7.93E-08	6.63E-04	9.0E-07	2.1E-06	8.1E-07	4.4E-07	8.5E-08	7.4E-08	3.1E-08	1.9E-07	1.7E-07	5.5E-07
749	UCART1	592887.59, 4123599.92	1.61E-03	3.82E-03	1.43E-03	6.86E-03	1.73E-04	6.18E-04	0.00E+00	9.57E-08	7.91E-04	1.1E-06	2.5E-06	9.5E-07	5.2E-07	1.0E-07	8.9E-08	3.6E-08	2.3E-07	2.1E-07	6.6E-07
750	UCART1	592927.59, 4123599.92	1.94E-03	4.63E-03	1.67E-03	8.24E-03	2.04E-04	7.55E-04	0.00E+00	1.12E-07	9.60E-04	1.3E-06	3.1E-06	1.1E-06	6.4E-07	1.2E-07	1.1E-07	4.2E-08	2.7E-07	2.5E-07	7.9E-07
751	UCART1	592967.59, 4123599.92	2.25E-03	5.59E-03	1.90E-03	9.73E-03	2.43E-04	9.44E-04	0.00E+00	1.32E-07	1.19E-03	1.5E-06	3.7E-06	1.3E-06	7.9E-07	1.4E-07	1.3E-07	4.8E-08	3.2E-07	3.1E-07	9.5E-07
752	UCART1	593007.59, 4123599.92	2.59E-03	6.74E-03	2.11E-03	1.14E-02	2.89E-04	1.21E-03	0.00E+00	1.55E-07	1.49E-03	1.7E-06	4.5E-06	1.4E-06	9.9E-07	1.6E-07	1.6E-07	5.3E-08	3.7E-07	3.9E-07	1.1E-06
753	UCART1	593047.59, 4123599.92	3.13E-03	8.10E-03	2.38E-03	1.36E-02	3.41E-04	1.57E-03	0.00E+00	1.84E-07	1.91E-03	2.1E-06	5.4E-06	1.6E-06	1.3E-06	2.0E-07	1.9E-07	6.0E-08	4.4E-07	5.0E-07	1.4E-06
754	UCART1	593087.59, 4123599.92	3.84E-03	9.63E-03	2.65E-03	1.61E-02	3.98E-04	2.08E-03	0.00E+00	2.20E-07	2.48E-03	2.5E-06	6.4E-06	1.8E-06	1.6E-06	2.4E-07	2.3E-07	6.7E-08	5.3E-07	6.4E-07	1.7E-06
755	UCART1	593127.59, 4123599.92	4.76E-03	1.12E-02	2.90E-03	1.89E-02	4.54E-04	2.78E-03	0.00E+00	2.59E-07	3.23E-03	3.1E-06	7.4E-06	1.9E-06	2.1E-06	3.0E-07	2.6E-07	7.3E-08	6.3E-07	8.4E-07	2.1E-06
756	UCART1	593167.59, 4123599.92	5.90E-03	1.27E-02	3.09E-03	2.17E-02	5.00E-04	3.68E-03	0.00E+00	3.01E-07	4.18E-03	3.9E-06	8.4E-06	2.0E-06	2.8E-06	3.7E-07	3.0E-07	7.8E-08	7.4E-07	1.1E-06	2.6E-06
757	UCART1	593207.59, 4123599.92	7.26E-03	1.36E-02	3.22E-03	2.41E-02	5.24E-04	4.72E-03	0.00E+00	3.44E-07	5.25E-03	4.8E-06	9.0E-06	2.1E-06	3.5E-06	4.5E-07	3.2E-07	8.1E-08	8.5E-07	1.4E-06	3.1E-06
758	UCART1	593247.59, 4123599.92	8.73E-03	1.37E-02	3.27E-03	2.57E-02	5.19E-04	5.65E-03	0.00E+00	3.84E-07	6.17E-03	5.8E-06	9.1E-06	2.2E-06	4.1E-06	5.4E-07	3.2E-07	8.2E-08	9.5E-07	1.6E-06	3.5E-06
759	UCART1	593287.59, 4123599.92	1.01E-02	1.29E-02	3.25E-03	2.63E-02	4.84E-04	6.09E-03	0.00E+00	4.07E-07	6.57E-03	6.7E-06	8.6E-06	2.2E-06	4.3E-06	6.3E-07	3.0E-07	8.2E-08	1.0E-06	1.7E-06	3.7E-06
760	UCART1	593327.59, 4123599.92	1.12E-02	1.10E-02	3.17E-03	2.54E-02	4.18E-04	5.94E-03	0.00E+00	4.19E-07	6.36E-03	7.4E-06	7.3E-06	2.1E-06	4.2E-06	7.0E-07	2.6E-07	8.0E-08	1.0E-06	1.7E-06	3.7E-06
761	UCART1	593367.59, 4123599.92	1.17E-02	8.60E-03	3.02E-03	2.33E-02	3.38E-04	5.27E-03	0.00E+00	4.25E-07	5.61E-03	7.7E-06	5.7E-06	2.0E-06	3.7E-06	7.3E-07	2.0E-07	7.6E-08	1.0E-06	1.5E-06	3.5E-06
762	UCART1	593407.59, 4123599.92	1.16E-02	6.62E-03	2.80E-03	2.10E-02	2.68E-04	4.01E-03	0.00E+00	4.17E-07	4.28E-03	7.7E-06	4.4E-06	1.9E-06	2.8E-06	7.2E-07	1.5E-07	7.0E-08	9.5E-07	1.1E-06	3.0E-06
763	UCART1	593447.59, 4123599.92	1.10E-02	5.17E-03	2.52E-03	1.87E-02	2.16E-04	2.92E-03	0.00E+00	4.76E-07	3.13E-03	7.3E-06	3.4E-06	1.7E-06	2.1E-06	6.9E-07	1.2E-07	6.3E-08	8.7E-07	8.1E-07	2.6E-06
764	UCART1	593487.59, 4123599.92	1.02E-02	4.09E-03	2.21E-03	1.65E-02	1.78E-04	2.21E-03	0.00E+00	6.53E-07	2.39E-03	6.7E-06	2.7E-06	1.5E-06	1.6E-06	6.3E-07	9.6E-08	5.6E-08	7.8E-07	6.2E-07	2.2E-06
765	UCART1	593527.59, 4123599.92	9.04E-03	3.28E-03	1.91E-03	1.42E-02	1.48E-04	1.71E-03	0.00E+00	8.22E-07	1.86E-03	6.0E-06	2.2E-06	1.3E-06	1.2E-06	5.6E-07	7.7E-08	4.8E-08	6.9E-07	4.8E-07	1.9E-06
766	UCART1	593567.59, 4123599.92	7.83E-03	2.68E-03	1.64E-03	1.22E-02	1.25E-04	1.35E-03	0.00E+00	8.08E-07	1.48E-03	5.2E-06	1.8E-06	1.1E-06	9.8E-07	4.9E-07	6.3E-08	4.1E-08	5.9E-07	3.8E-07	1.6E-06
767	UCART1	593607.59, 4123599.92	6.62E-03	2.23E-03	1.41E-03	1.03E-02	1.07E-04	1.08E-03	0.00E+00	6.53E-07	1.19E-03	4.4E-06	1.5E-06	9.4E-07	7.9E-07	4.1E-07	5.2E-08	3.6E-08	5.0E-07	3.1E-07	1.3E-06
768	UCART1	593647.59, 4123599.92	5.48E-03	1.88E-03	1.23E-03	8.59E-03	9.23E-05	8.82E-04	0.00E+00	5.67E-07	9.75E-04	3.6E-06	1.2E-06	8.1E-07	6.5E-07	3.4E-07	4.4E-08	3.1E-08	4.2E-07	2.5E-07	1.1E-06
769	UCART1	593687.59, 4123599.92	4.46E-03	1.61E-03	1.06E-03	7.13E-03	8.04E-05	7.29E-04	0.00E+00	4.77E-07	8.10E-04	2.9E-06	1.1E-06	7.0E-07	5.4E-07	2.8E-07	3.8E-08	2.7E-08	3.4E-07	2.1E-07	9.0E-07
770	UCART1	593727.59, 4123599.92	3.61E-03	1.39E-03	9.27E-04	5.92E-03	7.04E-05	6.10E-04	0.00E+00	3.99E-07	6.80E-04	2.4E-06	9.2E-07	6.1E-07	4.5E-07	2.2E-07	3.2E-08	2.3E-08	2.8E-07	1.8E-07	7.4E-07
771	UCART1	593767.59, 4123599.92	2.94E-03	1.21E-03	8.13E-04	4.96E-03	6.21E-05	5.17E-04	0.00E+00	3.40E-07	5.79E-04	1.9E-06	8.0E-07	5.4E-07	3.8E-07	1.8E-07	2.8E-08	2.0E-08	2.3E-07	1.5E-07	6.2E-07
772	UCART1	593807.59, 4123599.92	2.43E-03	1.06E-03	7.18E-04	4.20E-03	5.52E-05	4.43E-04	0.00E+00	2.93E-07	4.99E-04	1.6E-06	7.0E-07	4.8E-07	3.3E-07	1.5E-07	2.5E-08	1.8E-08	1.9E-07	1.3E-07	5.2E-07
773	UCART1	593847.59, 4123599.92	2.02E-03	9.35E-04	6.39E-04	3.59E-03	4.93E-05	3.84E-04	0.00E+00	2.58E-07	4.34E-04	1.3E-06	6.2E-07	4.2E-07	2.9E-07	1.3E-07	2.2E-08	1.6E-08	1.6E-07	1.1E-07	4.4E-07
774	UCART1	593887.59, 4123599.92	1.70E-03	8.29E-04	5.71E-04	3.10E-03	4.43E-05	3.37E-04	0.00E+00	2.29E-07	3.81E-04	1.1E-06	5.5E-07	3.8E-07	2.5E-07	1.1E-07	1.9E-08	1.4E-08	1.4E-07	9.9E-08	3.8E-07
775	UCART1	593927.59, 4123599.92	1.45E-03	7.40E-04	5.13E-04	2.70E-03	4.02E-05	2.98E-04	0.00E+00	2.03E-07	3.39E-04	9.6E-07	4.9E-07	3.4E-07	2.2E-07	9.1E-08	1.7E-08	1.3E-08	1.2E-07	8.8E-08	3.3E-07
776	UCART1	593967.59, 4123599.92	1.25E-03	6.64E-04	4.62E-04	2.38E-03	3.65E-05	2.66E-04	0.00E+00	1.80E-07	3.02E-04	8.3E-07	4.4E-07	3.1E-07	2.0E-07	7.8E-08	1.6E-08	1.2E-08	1.1E-07	7.9E-08	2.9E-07
777	UCART1	594007.59, 4123599.92	1.09E-03	6.01E-04	4.18E-04	2.11E-03	3.34E-05	2.39E-04	0.00E+00	1.60E-07	2.73E-04	7.2E-07	4.0E-07	2.8E-07	1.8E-07	6.8E-08	1.4E-08	1.1E-08	9.2E-08	7.1E-08	2.6E-07
778	UCART1	593087.59, 4123639.92	3.89E-03	7.96E-03	2.29E-03	1.41E-02	3.35E-04	2.14E-03	0.00E+00	2.28E-07	2.47E-03	2.6E-06	5.3E-06	1.5E-06	1.6E-06	2.4E-07	1.9E-07	5.8E-08	4.9E-07	6.4E-07	1.6E-06
779	UCART1	593127.59, 4123639.92	4.63E-03	8.59E-03	2.42E-03	1.56E-02	3.62E-04	2.66E-03	0.00E+00	2.57E-07	3.02E-03	3.1E-06	5.7E-06	1.6E-06	2.0E-06	2.9E-07	2.0E-07	6.1E-08	5.5E-07	7.9E-07	1.9E-06
780	UCART1	593167.59, 4123639.92	5.44E-03	8.89E-03	2.50E-03	1.68E-02	3.78E-04	3.21E-03	0.00E+00	2.84E-07	3.58E-03	3.6E-06	5.9E-06	1.7E-06	2.4E-06	3.4E-07	2.1E-07	6.3E-08	6.1E-07	9.3E-07	2.2E-06
781	UCART1	593207.59, 4123639.92	6.26E-03	8.84E-03	2.52E-03	1.76E-02	3.77E-04	3.66E-03	0.00E+00	2.96E-07	4.04E-03	4.1E-06	5.8E-06	1.7E-06	2.7E-06	3.9E-07	2.1E-07	6.4E-08	6.6E-07	1.0E-06	2.4E-06
782	UCART1	593247.59, 4123639.92	7.00E-03	8.59E-03	2.51E-03	1.81E-02	3.63E-04	3.89E-03	0.00E+00	3.07E-07	4.26E-03	4.6E-06	5.7E-06	1.7E-06	2.8E-06	4.4E-07	2.0E-07	6.3E-08	7.0E-07	1.1E-06	2.5E-06
783	UCART1	593287.59, 4123639.92	7.59E-03	8.00E-03	2.46E-03	1.80E-02	3.34E-04	3.86E-03	0.00E+00	3.18E-07	4.19E-03	5.0E-06	5.3E-06	1.6E-06	2.8E-06	4.7E-07	1.9E-07	6.2E-08	7.2E-07	1.1E-06	2.5E-06
784	UCART1	593327.59, 4123639.92	7.96E-03	6.92E-03	2.38E-03	1.73E-02	2.91E-04	3.66E-03	0.00E+00	3.14E-07	3.95E-03	5.3E-06	4.6E-06	1.6E-06	2.6E-06	5.0E-07	1.6E-07	6.0E-08	7.2E-07	1.0E-06	2.5E-06
785	UCART1	593367.59, 4123639.92	8.06E-03	5.66E-03	2.26E-03	1.60E-02	2.41E-04	3.22E-03	0.00E+00	3.19E-07	3.46E-03	5.3E-06	3.7E-06	1.5E-06	2.3E-06	5.0E-07	1.3E-07	5.7E-08	6.9E-07	9.0E-07	2.3E-06
786	UCART1	593407.59, 4123639.92	7.85E-03	4.62E-03	2.10E-03	1.46E-02	1.99E-04	2.57E-03	0.00E+00	3.52E-07	2.77E-03	5.2E-06	3.1E-06	1.4E-06	1.8E-06	4.9E-07	1.1E-07	5.3E-08	6.5E-07	7.2E-07	2.0E-06
787	UCART1	593447.59, 4123639.92	7.42E-03	3.83E-03	1.91E-03	1.32E-02	1.65E-04	1.98E-03	0.00E+00	4.79E-07	2.14E-03	4.9E-06	2.5E-06	1.3E-06	1.4E-06	4.6E-07	9.0E-08	4.8E-08	6.0E-07	5.6E-07	1.8E-06
788	UCART1	593487.59, 4123639.92	6.82E-03	3.16E-03	1.69E-03	1.17E-02	1.40E-04	1.58E-03	0.00E+00	6.41E-07	1.72E-03	4.5E-06	2.1E-06	1.1E-06	1.1E-06	4.3E-07	7.4E-08	4.3E-08	5.4E-07	4.5E-07	1.5E-06
789	UCART1	593527.59, 4123639.92	6.12E-03	2.62E-03	1.49E-03	1.02E-02	1.20E-04	1.28E-03	0.00E+00	7.17E-07	1.40E-03	4.1E-06	1.7E-06	9.8E-07	9.3E-07	3.8E-07	6.1E-08	3.7E-08	4.8E-07	3.6E-07	1.3E-06
790	UCART1	593567.59, 4123639.92	5.38E-03	2.20E-03	1.30E-03	8.89E-03	1.04E-04	1.05E-03	0.00E+00	6.53E-07	1.15E-03	3.6E-06	1.5E-06	8.6E-07	7.6E-07	3.4E-07	5.2E-08	3.3E-08	4.2E-07	3.0E-07	1.1E-06
791	UCART1	593607.59, 4123639.92	4.65E-03	1.88E-03	1.14E-03	7.68E-03	9.07E-05	8.73E-04	0.00E+00	5.36E-07	9.65E-04	3.1E-06	1.2E-06	7.6E-07	6.4E-07	2.9E-07	4.4E-08	2.9E-08	3.6E-07	2.5E-07	9.8E-07
792	UCART1	593647.59, 4123639.92	3.95E-03	1.63E-03	1.01E-03	6.59E-03	7.95E-05	7.33E-04	0.00E+00	4.65E-07	8.13E-04	2.6E-06	1.1E-06	6.7E-07	5.4E-07	2.5E-07	3.8E-08	2.5E-08	3.1E-07	2.1E-07	8.3E-07
793	UCART1	593687.59, 4123639.92	3.32E-03	1.42E-03	8.93E-04	5.63E-03	7.05E-05	6.24E-04	0.00E+00	4.08E-07	6.95E-04	2.2E-06	9.4E-07	5.9E-07	4.6E-07	2.1E-07	3.3E-08	2.2E-08	2.6E-07	1.8E-07	7.1E-07
794	UCART1	593727.59, 4123639.92	2.78E-03	1.25E-03	7.90E-04	4.82E-03	6.27E-05	5.34E-04	0.00E+00	3.42E-07	5.97E-04	1.8E-06	8.3E-07	5.2E-07	4.0E-07	1.7E-07	2.9E-08	2.0E-08	2.2E-07	1.6E-07	6.0E-07
795	UCART1	593767.59, 4123639.92	2.34E-03	1.10E-03	7.03E-04	4.15E-03	5.61E-05	4.61E-04	0.00E+00	2.89E-07	5.18E-04	1.6E-06	7.3E-07	4.6E-07	3.4E-07	1.5E-07	2.6E-08	1.8E-08	1.9E-07	1.3E-07	5.1E-07
796	UCART1	593807.59, 4123639.92	1.99E-03	9.81E-04	6.28E-04	3.60E-03	5.03E-05	4.01E-04	0.00E+00	2.47E-07	4.51E-04	1.3E-06	6.5E-07	4.2E-07	3.0E-07	1.2E-07	2.3E-08	1.6E-08	1.6E-07	1.2E-07	4.4E-07
797	UCART1	593847.59, 4123639.92	1.70E-03	8.76E-04	5.66E-04	3.14E-03	4.55E-05	3.52E-04	0.00E+00	2.17E-07	3.97E-04	1.1E-06	5.8E-07	3.7E-07	2.6E-07	1.1E-07	2.0E-08	1.4E-08	1.4E-07	1.0E-07	3.9E-07
798	UCART1	593887.59, 4123639.92	1.46E-03	7.84E-04	5.11E-04	2.76E-03	4.11E-05	3.10E-04	0.00E+00	1.93E-07	3.51E-04	9.7E-07	5.2E-07	3.4E-07	2.3E-07	9.1E-08	1.8E-08	1.3E-08	1.2E-07	9.1E-08	3.4E-07
799	UCART1	593927.59, 4123639.92	1.27E-03	7.06E-04	4.65E-04	2.44E-03	3.75E-05	2.76E-04	0.00E+00	1.73E-07	3.14E-04	8.4E-07	4.7E-07	3.1E-07	2.1E-07	7.9E-08	1.7E-08	1.2E-08	1.1E-07	8.2E-08	3.0E-07
800	UCART1	593967.59, 4123639.92	1.11E-03	6.37E-04	4.24E-04	2.17E-03	3.42E-05	2.48E-04	0.00E+00	1.54E-07	2.82E-04	7.4E-07	4.2E-07	2.8E-07	1.9E-07	6.9E-08	1.5E-08	1.1E-08	9.5E-08	7.3E-08	2.6E-07
801	UCART1	594007.59, 4123639.92	9.81E-04	5.79E-04	3.87E-04	1.95E-03	3.15E-05	2.24E-04	0.00E+00	1.38E-07	2.55E-04	6.5E-07	3.8E-07	2.6E-07	1.7E-07	6.1E-08	1.4E-08	9.7E-09	8.4E-08	6.6E-08	2.4E-07
802	UCART1	593087.59, 4123679.92	3.71E-03	6.22E-03	1.94E-03	1.19E-02	2.77E-04	2.00E-03	0.00E+00	2.01E-07	2.28E-03	2.5E-06	4.1E-06	1.3E-06	1.5E-06	2.3E-07	1.5E-07	4.9E-08	4.3E-07	5.9E-07	1.4E-06
803	UCART1	593127.59, 4123679.92	4.21E-03	6.28E-03	1.98E-03	1.25E-02	2.85E-04	2.30E-03	0.00E+00	2.16E-07	2.58E-03	2.8E-06	4.2E-06	1.3E-06	1.7E-06	2.6E-07	1.5E-07	5.0E-08	4.6E-07	6.7E-07	1.6E-06
804	UCART1	593167.59, 4123679.92	4.72E-03	6.20E-03	2.00E-03	1.29E-02	2.84E-04	2.54E-03	0.00E+00	2.27E-07	2.82E-03	3.1E-06	4.1E-06	1.3E-06	1.9E-06	2.9E-07	1.5E-07	5.0E-08	4.9E-07	7.3E-07	1.7E-06
805	UCART1	593207.59, 4123679.92	5.17E-03	6.07E-03	1.99E-03	1.32E-02	2.77E-04	2.67E-03	0.00E+00	2.38E-07	2.95E-03	3.4E-06	4.0E-06	1.3E-06	2.0E-06	3.2E-07	1.4E-07	5.0E-08	5.1E-07	7.7E-07	1.8E-06
806	UCART1	593247.59, 4123679.92	5.52E-03	5.89E-03	1.96E-03	1.34E-02	2.64E-04	2.68E-03	0.00E+00	2.38E-07	2.95E-03	3.7E-06	3.9E-06	1.3E-06	1.9E-06	3.4E-07	1.4E-07	4.9E-08	5.3E-07	7.7E-07	1.8E-06
807	UCART1	593287.59, 4123679.92	5.77E-03	5.46E-03	1.92E-03	1.31E-02	2.42E-04	2.59E-03	0.00E+00	2.43E-07	2.84E-03	3.8E-06	3.6E-06	1.3E-06	1.9E-06	3.6E-07	1.3E-07	4.8E-08	5.4E-07	7.4E-07	1.8E-06
808	UCART1	593327.59, 4123679.92	5.87E-03	4.78E-03	1.85E-03	1.25E-02	2.13E-04	2.44E-03	0.00E+00	2.47E-07	2.65E-03	3.9E-06	3.2E-06	1.2E-06	1.8E-06	3.7E-07	1.1E-07	4.7E-08	5.2E-07	6.9E-07	1.7E-06
809	UCART1	593367.59, 4123679.92	5.82E-03	4.03E-03	1.76E-03	1.16E-02	1.82E-04	2.15E-03	0.00E+00	2.70E-07	2.34E-03	3.9E-06	2.7E-06	1.2E-06	1.5E-06	3.6E-07	9.4E-08	4.4E-08	5.0E-07	6.1E-07	1.6E-06
810	UCART1	593407.59, 4123679.92	5.61E-03	3.39E-03	1.64E-03	1.06E-02	1.53E-04	1.78E-03	0.00E+00	3.49E-07	1.93E-03	3.7E-06	2.2E-06	1.1E-06	1.3E-06	3.5E-07	7.9E-08	4.1E-08	4.7E-07	5.0E-07	1.4E-06
811	UCART1	593447.59, 4123679.92	5.28E-03	2.93E-03	1.50E-03	9.71E-03	1.31E-04	1.43E-03	0.00E+00	4.85E-07	1.56E-03	3.5E-06	1.9E-06	9.9E-07	1.0E-06	3.3E-07	6.9E-08	3.8E-08	4.4E-07	4.1E-07	1.3E-06
812	UCART1	593487.59, 4123679.92	4.86E-03	2.52E-03	1.34E-03	8.72E-03	1.13E-04	1.17E-03	0.00E+00	5.90E-07	1.29E-03	3.2E-06	1.7E-06	8.9E-07	8.5E-07	3.0E-07	5.9E-08	3.4E-08	4.0E-07	3.3E-07	1.1E-06
813	UCART1	593527.59, 4123679.92	4.41E-03	2.14E-03	1.19E-03	7.74E-03	9.92E-05	9.86E-04	0.00E+00	6.04E-07	1.09E-03	2.9E-06	1.4E-06	7.9E-07	7.2E-07	2.7E-07	5.0E-08	3.0E-08	3.5E-07	2.8E-07	9.9E-07
814	UCART1	593567.59, 4123679.92	3.93E-03	1.83E-03	1.06E-03	6.81E-03	8.73E-05	8.33E-04	0.00E+00	5.24E-07	9.21E-04	2.6E-06	1.2E-06	7.0E-07	6.1E-07	2.4E-07	4.3E-08	2.7E-08	3.1E-07	2.4E-07	8.7E-07

815	UCART1	593607.59, 4123679.92	3.45E-03	1.59E-03	9.45E-04	5.98E-03	7.75E-05	7.12E-04	0.00E+00	4.39E-07	7.89E-04	2.3E-06	1.1E-06	6.2E-07	5.2E-07	2.2E-07	3.7E-08	2.4E-08	2.8E-07	2.1E-07	7.6E-07
816	UCART1	593647.59, 4123679.92	2.99E-03	1.40E-03	8.47E-04	5.23E-03	6.91E-05	6.13E-04	0.00E+00	3.86E-07	6.83E-04	2.0E-06	9.2E-07	5.6E-07	4.5E-07	1.9E-07	3.3E-08	2.1E-08	2.4E-07	1.8E-07	6.6E-07
817	UCART1	593687.59, 4123679.92	2.57E-03	1.24E-03	7.60E-04	4.57E-03	6.20E-05	5.33E-04	0.00E+00	3.47E-07	5.95E-04	1.7E-06	8.2E-07	5.0E-07	3.9E-07	1.6E-07	2.9E-08	1.9E-08	2.1E-07	1.5E-07	5.7E-07
818	UCART1	593727.59, 4123679.92	2.21E-03	1.11E-03	6.83E-04	4.00E-03	5.59E-05	4.66E-04	0.00E+00	2.99E-07	5.22E-04	1.5E-06	7.4E-07	4.5E-07	3.5E-07	1.4E-07	2.6E-08	1.7E-08	1.8E-07	1.4E-07	5.0E-07
819	UCART1	593767.59, 4123679.92	1.91E-03	9.99E-04	6.13E-04	3.52E-03	5.05E-05	4.10E-04	0.00E+00	2.51E-07	4.60E-04	1.3E-06	6.6E-07	4.1E-07	3.0E-07	1.2E-07	2.3E-08	1.5E-08	1.6E-07	1.2E-07	4.4E-07
820	UCART1	593807.59, 4123679.92	1.66E-03	9.00E-04	5.53E-04	3.11E-03	4.58E-05	3.61E-04	0.00E+00	2.10E-07	4.07E-04	1.1E-06	6.0E-07	3.7E-07	2.7E-07	1.0E-07	2.1E-08	1.4E-08	1.4E-07	1.1E-07	3.8E-07
821	UCART1	593847.59, 4123679.92	1.45E-03	8.15E-04	5.02E-04	2.76E-03	4.17E-05	3.21E-04	0.00E+00	1.84E-07	3.63E-04	9.6E-07	5.4E-07	3.3E-07	2.4E-07	9.0E-08	1.9E-08	1.3E-08	1.2E-07	9.4E-08	3.4E-07
822	UCART1	593887.59, 4123679.92	1.27E-03	7.38E-04	4.58E-04	2.46E-03	3.80E-05	2.85E-04	0.00E+00	1.64E-07	3.24E-04	8.4E-07	4.9E-07	3.0E-07	2.1E-07	7.9E-08	1.7E-08	1.2E-08	1.1E-07	8.4E-08	3.0E-07
823	UCART1	593927.59, 4123679.92	1.12E-03	6.71E-04	4.21E-04	2.21E-03	3.49E-05	2.57E-04	0.00E+00	1.49E-07	2.92E-04	7.4E-07	4.4E-07	2.8E-07	1.9E-07	7.0E-08	1.6E-08	1.1E-08	9.6E-08	7.6E-08	2.7E-07
824	UCART1	593967.59, 4123679.92	9.92E-04	6.11E-04	3.87E-04	1.99E-03	3.21E-05	2.31E-04	0.00E+00	1.35E-07	2.64E-04	6.6E-07	4.0E-07	2.6E-07	1.7E-07	6.2E-08	1.4E-08	9.7E-09	8.6E-08	6.9E-08	2.4E-07
825	UCART1	594007.59, 4123679.92	8.86E-04	5.58E-04	3.57E-04	1.80E-03	2.97E-05	2.10E-04	0.00E+00	1.21E-07	2.40E-04	5.9E-07	3.7E-07	2.4E-07	1.6E-07	5.5E-08	1.3E-08	9.0E-09	7.7E-08	6.2E-08	2.2E-07
826	UCART1	593087.59, 4123719.92	3.38E-03	4.73E-03	1.63E-03	9.75E-03	2.22E-04	1.72E-03	0.00E+00	1.70E-07	1.94E-03	2.2E-06	3.1E-06	1.1E-06	1.3E-06	2.1E-07	1.1E-07	4.1E-08	3.6E-07	5.0E-07	1.2E-06
827	UCART1	593127.59, 4123719.92	3.72E-03	4.64E-03	1.64E-03	1.00E-02	2.22E-04	1.87E-03	0.00E+00	1.81E-07	2.09E-03	2.5E-06	3.1E-06	1.1E-06	1.4E-06	2.3E-07	1.1E-07	4.1E-08	3.8E-07	5.4E-07	1.3E-06
828	UCART1	593167.59, 4123719.92	4.01E-03	4.53E-03	1.63E-03	1.02E-02	2.18E-04	1.95E-03	0.00E+00	1.81E-07	2.17E-03	2.7E-06	3.0E-06	1.1E-06	1.4E-06	2.5E-07	1.1E-07	4.1E-08	4.0E-07	5.6E-07	1.4E-06
829	UCART1	593207.59, 4123719.92	4.23E-03	4.46E-03	1.61E-03	1.03E-02	2.11E-04	1.96E-03	0.00E+00	1.88E-07	2.18E-03	2.8E-06	3.0E-06	1.1E-06	1.4E-06	2.6E-07	1.0E-07	4.0E-08	4.1E-07	5.7E-07	1.4E-06
830	UCART1	593247.59, 4123719.92	4.38E-03	4.31E-03	1.57E-03	1.03E-02	2.00E-04	1.93E-03	0.00E+00	1.91E-07	2.13E-03	2.9E-06	2.9E-06	1.0E-06	1.4E-06	2.7E-07	1.0E-07	4.0E-08	4.1E-07	5.5E-07	1.4E-06
831	UCART1	593287.59, 4123719.92	4.47E-03	3.97E-03	1.53E-03	9.96E-03	1.84E-04	1.85E-03	0.00E+00	1.94E-07	2.04E-03	3.0E-06	2.6E-06	1.0E-06	1.3E-06	2.8E-07	9.3E-08	3.9E-08	4.1E-07	5.3E-07	1.3E-06
832	UCART1	593327.59, 4123719.92	4.46E-03	3.53E-03	1.48E-03	9.47E-03	1.64E-04	1.73E-03	0.00E+00	2.10E-07	1.90E-03	3.0E-06	2.3E-06	9.8E-07	1.3E-06	2.8E-07	8.2E-08	3.7E-08	4.0E-07	4.9E-07	1.3E-06
833	UCART1	593367.59, 4123719.92	4.36E-03	3.04E-03	1.41E-03	8.81E-03	1.42E-04	1.54E-03	0.00E+00	2.54E-07	1.68E-03	2.9E-06	2.0E-06	9.3E-07	1.1E-06	2.7E-07	7.1E-08	3.5E-08	3.8E-07	4.4E-07	1.2E-06
834	UCART1	593407.59, 4123719.92	4.18E-03	2.60E-03	1.31E-03	8.09E-03	1.23E-04	1.30E-03	0.00E+00	3.65E-07	1.43E-03	2.8E-06	1.7E-06	8.7E-07	9.4E-07	2.6E-07	6.1E-08	3.3E-08	3.5E-07	3.7E-07	1.1E-06
835	UCART1	593447.59, 4123719.92	3.93E-03	2.30E-03	1.21E-03	7.43E-03	1.07E-04	1.08E-03	0.00E+00	4.65E-07	1.19E-03	2.6E-06	1.5E-06	8.0E-07	7.9E-07	2.4E-07	5.4E-08	3.0E-08	3.3E-07	3.1E-07	9.7E-07
836	UCART1	593487.59, 4123719.92	3.63E-03	2.05E-03	1.09E-03	6.77E-03	9.37E-05	9.11E-04	0.00E+00	5.17E-07	1.00E-03	2.4E-06	1.4E-06	7.2E-07	6.6E-07	2.3E-07	4.8E-08	2.7E-08	3.0E-07	2.6E-07	8.7E-07
837	UCART1	593527.59, 4123719.92	3.32E-03	1.79E-03	9.77E-04	6.08E-03	8.32E-05	7.80E-04	0.00E+00	4.89E-07	8.64E-04	2.2E-06	1.2E-06	6.5E-07	5.7E-07	2.1E-07	4.2E-08	2.5E-08	2.7E-07	2.2E-07	7.7E-07
838	UCART1	593567.59, 4123719.92	2.99E-03	1.55E-03	8.78E-04	5.42E-03	7.44E-05	6.77E-04	0.00E+00	4.26E-07	7.51E-04	2.0E-06	1.0E-06	5.8E-07	5.0E-07	1.9E-07	3.6E-08	2.2E-08	2.4E-07	2.0E-07	6.9E-07
839	UCART1	593607.59, 4123719.92	2.66E-03	1.36E-03	7.93E-04	4.81E-03	6.68E-05	5.88E-04	0.00E+00	3.56E-07	6.55E-04	1.8E-06	9.0E-07	5.2E-07	4.3E-07	1.7E-07	3.2E-08	2.0E-08	2.2E-07	1.7E-07	6.1E-07
840	UCART1	593647.59, 4123719.92	2.34E-03	1.20E-03	7.20E-04	4.27E-03	6.04E-05	5.17E-04	0.00E+00	3.19E-07	5.78E-04	1.6E-06	8.0E-07	4.8E-07	3.8E-07	1.5E-07	2.8E-08	1.8E-08	1.9E-07	1.5E-07	5.4E-07
841	UCART1	593687.59, 4123719.92	2.05E-03	1.08E-03	6.55E-04	3.79E-03	5.47E-05	4.57E-04	0.00E+00	2.93E-07	5.12E-04	1.4E-06	7.2E-07	4.3E-07	3.4E-07	1.3E-07	2.5E-08	1.6E-08	1.7E-07	1.3E-07	4.7E-07
842	UCART1	593727.59, 4123719.92	1.80E-03	9.81E-04	5.95E-04	3.37E-03	4.98E-05	4.05E-04	0.00E+00	2.59E-07	4.55E-04	1.2E-06	6.5E-07	3.9E-07	3.0E-07	1.1E-07	2.3E-08	1.5E-08	1.5E-07	1.2E-07	4.2E-07
843	UCART1	593767.59, 4123719.92	1.58E-03	8.95E-04	5.40E-04	3.02E-03	4.55E-05	3.62E-04	0.00E+00	2.21E-07	4.08E-04	1.0E-06	5.9E-07	3.6E-07	2.7E-07	9.9E-08	2.1E-08	1.4E-08	1.3E-07	1.1E-07	3.7E-07
844	UCART1	593807.59, 4123719.92	1.40E-03	8.18E-04	4.91E-04	2.71E-03	4.16E-05	3.24E-04	0.00E+00	1.84E-07	3.66E-04	9.2E-07	5.4E-07	3.3E-07	2.4E-07	8.7E-08	1.9E-08	1.2E-08	1.2E-07	9.5E-08	3.3E-07
845	UCART1	593847.59, 4123719.92	1.24E-03	7.50E-04	4.49E-04	2.44E-03	3.82E-05	2.91E-04	0.00E+00	1.59E-07	3.29E-04	8.2E-07	5.0E-07	3.0E-07	2.2E-07	7.7E-08	1.8E-08	1.1E-08	1.1E-07	8.6E-08	3.0E-07
846	UCART1	593887.59, 4123719.92	1.10E-03	6.87E-04	4.12E-04	2.20E-03	3.51E-05	2.62E-04	0.00E+00	1.41E-07	2.97E-04	7.3E-07	4.5E-07	2.7E-07	2.0E-07	6.9E-08	1.6E-08	1.0E-08	9.5E-08	7.7E-08	2.7E-07
847	UCART1	593927.59, 4123719.92	9.87E-04	6.32E-04	3.81E-04	2.00E-03	3.25E-05	2.38E-04	0.00E+00	1.28E-07	2.70E-04	6.5E-07	4.2E-07	2.5E-07	1.8E-07	6.2E-08	1.5E-08	9.6E-09	8.6E-08	7.0E-08	2.4E-07
848	UCART1	593967.59, 4123719.92	8.87E-04	5.82E-04	3.53E-04	1.82E-03	3.01E-05	2.16E-04	0.00E+00	1.17E-07	2.46E-04	5.9E-07	3.8E-07	2.3E-07	1.6E-07	5.5E-08	1.4E-08	8.9E-09	7.8E-08	6.4E-08	2.2E-07
849	UCART1	594007.59, 4123719.92	8.01E-04	5.36E-04	3.29E-04	1.67E-03	2.79E-05	1.97E-04	0.00E+00	1.07E-07	2.25E-04	5.3E-07	3.5E-07	2.2E-07	1.5E-07	5.0E-08	1.3E-08	8.3E-09	7.1E-08	5.9E-08	2.0E-07
850	UCART1	593087.59, 4123759.92	3.02E-03	3.64E-03	1.37E-03	8.03E-03	1.79E-04	1.43E-03	0.00E+00	1.40E-07	1.61E-03	2.0E-06	2.4E-06	9.1E-07	1.1E-06	1.9E-07	8.5E-08	3.5E-08	3.1E-07	4.2E-07	1.0E-06
851	UCART1	593127.59, 4123759.92	3.21E-03	3.54E-03	1.37E-03	8.11E-03	1.76E-04	1.49E-03	0.00E+00	1.46E-07	1.67E-03	2.1E-06	2.3E-06	9.0E-07	1.1E-06	2.0E-07	8.3E-08	3.4E-08	3.2E-07	4.3E-07	1.1E-06
852	UCART1	593167.59, 4123759.92	3.36E-03	3.48E-03	1.35E-03	8.18E-03	1.72E-04	1.51E-03	0.00E+00	1.50E-07	1.68E-03	2.2E-06	2.3E-06	8.9E-07	1.1E-06	2.1E-07	8.1E-08	3.4E-08	3.2E-07	4.4E-07	1.1E-06
853	UCART1	593207.59, 4123759.92	3.47E-03	3.44E-03	1.32E-03	8.22E-03	1.66E-04	1.48E-03	0.00E+00	1.52E-07	1.65E-03	2.3E-06	2.3E-06	8.7E-07	1.1E-06	2.2E-07	8.0E-08	3.3E-08	3.3E-07	4.3E-07	1.1E-06
854	UCART1	593247.59, 4123759.92	3.52E-03	3.29E-03	1.29E-03	8.10E-03	1.57E-04	1.44E-03	0.00E+00	1.55E-07	1.60E-03	2.3E-06	2.2E-06	8.5E-07	1.1E-06	2.2E-07	7.7E-08	3.2E-08	3.3E-07	4.2E-07	1.1E-06
855	UCART1	593287.59, 4123759.92	3.52E-03	3.02E-03	1.25E-03	7.79E-03	1.45E-04	1.39E-03	0.00E+00	1.66E-07	1.54E-03	2.3E-06	2.0E-06	8.3E-07	1.0E-06	2.2E-07	7.1E-08	3.2E-08	3.2E-07	4.0E-07	1.0E-06
856	UCART1	593327.59, 4123759.92	3.48E-03	2.72E-03	1.21E-03	7.40E-03	1.30E-04	1.30E-03	0.00E+00	1.97E-07	1.43E-03	2.3E-06	1.8E-06	8.0E-07	9.4E-07	2.2E-07	6.4E-08	3.0E-08	3.1E-07	3.7E-07	9.9E-07
857	UCART1	593367.59, 4123759.92	3.37E-03	2.39E-03	1.15E-03	6.91E-03	1.15E-04	1.16E-03	0.00E+00	2.69E-07	1.27E-03	2.2E-06	1.6E-06	7.6E-07	8.4E-07	2.1E-07	5.6E-08	2.9E-08	3.0E-07	3.3E-07	9.2E-07
858	UCART1	593407.59, 4123759.92	3.22E-03	2.06E-03	1.08E-03	6.36E-03	1.01E-04	1.00E-03	0.00E+00	3.61E-07	1.10E-03	2.1E-06	1.4E-06	7.1E-07	7.3E-07	2.0E-07	4.8E-08	2.7E-08	2.8E-07	2.9E-07	8.4E-07
859	UCART1	593447.59, 4123759.92	3.03E-03	1.84E-03	9.93E-04	5.87E-03	8.85E-05	8.50E-04	0.00E+00	4.22E-07	9.39E-04	2.0E-06	1.2E-06	6.6E-07	6.2E-07	1.9E-07	4.3E-08	2.5E-08	2.6E-07	2.4E-07	7.6E-07
860	UCART1	593487.59, 4123759.92	2.82E-03	1.69E-03	9.04E-04	5.40E-03	7.89E-05	7.28E-04	0.00E+00	4.40E-07	8.08E-04	1.9E-06	1.1E-06	6.0E-07	5.3E-07	1.8E-07	3.9E-08	2.3E-08	2.4E-07	2.1E-07	6.9E-07
861	UCART1	593527.59, 4123759.92	2.59E-03	1.51E-03	8.18E-04	4.92E-03	7.09E-05	6.34E-04	0.00E+00	4.04E-07	7.05E-04	1.7E-06	1.0E-06	5.4E-07	4.7E-07	1.6E-07	3.5E-08	2.1E-08	2.2E-07	1.8E-07	6.2E-07
862	UCART1	593567.59, 4123759.92	2.35E-03	1.34E-03	7.42E-04	4.43E-03	6.42E-05	5.59E-04	0.00E+00	3.49E-07	6.24E-04	1.6E-06	8.9E-07	4.9E-07	4.1E-07	1.5E-07	3.1E-08	1.9E-08	2.0E-07	1.6E-07	5.6E-07
863	UCART1	593607.59, 4123759.92	2.12E-03	1.18E-03	6.76E-04	3.97E-03	5.82E-05	4.95E-04	0.00E+00	2.95E-07	5.54E-04	1.4E-06	7.8E-07	4.5E-07	3.7E-07	1.3E-07	2.8E-08	1.7E-08	1.8E-07	1.4E-07	5.0E-07
864	UCART1	593647.59, 4123759.92	1.89E-03	1.05E-03	6.20E-04	3.56E-03	5.30E-05	4.40E-04	0.00E+00	2.64E-07	4.93E-04	1.3E-06	6.9E-07	4.1E-07	3.3E-07	1.2E-07	2.5E-08	1.6E-08	1.6E-07	1.3E-07	4.4E-07
865	UCART1	593687.59, 4123759.92	1.68E-03	9.48E-04	5.70E-04	3.20E-03	4.86E-05	3.94E-04	0.00E+00	2.45E-07	4.43E-04	1.1E-06	6.3E-07	3.8E-07	2.9E-07	1.0E-07	2.2E-08	1.4E-08	1.4E-07	1.2E-07	4.0E-07
866	UCART1	593727.59, 4123759.92	1.49E-03	8.66E-04	5.24E-04	2.88E-03	4.45E-05	3.54E-04	0.00E+00	2.25E-07	3.99E-04	9.9E-07	5.7E-07	3.5E-07	2.6E-07	9.3E-08	2.0E-08	1.3E-08	1.3E-07	1.0E-07	3.6E-07
867	UCART1	593767.59, 4123759.92	1.33E-03	7.98E-04	4.80E-04	2.61E-03	4.10E-05	3.20E-04	0.00E+00	1.95E-07	3.61E-04	8.8E-07	5.3E-07	3.2E-07	2.4E-07	8.3E-08	1.9E-08	1.2E-08	1.1E-07	9.4E-08	3.2E-07
868	UCART1	593807.59, 4123759.92	1.19E-03	7.37E-04	4.40E-04	2.37E-03	3.78E-05	2.89E-04	0.00E+00	1.64E-07	3.27E-04	7.9E-07	4.9E-07	2.9E-07	2.2E-07	7.4E-08	1.7E-08	1.1E-08	1.0E-07	8.5E-08	2.9E-07
869	UCART1	593847.59, 4123759.92	1.07E-03	6.83E-04	4.04E-04	2.16E-03	3.50E-05	2.63E-04	0.00E+00	1.39E-07	2.98E-04	7.1E-07	4.5E-07	2.7E-07	2.0E-07	6.7E-08	1.6E-08	1.0E-08	9.3E-08	7.7E-08	2.6E-07
870	UCART1	593887.59, 4123759.92	9.70E-04	6.35E-04	3.73E-04	1.98E-03	3.25E-05	2.40E-04	0.00E+00	1.23E-07	2.73E-04	6.4E-07	4.2E-07	2.5E-07	1.8E-07	6.0E-08	1.5E-08	9.4E-09	8.5E-08	7.1E-08	2.4E-07
871	UCART1	593927.59, 4123759.92	8.77E-04	5.90E-04	3.46E-04	1.81E-03	3.02E-05	2.20E-04	0.00E+00	1.11E-07	2.50E-04	5.8E-07	3.9E-07	2.3E-07	1.7E-07	5.5E-08	1.4E-08	8.7E-09	7.7E-08	6.5E-08	2.2E-07
872	UCART1	593967.59, 4123759.92	7.95E-04	5.48E-04	3.23E-04	1.67E-03	2.81E-05	2.01E-04	0.00E+00	1.02E-07	2.29E-04	5.3E-07	3.6E-07	2.1E-07	1.5E-07	5.0E-08	1.3E-08	8.1E-09	7.1E-08	6.0E-08	2.0E-07
873	UCART1	594007.59, 4123759.92	7.25E-04	5.10E-04	3.02E-04	1.54E-03	2.63E-05	1.85E-04	0.00E+00	9.49E-08	2.11E-04	4.8E-07	3.4E-07	2.0E-07	1.4E-07	4.5E-08	1.2E-08	7.6E-09	6.5E-08	5.5E-08	1.8E-07
874	UCART1	593087.59, 4123799.92	2.64E-03	2.86E-03	1.16E-03	6.67E-03	1.46E-04	1.18E-03	0.00E+00	1.20E-07	1.33E-03	1.7E-06	1.9E-06	7.7E-07	8.8E-07	1.6E-07	6.7E-08	2.9E-08	2.6E-07	3.5E-07	8.7E-07
875	UCART1	593127.59, 4123799.92	2.75E-03	2.79E-03	1.15E-03	6.69E-03	1.43E-04	1.20E-03	0.00E+00	1.22E-07	1.34E-03	1.8E-06	1.8E-06	7.6E-07	8.9E-07	1.7E-07	6.5E-08	2.9E-08	2.7E-07	3.5E-07	8.8E-07
876	UCART1	593167.59, 4123799.92	2.82E-03	2.77E-03	1.12E-03	6.72E-03	1.40E-04	1.18E-03	0.00E+00	1.23E-07	1.32E-03	1.9E-06	1.8E-06	7.4E-07	8.8E-07	1.8E-07	6.5E-08	2.8E-08	2.7E-07	3.4E-07	8.8E-07
877	UCART1	593207.59, 4123799.92	2.86E-03	2.74E-03	1.10E-03	6.69E-03	1.35E-04	1.16E-03	0.00E+00	1.25E-07	1.29E-03	1.9E-06	1.8E-06	7.3E-07	8.5E-07	1.8E-07	6.4E-08	2.8E-08	2.7E-07	3.4E-07	8.8E-07
878	UCART1	593247.59, 4123799.92	2.86E-03	2.60E-03	1.08E-03	6.53E-03	1.27E-04	1.12E-03	0.00E+00	1.31E-07	1.25E-03	1.9E-06	1.7E-06	7.1E-07	8.3E-07	1.8E-07	6.1E-08	2.7E-08	2.7E-07	3.3E-07	8.6E-07
879	UCART1	593287.59, 4123799.92	2.83E-03	2.37E-03	1.05E-03	6.25E-03	1.18E-04	1.08E-03	0.00E+00	1.56E-07	1.20E-03	1.9E-06	1.6E-06	6.9E-07	7.9E-07	1.8E-07	5.6E-08	2.6E-08	2.6E-07	3.1E-07	8.3E-07
880	UCART1	593327.59, 4123799.92	2.77E-03	2.16E-03	1.01E-03	5.94E-03	1.07E-04	1.01E-03	0.00E+00	2.08E-07	1.11E-03	1.8E-06	1.4E-06	6.7E-07	7.4E-07	1.7E-07	5.1E-08	2.5E-08	2.5E-07	2.9E-07	7.9E-07
881	UCART1	593367.59, 4123799.92	2.68E-03	1.93E-03	9.60E-04	5.57E-03	9.49E-05	9.03E-04	0.00E+00	2.79E-07	9.98E-04	1.8E-06	1.3E-06	6.4E-07	6.6E-07	1.7E-07	4.5E-08	2.4E-08	2.4E-07	2.6E-07	7.3E-07
882	UCART1	593407.59, 4123799.92	2.55E-03	1.69E-03	9.01E-04	5.14E-03	8.43E-05	7.92E-04	0.00E+00	3.42E-07	8.77E-04	1.7E-06	1.1E-06	6.0E-07	5.8E-07	1.6E-07	3.9E-08	2.3E-08	2.2E-07	2.3E-07	6.7E-07
883	UCART1	593447.59, 4123799.92	2.41E-03	1.51E-03	8.33E-04	4.75E-03	7.51E-05	6.87E-04	0.00E+00	3.75E-07	7.62E-04	1.6E-06	1.0E-06	5.5E-07	5.0E-07	1.5E-07	3.5E-08	2.1E-08	2.1E-07	2.0E-07	6.1E-07

884	UCART1	593487.59, 4123799.92	2.25E-03	1.40E-03	7.63E-04	4.41E-03	6.75E-05	5.96E-04	0.00E+00	3.63E-07	6.64E-04	1.5E-06	9.3E-07	5.1E-07	4.4E-07	1.4E-07	3.3E-08	1.9E-08	1.9E-07	1.7E-07	5.6E-07
885	UCART1	593527.59, 4123799.92	2.08E-03	1.29E-03	6.96E-04	4.07E-03	6.12E-05	5.26E-04	0.00E+00	3.30E-07	5.88E-04	1.4E-06	8.6E-07	4.6E-07	3.9E-07	1.3E-07	3.0E-08	1.8E-08	1.8E-07	1.5E-07	5.1E-07
886	UCART1	593567.59, 4123799.92	1.90E-03	1.17E-03	6.36E-04	3.71E-03	5.59E-05	4.69E-04	0.00E+00	2.86E-07	5.26E-04	1.3E-06	7.7E-07	4.2E-07	3.5E-07	1.2E-07	2.7E-08	1.6E-08	1.6E-07	1.4E-07	4.6E-07
887	UCART1	593607.59, 4123799.92	1.73E-03	1.04E-03	5.84E-04	3.36E-03	5.13E-05	4.22E-04	0.00E+00	2.44E-07	4.74E-04	1.1E-06	6.9E-07	3.9E-07	3.1E-07	1.1E-07	2.4E-08	1.5E-08	1.5E-07	1.2E-07	4.2E-07
888	UCART1	593647.59, 4123799.92	1.56E-03	9.32E-04	5.39E-04	3.03E-03	4.70E-05	3.80E-04	0.00E+00	2.20E-07	4.27E-04	1.0E-06	6.2E-07	3.6E-07	2.8E-07	9.7E-08	2.2E-08	1.4E-08	1.3E-07	1.1E-07	3.8E-07
889	UCART1	593687.59, 4123799.92	1.40E-03	8.42E-04	5.00E-04	2.74E-03	4.33E-05	3.43E-04	0.00E+00	2.07E-07	3.86E-04	9.3E-07	5.6E-07	3.3E-07	2.6E-07	8.7E-08	2.0E-08	1.3E-08	1.2E-07	1.0E-07	3.4E-07
890	UCART1	593727.59, 4123799.92	1.26E-03	7.71E-04	4.65E-04	2.50E-03	4.01E-05	3.12E-04	0.00E+00	1.94E-07	3.52E-04	8.3E-07	5.1E-07	3.1E-07	2.3E-07	7.9E-08	1.8E-08	1.2E-08	1.1E-07	9.2E-08	3.1E-07
891	UCART1	593767.59, 4123799.92	1.14E-03	7.12E-04	4.30E-04	2.28E-03	3.71E-05	2.83E-04	0.00E+00	1.73E-07	3.21E-04	7.5E-07	4.7E-07	2.8E-07	2.1E-07	7.1E-08	1.7E-08	1.1E-08	9.8E-08	8.3E-08	2.8E-07
892	UCART1	593807.59, 4123799.92	1.03E-03	6.63E-04	3.97E-04	2.09E-03	3.44E-05	2.59E-04	0.00E+00	1.48E-07	2.94E-04	6.8E-07	4.4E-07	2.6E-07	1.9E-07	6.4E-08	1.6E-08	1.0E-08	9.0E-08	7.6E-08	2.6E-07
893	UCART1	593847.59, 4123799.92	9.39E-04	6.20E-04	3.67E-04	1.93E-03	3.21E-05	2.38E-04	0.00E+00	1.24E-07	2.70E-04	6.2E-07	4.1E-07	2.4E-07	1.8E-07	5.9E-08	1.5E-08	9.2E-09	8.2E-08	7.0E-08	2.3E-07
894	UCART1	593887.59, 4123799.92	8.57E-04	5.82E-04	3.40E-04	1.78E-03	3.00E-05	2.20E-04	0.00E+00	1.09E-07	2.50E-04	5.7E-07	3.8E-07	2.3E-07	1.7E-07	5.3E-08	1.4E-08	8.6E-09	7.6E-08	6.5E-08	2.2E-07
895	UCART1	593927.59, 4123799.92	7.83E-04	5.45E-04	3.17E-04	1.65E-03	2.81E-05	2.02E-04	0.00E+00	9.80E-08	2.30E-04	5.2E-07	3.6E-07	2.1E-07	1.5E-07	4.9E-08	1.3E-08	8.0E-09	7.0E-08	6.0E-08	2.0E-07
896	UCART1	593967.59, 4123799.92	7.16E-04	5.12E-04	2.96E-04	1.52E-03	2.62E-05	1.87E-04	0.00E+00	8.95E-08	2.13E-04	4.7E-07	3.4E-07	2.0E-07	1.4E-07	4.5E-08	1.2E-08	7.5E-09	6.4E-08	5.5E-08	1.8E-07
897	UCART1	594007.59, 4123799.92	6.58E-04	4.81E-04	2.78E-04	1.42E-03	2.46E-05	1.73E-04	0.00E+00	8.32E-08	1.98E-04	4.4E-07	3.2E-07	1.8E-07	1.3E-07	4.1E-08	1.1E-08	7.0E-09	5.9E-08	5.1E-08	1.7E-07
898	UCART1	593087.59, 4123839.92	2.30E-03	2.31E-03	9.92E-04	5.60E-03	1.21E-04	9.75E-04	0.00E+00	1.00E-07	1.10E-03	1.5E-06	1.5E-06	6.6E-07	7.3E-07	1.4E-07	5.4E-08	2.5E-08	2.2E-07	2.9E-07	7.3E-07
899	UCART1	593127.59, 4123839.92	2.35E-03	2.28E-03	9.73E-04	5.60E-03	1.19E-04	9.69E-04	0.00E+00	1.01E-07	1.09E-03	1.6E-06	1.5E-06	6.4E-07	7.2E-07	1.5E-07	5.3E-08	2.4E-08	2.2E-07	2.8E-07	7.3E-07
900	UCART1	593167.59, 4123839.92	2.37E-03	2.27E-03	9.53E-04	5.60E-03	1.16E-04	9.51E-04	0.00E+00	1.03E-07	1.07E-03	1.6E-06	1.5E-06	6.3E-07	7.1E-07	1.5E-07	5.3E-08	2.4E-08	2.3E-07	2.8E-07	7.3E-07
901	UCART1	593207.59, 4123839.92	2.37E-03	2.23E-03	9.33E-04	5.54E-03	1.11E-04	9.27E-04	0.00E+00	1.07E-07	1.04E-03	1.6E-06	1.5E-06	6.2E-07	6.9E-07	1.5E-07	5.2E-08	2.3E-08	2.2E-07	2.7E-07	7.2E-07
902	UCART1	593247.59, 4123839.92	2.35E-03	2.10E-03	9.12E-04	5.36E-03	1.05E-04	9.00E-04	0.00E+00	1.24E-07	1.01E-03	1.6E-06	1.4E-06	6.0E-07	6.7E-07	1.5E-07	4.9E-08	2.3E-08	2.2E-07	2.6E-07	7.0E-07
903	UCART1	593287.59, 4123839.92	2.31E-03	1.92E-03	8.87E-04	5.12E-03	9.75E-05	8.62E-04	0.00E+00	1.55E-07	9.59E-04	1.5E-06	1.3E-06	5.9E-07	6.3E-07	1.4E-07	4.5E-08	2.2E-08	2.1E-07	2.5E-07	6.7E-07
904	UCART1	593327.59, 4123839.92	2.25E-03	1.77E-03	8.55E-04	4.88E-03	8.89E-05	8.03E-04	0.00E+00	2.11E-07	8.92E-04	1.5E-06	1.2E-06	5.7E-07	5.9E-07	1.4E-07	4.1E-08	2.2E-08	2.0E-07	2.3E-07	6.4E-07
905	UCART1	593367.59, 4123839.92	2.17E-03	1.61E-03	8.14E-04	4.59E-03	8.01E-05	7.26E-04	0.00E+00	2.72E-07	8.06E-04	1.4E-06	1.1E-06	5.4E-07	5.3E-07	1.4E-07	3.8E-08	2.0E-08	1.9E-07	2.1E-07	6.0E-07
906	UCART1	593407.59, 4123839.92	2.08E-03	1.41E-03	7.65E-04	4.25E-03	7.18E-05	6.44E-04	0.00E+00	3.10E-07	7.16E-04	1.4E-06	9.3E-07	5.1E-07	4.7E-07	1.3E-07	3.3E-08	1.9E-08	1.8E-07	1.9E-07	5.5E-07
907	UCART1	593447.59, 4123839.92	1.96E-03	1.26E-03	7.11E-04	3.94E-03	6.46E-05	5.67E-04	0.00E+00	3.24E-07	6.32E-04	1.3E-06	8.4E-07	4.7E-07	4.2E-07	1.2E-07	3.0E-08	1.8E-08	1.7E-07	1.6E-07	5.0E-07
908	UCART1	593487.59, 4123839.92	1.84E-03	1.18E-03	6.55E-04	3.67E-03	5.85E-05	4.99E-04	0.00E+00	3.07E-07	5.57E-04	1.2E-06	7.8E-07	4.3E-07	3.7E-07	1.1E-07	2.8E-08	1.6E-08	1.6E-07	1.4E-07	4.6E-07
909	UCART1	593527.59, 4123839.92	1.71E-03	1.11E-03	6.01E-04	3.42E-03	5.35E-05	4.44E-04	0.00E+00	2.75E-07	4.98E-04	1.1E-06	7.4E-07	4.0E-07	3.3E-07	1.1E-07	2.6E-08	1.5E-08	1.5E-07	1.3E-07	4.2E-07
910	UCART1	593567.59, 4123839.92	1.57E-03	1.03E-03	5.52E-04	3.15E-03	4.92E-05	4.00E-04	0.00E+00	2.36E-07	4.50E-04	1.0E-06	6.8E-07	3.7E-07	3.0E-07	9.8E-08	2.4E-08	1.4E-08	1.4E-07	1.2E-07	3.9E-07
911	UCART1	593607.59, 4123839.92	1.44E-03	9.31E-04	5.10E-04	2.88E-03	4.54E-05	3.64E-04	0.00E+00	2.05E-07	4.09E-04	9.5E-07	6.2E-07	3.4E-07	2.7E-07	9.0E-08	2.2E-08	1.3E-08	1.2E-07	1.1E-07	3.6E-07
912	UCART1	593647.59, 4123839.92	1.31E-03	8.38E-04	4.74E-04	2.62E-03	4.20E-05	3.31E-04	0.00E+00	1.85E-07	3.73E-04	8.7E-07	5.5E-07	3.1E-07	2.5E-07	8.2E-08	2.0E-08	1.2E-08	1.1E-07	9.7E-08	3.2E-07
913	UCART1	593687.59, 4123839.92	1.19E-03	7.58E-04	4.43E-04	2.39E-03	3.90E-05	3.01E-04	0.00E+00	1.75E-07	3.41E-04	7.9E-07	5.0E-07	2.9E-07	2.3E-07	7.4E-08	1.8E-08	1.1E-08	1.0E-07	8.9E-08	2.9E-07
914	UCART1	593727.59, 4123839.92	1.08E-03	6.94E-04	4.15E-04	2.19E-03	3.63E-05	2.76E-04	0.00E+00	1.67E-07	3.13E-04	7.2E-07	4.6E-07	2.7E-07	2.1E-07	6.7E-08	1.6E-08	1.0E-08	9.4E-08	8.1E-08	2.7E-07
915	UCART1	593767.59, 4123839.92	9.85E-04	6.42E-04	3.87E-04	2.01E-03	3.37E-05	2.53E-04	0.00E+00	1.53E-07	2.87E-04	6.5E-07	4.2E-07	2.6E-07	1.9E-07	6.1E-08	1.5E-08	9.7E-09	8.6E-08	7.5E-08	2.5E-07
916	UCART1	593807.59, 4123839.92	9.02E-04	5.99E-04	3.60E-04	1.86E-03	3.15E-05	2.34E-04	0.00E+00	1.34E-07	2.65E-04	6.0E-07	4.0E-07	2.4E-07	1.8E-07	5.6E-08	1.4E-08	9.1E-09	7.9E-08	6.9E-08	2.3E-07
917	UCART1	593847.59, 4123839.92	8.28E-04	5.63E-04	3.35E-04	1.73E-03	2.95E-05	2.16E-04	0.00E+00	1.14E-07	2.46E-04	5.5E-07	3.7E-07	2.2E-07	1.6E-07	5.2E-08	1.3E-08	8.4E-09	7.3E-08	6.4E-08	2.1E-07
918	UCART1	593887.59, 4123839.92	7.62E-04	5.31E-04	3.12E-04	1.60E-03	2.77E-05	2.00E-04	0.00E+00	9.80E-08	2.28E-04	5.0E-07	3.5E-07	2.1E-07	1.5E-07	4.8E-08	1.2E-08	7.8E-09	6.8E-08	5.9E-08	1.9E-07
919	UCART1	593927.59, 4123839.92	7.02E-04	5.01E-04	2.91E-04	1.49E-03	2.60E-05	1.86E-04	0.00E+00	8.71E-08	2.12E-04	4.6E-07	3.3E-07	1.9E-07	1.4E-07	4.4E-08	1.2E-08	7.3E-09	6.3E-08	5.5E-08	1.8E-07
920	UCART1	593967.59, 4123839.92	6.47E-04	4.74E-04	2.73E-04	1.39E-03	2.45E-05	1.73E-04	0.00E+00	7.93E-08	1.97E-04	4.3E-07	3.1E-07	1.8E-07	1.3E-07	4.0E-08	1.1E-08	6.9E-09	5.8E-08	5.1E-08	1.7E-07
921	UCART1	594007.59, 4123839.92	5.99E-04	4.49E-04	2.57E-04	1.30E-03	2.31E-05	1.61E-04	0.00E+00	7.31E-08	1.84E-04	4.0E-07	3.0E-07	1.7E-07	1.2E-07	3.7E-08	1.1E-08	6.5E-09	5.4E-08	4.8E-08	1.6E-07
922	UCART1	593087.59, 4123879.92	1.99E-03	1.92E-03	8.53E-04	4.76E-03	1.03E-04	8.09E-04	0.00E+00	8.40E-08	9.12E-04	1.3E-06	1.3E-06	5.6E-07	6.0E-07	1.2E-07	4.5E-08	2.1E-08	1.9E-07	2.4E-07	6.2E-07
923	UCART1	593127.59, 4123879.92	2.01E-03	1.91E-03	8.36E-04	4.75E-03	1.00E-04	7.97E-04	0.00E+00	8.56E-08	8.97E-04	1.3E-06	1.3E-06	5.5E-07	5.9E-07	1.3E-07	4.5E-08	2.1E-08	1.9E-07	2.3E-07	6.2E-07
924	UCART1	593167.59, 4123879.92	2.01E-03	1.91E-03	8.18E-04	4.73E-03	9.77E-05	7.79E-04	0.00E+00	8.87E-08	8.77E-04	1.3E-06	1.3E-06	5.4E-07	5.8E-07	1.3E-07	4.5E-08	2.1E-08	1.9E-07	2.3E-07	6.1E-07
925	UCART1	593207.59, 4123879.92	1.99E-03	1.85E-03	8.02E-04	4.65E-03	9.39E-05	7.61E-04	0.00E+00	1.00E-07	8.55E-04	1.3E-06	1.2E-06	5.3E-07	5.7E-07	1.2E-07	4.3E-08	2.0E-08	1.9E-07	2.2E-07	6.0E-07
926	UCART1	593247.59, 4123879.92	1.96E-03	1.73E-03	7.84E-04	4.48E-03	8.88E-05	7.39E-04	0.00E+00	1.24E-07	8.28E-04	1.3E-06	1.1E-06	5.2E-07	5.5E-07	1.2E-07	4.0E-08	2.0E-08	1.8E-07	2.2E-07	5.8E-07
927	UCART1	593287.59, 4123879.92	1.92E-03	1.59E-03	7.62E-04	4.27E-03	8.23E-05	7.04E-04	0.00E+00	1.65E-07	7.87E-04	1.3E-06	1.1E-06	5.0E-07	5.2E-07	1.2E-07	3.7E-08	1.9E-08	1.8E-07	2.0E-07	5.6E-07
928	UCART1	593327.59, 4123879.92	1.87E-03	1.48E-03	7.34E-04	4.08E-03	7.54E-05	6.55E-04	0.00E+00	2.15E-07	7.30E-04	1.2E-06	9.8E-07	4.9E-07	4.8E-07	1.2E-07	3.5E-08	1.8E-08	1.7E-07	1.9E-07	5.3E-07
929	UCART1	593367.59, 4123879.92	1.80E-03	1.36E-03	6.99E-04	3.86E-03	6.86E-05	5.97E-04	0.00E+00	2.56E-07	6.66E-04	1.2E-06	9.0E-07	4.6E-07	4.4E-07	1.1E-07	3.2E-08	1.8E-08	1.6E-07	1.7E-07	5.0E-07
930	UCART1	593407.59, 4123879.92	1.72E-03	1.20E-03	6.58E-04	3.58E-03	6.21E-05	5.35E-04	0.00E+00	2.75E-07	5.98E-04	1.1E-06	8.0E-07	4.4E-07	4.0E-07	1.1E-07	2.8E-08	1.7E-08	1.5E-07	1.6E-07	4.6E-07
931	UCART1	593447.59, 4123879.92	1.63E-03	1.08E-03	6.14E-04	3.32E-03	5.63E-05	4.77E-04	0.00E+00	2.71E-07	5.33E-04	1.1E-06	7.1E-07	4.1E-07	3.5E-07	1.0E-07	2.5E-08	1.5E-08	1.4E-07	1.4E-07	4.2E-07
932	UCART1	593487.59, 4123879.92	1.53E-03	1.01E-03	5.69E-04	3.11E-03	5.13E-05	4.24E-04	0.00E+00	2.54E-07	4.76E-04	1.0E-06	6.7E-07	3.8E-07	3.1E-07	9.6E-08	2.4E-08	1.4E-08	1.3E-07	1.2E-07	3.9E-07
933	UCART1	593527.59, 4123879.92	1.43E-03	9.60E-04	5.25E-04	2.91E-03	4.71E-05	3.81E-04	0.00E+00	2.31E-07	4.28E-04	9.5E-07	6.3E-07	3.5E-07	2.8E-07	8.9E-08	2.2E-08	1.3E-08	1.2E-07	1.1E-07	3.6E-07
934	UCART1	593567.59, 4123879.92	1.32E-03	9.04E-04	4.85E-04	2.71E-03	4.36E-05	3.46E-04	0.00E+00	1.98E-07	3.90E-04	8.8E-07	6.0E-07	3.2E-07	2.6E-07	8.3E-08	2.1E-08	1.2E-08	1.2E-07	1.0E-07	3.3E-07
935	UCART1	593607.59, 4123879.92	1.22E-03	8.35E-04	4.50E-04	2.50E-03	4.06E-05	3.17E-04	0.00E+00	1.73E-07	3.58E-04	8.1E-07	5.5E-07	3.0E-07	2.4E-07	7.6E-08	2.0E-08	1.1E-08	1.1E-07	9.3E-08	3.1E-07
936	UCART1	593647.59, 4123879.92	1.12E-03	7.61E-04	4.21E-04	2.30E-03	3.78E-05	2.91E-04	0.00E+00	1.57E-07	3.29E-04	7.4E-07	5.0E-07	2.8E-07	2.2E-07	7.0E-08	1.8E-08	1.1E-08	9.8E-08	8.6E-08	2.8E-07
937	UCART1	593687.59, 4123879.92	1.02E-03	6.91E-04	3.95E-04	2.11E-03	3.52E-05	2.67E-04	0.00E+00	1.50E-07	3.03E-04	6.8E-07	4.6E-07	2.6E-07	2.0E-07	6.4E-08	1.6E-08	9.9E-09	9.0E-08	7.9E-08	2.6E-07
938	UCART1	593727.59, 4123879.92	9.39E-04	6.32E-04	3.72E-04	1.94E-03	3.29E-05	2.46E-04	0.00E+00	1.44E-07	2.80E-04	6.2E-07	4.2E-07	2.5E-07	1.8E-07	5.9E-08	1.5E-08	9.4E-09	8.3E-08	7.3E-08	2.4E-07
939	UCART1	593767.59, 4123879.92	8.63E-04	5.85E-04	3.50E-04	1.80E-03	3.08E-05	2.28E-04	0.00E+00	1.35E-07	2.59E-04	5.7E-07	3.9E-07	2.3E-07	1.7E-07	5.4E-08	1.4E-08	8.8E-09	7.6E-08	6.7E-08	2.2E-07
940	UCART1	593807.59, 4123879.92	7.96E-04	5.46E-04	3.29E-04	1.67E-03	2.90E-05	2.11E-04	0.00E+00	1.21E-07	2.40E-04	5.3E-07	3.6E-07	2.2E-07	1.6E-07	5.0E-08	1.3E-08	8.3E-09	7.1E-08	6.3E-08	2.0E-07
941	UCART1	593847.59, 4123879.92	7.37E-04	5.14E-04	3.08E-04	1.56E-03	2.72E-05	1.97E-04	0.00E+00	1.04E-07	2.24E-04	4.9E-07	3.4E-07	2.0E-07	1.5E-07	4.6E-08	1.2E-08	7.7E-09	6.6E-08	5.8E-08	1.9E-07
942	UCART1	593887.59, 4123879.92	6.82E-04	4.85E-04	2.88E-04	1.46E-03	2.56E-05	1.83E-04	0.00E+00	8.95E-08	2.09E-04	4.5E-07	3.2E-07	1.9E-07	1.4E-07	4.3E-08	1.1E-08	7.2E-09	6.1E-08	5.4E-08	1.8E-07
943	UCART1	593927.59, 4123879.92	6.33E-04	4.60E-04	2.69E-04	1.36E-03	2.42E-05	1.71E-04	0.00E+00	7.86E-08	1.95E-04	4.2E-07	3.0E-07	1.8E-07	1.3E-07	4.0E-08	1.1E-08	6.8E-09	5.7E-08	5.1E-08	1.6E-07
944	UCART1	593967.59, 4123879.92	5.88E-04	4.38E-04	2.53E-04	1.28E-03	2.28E-05	1.60E-04	0.00E+00	7.08E-08	1.83E-04	3.9E-07	2.9E-07	1.7E-07	1.2E-07	3.7E-08	1.0E-08	6.4E-09	5.3E-08	4.7E-08	1.5E-07
945	UCART1	594007.59, 4123879.92	5.47E-04	4.17E-04	2.39E-04	1.20E-03	2.16E-05	1.50E-04	0.00E+00	6.53E-08	1.72E-04	3.6E-07	2.8E-07	1.6E-07	1.1E-07	3.4E-08	9.8E-09	6.0E-09	5.0E-08	4.5E-08	1.4E-07

Worker Risk (Mitigated)

Discrete Receptor ID								Worker Dose				Worker Risk					
	X	Y	X, Y	Phase I Total	Phase II Total	Phase III Total	Total Concentration	Construction I	Construction II	Construction III	Operations	Construction I	Construction II	Construction III	Total Construction	Operations	Total Risk
1	UCART1	592567.59	4122799.92	592567.59, 4122799.92	3.56E-05	3.90E-05	3.34E-05	1.08E-04	2.4E-08	2.6E-08	2.2E-08	3.8E-08	2.2E-09	9.1E-10	5.2E-10	3.7E-09	1.1E-08	1.9E-08
2	UCART1	592607.59	4122799.92	592607.59, 4122799.92	3.71E-05	4.09E-05	3.49E-05	1.13E-04	2.5E-08	2.7E-08	2.3E-08	4.0E-08	2.3E-09	9.6E-10	5.4E-10	3.8E-09	1.2E-08	2.0E-08
3	UCART1	592647.59	4122799.92	592647.59, 4122799.92	3.85E-05	4.28E-05	3.64E-05	1.18E-04	2.5E-08	2.8E-08	2.4E-08	4.2E-08	2.4E-09	1.0E-09	5.7E-10	4.0E-09	1.3E-08	2.1E-08
4	UCART1	592687.59	4122799.92	592687.59, 4122799.92	4.03E-05	4.55E-05	3.83E-05	1.24E-04	2.7E-08	3.0E-08	2.5E-08	4.5E-08	2.5E-09	1.1E-09	6.0E-10	4.2E-09	1.3E-08	2.2E-08
5	UCART1	592727.59	4122799.92	592727.59, 4122799.92	4.20E-05	4.82E-05	4.01E-05	1.30E-04	2.8E-08	3.2E-08	2.7E-08	4.7E-08	2.6E-09	1.1E-09	6.3E-10	4.4E-09	1.4E-08	2.3E-08
6	UCART1	592767.59	4122799.92	592767.59, 4122799.92	4.39E-05	5.15E-05	4.22E-05	1.38E-04	2.9E-08	3.4E-08	2.8E-08	5.0E-08	2.7E-09	1.2E-09	6.6E-10	4.6E-09	1.5E-08	2.4E-08
7	UCART1	592807.59	4122799.92	592807.59, 4122799.92	4.61E-05	5.55E-05	4.45E-05	1.46E-04	3.1E-08	3.7E-08	2.9E-08	5.3E-08	2.9E-09	1.3E-09	6.9E-10	4.9E-09	1.6E-08	2.6E-08
8	UCART1	592847.59	4122799.92	592847.59, 4122799.92	4.81E-05	5.89E-05	4.67E-05	1.54E-04	3.2E-08	3.9E-08	3.1E-08	5.6E-08	3.0E-09	1.4E-09	7.3E-10	5.1E-09	1.7E-08	2.7E-08
9	UCART1	592887.59	4122799.92	592887.59, 4122799.92	5.07E-05	6.32E-05	4.98E-05	1.64E-04	3.4E-08	4.2E-08	3.3E-08	5.9E-08	3.2E-09	1.5E-09	7.8E-10	5.4E-09	1.8E-08	2.9E-08
10	UCART1	592927.59	4122799.92	592927.59, 4122799.92	5.38E-05	6.79E-05	5.34E-05	1.75E-04	3.6E-08	4.5E-08	3.5E-08	6.3E-08	3.4E-09	1.6E-09	8.3E-10	5.8E-09	1.9E-08	3.0E-08
11	UCART1	592967.59	4122799.92	592967.59, 4122799.92	5.70E-05	7.27E-05	5.73E-05	1.87E-04	3.8E-08	4.8E-08	3.8E-08	6.7E-08	3.6E-09	1.7E-09	8.9E-10	6.2E-09	2.0E-08	3.2E-08
12	UCART1	593007.59	4122799.92	593007.59, 4122799.92	6.03E-05	7.71E-05	6.15E-05	1.99E-04	4.0E-08	5.1E-08	4.1E-08	7.0E-08	3.8E-09	1.8E-09	9.6E-10	6.5E-09	2.1E-08	3.4E-08
13	UCART1	593047.59	4122799.92	593047.59, 4122799.92	6.41E-05	8.25E-05	6.63E-05	2.13E-04	4.2E-08	5.5E-08	4.4E-08	7.5E-08	4.0E-09	1.9E-09	1.0E-09	7.0E-09	2.2E-08	3.6E-08
14	UCART1	593087.59	4122799.92	593087.59, 4122799.92	6.80E-05	8.77E-05	7.12E-05	2.27E-04	4.5E-08	5.8E-08	4.7E-08	8.0E-08	4.2E-09	2.1E-09	1.1E-09	7.4E-09	2.4E-08	3.9E-08
15	UCART1	593127.59	4122799.92	593127.59, 4122799.92	7.26E-05	9.32E-05	7.67E-05	2.42E-04	4.8E-08	6.2E-08	5.1E-08	9.2E-08	4.5E-09	2.2E-09	1.2E-09	7.9E-09	2.7E-08	4.3E-08
16	UCART1	593167.59	4122799.92	593167.59, 4122799.92	7.71E-05	9.88E-05	8.28E-05	2.59E-04	5.1E-08	6.5E-08	5.5E-08	9.6E-08	4.8E-09	2.3E-09	1.3E-09	8.4E-09	2.9E-08	4.6E-08
17	UCART1	593207.59	4122799.92	593207.59, 4122799.92	8.29E-05	1.05E-04	9.06E-05	2.78E-04	5.5E-08	6.9E-08	6.0E-08	1.1E-07	5.2E-09	2.5E-09	1.4E-09	9.0E-09	3.2E-08	5.0E-08
18	UCART1	593247.59	4122799.92	593247.59, 4122799.92	8.83E-05	1.11E-04	9.77E-05	2.97E-04	5.8E-08	7.3E-08	6.5E-08	1.1E-07	5.5E-09	2.6E-09	1.5E-09	9.6E-09	3.3E-08	5.3E-08
19	UCART1	593287.59	4122799.92	593287.59, 4122799.92	9.30E-05	1.16E-04	1.04E-04	3.12E-04	6.2E-08	7.7E-08	6.9E-08	1.2E-07	5.8E-09	2.7E-09	1.6E-09	1.0E-08	3.5E-08	5.5E-08
20	UCART1	593327.59	4122799.92	593327.59, 4122799.92	9.85E-05	1.20E-04	1.11E-04	3.29E-04	6.5E-08	7.9E-08	7.3E-08	1.2E-07	6.1E-09	2.8E-09	1.7E-09	1.1E-08	3.6E-08	5.7E-08
21	UCART1	593367.59	4122799.92	593367.59, 4122799.92	1.06E-04	1.23E-04	1.19E-04	3.48E-04	7.0E-08	8.1E-08	7.9E-08	1.3E-07	6.6E-09	2.9E-09	1.9E-09	1.1E-08	3.8E-08	6.0E-08
22	UCART1	593407.59	4122799.92	593407.59, 4122799.92	1.14E-04	1.27E-04	1.27E-04	3.68E-04	7.6E-08	8.4E-08	8.4E-08	1.3E-07	7.1E-09	3.0E-09	2.0E-09	1.2E-08	3.9E-08	6.3E-08
23	UCART1	593447.59	4122799.92	593447.59, 4122799.92	1.20E-04	1.31E-04	1.34E-04	3.85E-04	7.9E-08	8.7E-08	8.9E-08	1.4E-07	7.5E-09	3.1E-09	2.1E-09	1.3E-08	4.1E-08	6.7E-08
24	UCART1	593487.59	4122799.92	593487.59, 4122799.92	1.26E-04	1.36E-04	1.41E-04	4.03E-04	8.3E-08	9.0E-08	9.3E-08	1.5E-07	7.9E-09	3.2E-09	2.2E-09	1.3E-08	4.4E-08	7.0E-08
25	UCART1	593527.59	4122799.92	593527.59, 4122799.92	1.33E-04	1.42E-04	1.50E-04	4.25E-04	8.8E-08	9.4E-08	9.9E-08	1.6E-07	8.3E-09	3.3E-09	2.3E-09	1.4E-08	4.7E-08	7.5E-08
26	UCART1	593567.59	4122799.92	593567.59, 4122799.92	1.41E-04	1.50E-04	1.61E-04	4.52E-04	9.3E-08	9.9E-08	1.1E-07	1.7E-07	8.8E-09	3.5E-09	2.5E-09	1.5E-08	5.0E-08	8.0E-08
27	UCART1	593607.59	4122799.92	593607.59, 4122799.92	1.48E-04	1.62E-04	1.74E-04	4.83E-04	9.8E-08	1.1E-07	1.1E-07	1.8E-07	9.2E-09	3.8E-09	2.7E-09	1.6E-08	5.4E-08	8.6E-08
28	UCART1	593647.59	4122799.92	593647.59, 4122799.92	1.57E-04	1.77E-04	1.89E-04	5.23E-04	1.0E-07	1.2E-07	1.3E-07	1.9E-07	9.8E-09	4.1E-09	3.0E-09	1.7E-08	5.8E-08	9.2E-08
29	UCART1	593687.59	4122799.92	593687.59, 4122799.92	1.65E-04	1.96E-04	2.07E-04	5.68E-04	1.1E-07	1.3E-07	1.4E-07	2.1E-07	1.0E-08	4.6E-09	3.2E-09	1.8E-08	6.2E-08	9.8E-08
30	UCART1	593727.59	4122799.92	593727.59, 4122799.92	1.74E-04	2.17E-04	2.28E-04	6.20E-04	1.2E-07	1.4E-07	1.5E-07	2.2E-07	1.1E-08	5.1E-09	3.6E-09	2.0E-08	6.6E-08	1.1E-07
31	UCART1	593767.59	4122799.92	593767.59, 4122799.92	1.86E-04	2.39E-04	2.52E-04	6.78E-04	1.2E-07	1.6E-07	1.7E-07	2.4E-07	1.2E-08	5.6E-09	3.9E-09	2.1E-08	7.1E-08	1.1E-07
32	UCART1	593807.59	4122799.92	593807.59, 4122799.92	1.99E-04	2.60E-04	2.75E-04	7.35E-04	1.3E-07	1.7E-07	1.8E-07	2.5E-07	1.2E-08	6.1E-09	4.3E-09	2.3E-08	7.6E-08	1.2E-07
33	UCART1	593847.59	4122799.92	593847.59, 4122799.92	2.15E-04	2.79E-04	2.99E-04	7.93E-04	1.4E-07	1.8E-07	2.0E-07	2.7E-07	1.3E-08	6.5E-09	4.7E-09	2.5E-08	8.1E-08	1.3E-07
34	UCART1	593887.59	4122799.92	593887.59, 4122799.92	2.32E-04	2.94E-04	3.19E-04	8.46E-04	1.5E-07	1.9E-07	2.1E-07	2.9E-07	1.5E-08	6.9E-09	5.0E-09	2.6E-08	8.6E-08	1.4E-07
35	UCART1	593927.59	4122799.92	593927.59, 4122799.92	2.50E-04	3.07E-04	3.35E-04	8.93E-04	1.7E-07	2.0E-07	2.2E-07	3.0E-07	1.6E-08	7.2E-09	5.2E-09	2.8E-08	9.0E-08	1.5E-07
36	UCART1	593967.59	4122799.92	593967.59, 4122799.92	2.68E-04	3.16E-04	3.46E-04	9.30E-04	1.8E-07	2.1E-07	2.3E-07	3.2E-07	1.7E-08	7.4E-09	5.4E-09	3.0E-08	9.4E-08	1.5E-07
37	UCART1	594007.59	4122799.92	594007.59, 4122799.92	2.84E-04	3.20E-04	3.51E-04	9.56E-04	1.9E-07	2.1E-07	2.3E-07	3.2E-07	1.8E-08	7.5E-09	5.5E-09	3.1E-08	9.7E-08	1.6E-07
38	UCART1	592567.59	4122839.92	592567.59, 4122839.92	3.77E-05	4.16E-05	3.54E-05	1.15E-04	2.5E-08	2.8E-08	2.3E-08	4.1E-08	2.4E-09	9.7E-10	5.5E-10	3.9E-09	1.2E-08	2.0E-08
39	UCART1	592607.59	4122839.92	592607.59, 4122839.92	3.92E-05	4.39E-05	3.71E-05	1.20E-04	2.6E-08	2.9E-08	2.5E-08	4.3E-08	2.4E-09	1.0E-09	5.8E-10	4.1E-09	1.3E-08	2.1E-08
40	UCART1	592647.59	4122839.92	592647.59, 4122839.92	4.08E-05	4.60E-05	3.89E-05	1.26E-04	2.7E-08	3.0E-08	2.6E-08	4.5E-08	2.5E-09	1.1E-09	6.1E-10	4.2E-09	1.3E-08	2.2E-08
41	UCART1	592687.59	4122839.92	592687.59, 4122839.92	4.26E-05	4.84E-05	4.08E-05	1.32E-04	2.8E-08	3.2E-08	2.7E-08	4.7E-08	2.7E-09	1.1E-09	6.4E-10	4.4E-09	1.4E-08	2.3E-08
42	UCART1	592727.59	4122839.92	592727.59, 4122839.92	4.46E-05	5.15E-05	4.30E-05	1.39E-04	3.0E-08	3.4E-08	2.8E-08	5.0E-08	2.8E-09	1.2E-09	6.7E-10	4.7E-09	1.5E-08	2.4E-08
43	UCART1	592767.59	4122839.92	592767.59, 4122839.92	4.70E-05	5.55E-05	4.56E-05	1.48E-04	3.1E-08	3.7E-08	3.0E-08	5.4E-08	2.9E-09	1.3E-09	7.1E-10	4.9E-09	1.6E-08	2.6E-08
44	UCART1	592807.59	4122839.92	592807.59, 4122839.92	4.92E-05	5.93E-05	4.80E-05	1.56E-04	3.3E-08	3.9E-08	3.2E-08	5.7E-08	3.1E-09	1.4E-09	7.5E-10	5.2E-09	1.7E-08	2.7E-08
45	UCART1	592847.59	4122839.92	592847.59, 4122839.92	5.15E-05	6.34E-05	5.06E-05	1.66E-04	3.4E-08	4.2E-08	3.3E-08	6.0E-08	3.2E-09	1.5E-09	7.9E-10	5.5E-09	1.8E-08	2.9E-08
46	UCART1	592887.59	4122839.92	592887.59, 4122839.92	5.42E-05	6.82E-05	5.38E-05	1.76E-04	3.6E-08	4.5E-08	3.6E-08	6.3E-08	3.4E-09	1.6E-09	8.4E-10	5.8E-09	1.9E-08	3.1E-08
47	UCART1	592927.59	4122839.92	592927.59, 4122839.92	5.78E-05	7.40E-05	5.78E-05	1.90E-04	3.8E-08	4.9E-08	3.8E-08	6.8E-08	3.6E-09	1.7E-09	9.0E-10	6.2E-09	2.0E-08	3.3E-08
48	UCART1	592967.59	4122839.92	592967.59, 4122839.92	6.14E-05	7.98E-05	6.22E-05	2.03E-04	4.1E-08	5.3E-08	4.1E-08	7.2E-08	3.8E-09	1.9E-09	9.7E-10	6.7E-09	2.2E-08	3.5E-08
49	UCART1	593007.59	4122839.92	593007.59, 4122839.92	6.59E-05	8.71E-05	6.79E-05	2.21E-04	4.4E-08	5.8E-08	4.5E-08	7.9E-08	4.1E-09	2.0E-09	1.1E-09	7.2E-09	2.4E-08	3.8E-08
50	UCART1	593047.59	4122839.92	593047.59, 4122839.92	7.09E-05	9.30E-05	7.45E-05	2.38E-04	4.7E-08	6.2E-08	4.9E-08	9.2E-08	4.4E-09	2.2E-09	1.2E-09	7.8E-09	2.7E-08	4.3E-08
51	UCART1	593087.59	4122839.92	593087.59, 4122839.92	7.46E-05	9.85E-05	7.91E-05	2.52E-04	4.9E-08	6.5E-08	5.2E-08	8.9E-08	4.7E-09	2.3E-09	1.2E-09	8.2E-09	2.7E-08	4.3E-08
52	UCART1	593127.59	4122839.92	593127.59, 4122839.92	7.98E-05	1.05E-04	8.60E-05	2.71E-04	5.3E-08	6.9E-08	5.7E-08	1.0E-07	5.0E-09	2.5E-09	1.3E-09	8.8E-09	3.0E-08	4.8E-08
53	UCART1	593167.59	4122839.92	593167.59, 4122839.92	8.58E-05	1.12E-04	9.45E-05	2.92E-04	5.7E-08	7.4E-08	6.3E-08	1.1E-07	5.4E-09	2.6E-09	1.5E-09	9.4E-09	3.4E-08	5.3E-08

54	UCART1	593207.59	4122839.92	593207.59, 4122839.92	9.26E-05	1.20E-04	1.04E-04	3.16E-04	6.1E-08	7.9E-08	6.9E-08	1.2E-07	5.8E-09	2.8E-09	1.6E-09	1.0E-08	3.6E-08	5.6E-08
55	UCART1	593247.59	4122839.92	593247.59, 4122839.92	9.92E-05	1.27E-04	1.12E-04	3.39E-04	6.6E-08	8.4E-08	7.4E-08	1.3E-07	6.2E-09	3.0E-09	1.7E-09	1.1E-08	3.7E-08	5.9E-08
56	UCART1	593287.59	4122839.92	593287.59, 4122839.92	1.06E-04	1.34E-04	1.22E-04	3.62E-04	7.0E-08	8.9E-08	8.1E-08	1.3E-07	6.6E-09	3.1E-09	1.9E-09	1.2E-08	3.9E-08	6.2E-08
57	UCART1	593327.59	4122839.92	593327.59, 4122839.92	1.14E-04	1.39E-04	1.31E-04	3.83E-04	7.5E-08	9.2E-08	8.6E-08	1.4E-07	7.1E-09	3.2E-09	2.0E-09	1.2E-08	4.1E-08	6.5E-08
58	UCART1	593367.59	4122839.92	593367.59, 4122839.92	1.22E-04	1.43E-04	1.40E-04	4.05E-04	8.1E-08	9.5E-08	9.3E-08	1.4E-07	7.6E-09	3.3E-09	2.2E-09	1.3E-08	4.2E-08	6.9E-08
59	UCART1	593407.59	4122839.92	593407.59, 4122839.92	1.32E-04	1.48E-04	1.51E-04	4.31E-04	8.7E-08	9.8E-08	1.0E-07	1.5E-07	8.2E-09	3.5E-09	2.4E-09	1.4E-08	4.5E-08	7.3E-08
60	UCART1	593447.59	4122839.92	593447.59, 4122839.92	1.39E-04	1.54E-04	1.60E-04	4.53E-04	9.2E-08	1.0E-07	1.1E-07	1.6E-07	8.7E-09	3.6E-09	2.5E-09	1.5E-08	4.7E-08	7.7E-08
61	UCART1	593487.59	4122839.92	593487.59, 4122839.92	1.47E-04	1.60E-04	1.69E-04	4.76E-04	9.7E-08	1.1E-07	1.1E-07	1.7E-07	9.1E-09	3.8E-09	2.6E-09	1.6E-08	5.0E-08	8.2E-08
62	UCART1	593527.59	4122839.92	593527.59, 4122839.92	1.55E-04	1.70E-04	1.82E-04	5.06E-04	1.0E-07	1.1E-07	1.2E-07	1.8E-07	9.7E-09	4.0E-09	2.8E-09	1.6E-08	5.4E-08	8.7E-08
63	UCART1	593567.59	4122839.92	593567.59, 4122839.92	1.65E-04	1.83E-04	1.97E-04	5.45E-04	1.1E-07	1.2E-07	1.3E-07	2.0E-07	1.0E-08	4.3E-09	3.1E-09	1.8E-08	5.9E-08	9.4E-08
64	UCART1	593607.59	4122839.92	593607.59, 4122839.92	1.74E-04	2.00E-04	2.14E-04	5.89E-04	1.2E-07	1.3E-07	1.4E-07	2.1E-07	1.1E-08	4.7E-09	3.3E-09	1.9E-08	6.3E-08	1.0E-07
65	UCART1	593647.59	4122839.92	593647.59, 4122839.92	1.85E-04	2.23E-04	2.37E-04	6.45E-04	1.2E-07	1.5E-07	1.6E-07	2.3E-07	1.2E-08	5.2E-09	3.7E-09	2.0E-08	6.8E-08	1.1E-07
66	UCART1	593687.59	4122839.92	593687.59, 4122839.92	1.97E-04	2.49E-04	2.63E-04	7.09E-04	1.3E-07	1.6E-07	1.7E-07	2.5E-07	1.2E-08	5.8E-09	4.1E-09	2.2E-08	7.3E-08	1.2E-07
67	UCART1	593727.59	4122839.92	593727.59, 4122839.92	2.09E-04	2.76E-04	2.91E-04	7.76E-04	1.4E-07	1.8E-07	1.9E-07	2.6E-07	1.3E-08	6.5E-09	4.5E-09	2.4E-08	7.9E-08	1.3E-07
68	UCART1	593767.59	4122839.92	593767.59, 4122839.92	2.25E-04	3.03E-04	3.22E-04	8.49E-04	1.5E-07	2.0E-07	2.1E-07	2.8E-07	1.4E-08	7.1E-09	5.0E-09	2.6E-08	8.5E-08	1.4E-07
69	UCART1	593807.59	4122839.92	593807.59, 4122839.92	2.42E-04	3.26E-04	3.50E-04	9.18E-04	1.6E-07	2.2E-07	2.3E-07	3.0E-07	1.5E-08	7.6E-09	5.5E-09	2.8E-08	9.1E-08	1.5E-07
70	UCART1	593847.59	4122839.92	593847.59, 4122839.92	2.63E-04	3.45E-04	3.76E-04	9.84E-04	1.7E-07	2.3E-07	2.5E-07	3.2E-07	1.6E-08	8.1E-09	5.9E-09	3.0E-08	9.7E-08	1.6E-07
71	UCART1	593887.59	4122839.92	593887.59, 4122839.92	2.84E-04	3.60E-04	3.96E-04	1.04E-03	1.9E-07	2.4E-07	2.6E-07	3.4E-07	1.8E-08	8.4E-09	6.2E-09	3.2E-08	1.0E-07	1.7E-07
72	UCART1	593927.59	4122839.92	593927.59, 4122839.92	3.06E-04	3.70E-04	4.10E-04	1.08E-03	2.0E-07	2.4E-07	2.7E-07	3.6E-07	1.9E-08	8.6E-09	6.4E-09	3.4E-08	1.1E-07	1.7E-07
73	UCART1	593967.59	4122839.92	593967.59, 4122839.92	3.27E-04	3.74E-04	4.15E-04	1.12E-03	2.2E-07	2.5E-07	2.7E-07	3.7E-07	2.0E-08	8.7E-09	6.5E-09	3.6E-08	1.1E-07	1.8E-07
74	UCART1	594007.59	4122839.92	594007.59, 4122839.92	3.44E-04	3.72E-04	4.13E-04	1.13E-03	2.3E-07	2.5E-07	2.7E-07	3.8E-07	2.1E-08	8.7E-09	6.4E-09	3.7E-08	1.1E-07	1.9E-07
75	UCART1	592567.59	4122879.92	592567.59, 4122879.92	4.00E-05	4.45E-05	3.78E-05	1.22E-04	2.6E-08	2.9E-08	2.5E-08	4.3E-08	2.5E-09	1.0E-09	5.9E-10	4.1E-09	1.3E-08	2.1E-08
76	UCART1	592607.59	4122879.92	592607.59, 4122879.92	4.17E-05	4.70E-05	3.97E-05	1.28E-04	2.8E-08	3.1E-08	2.6E-08	4.6E-08	2.6E-09	1.1E-09	6.2E-10	4.3E-09	1.4E-08	2.2E-08
77	UCART1	592647.59	4122879.92	592647.59, 4122879.92	4.34E-05	4.94E-05	4.16E-05	1.34E-04	2.9E-08	3.3E-08	2.8E-08	4.8E-08	2.7E-09	1.2E-09	6.5E-10	4.5E-09	1.4E-08	2.3E-08
78	UCART1	592687.59	4122879.92	592687.59, 4122879.92	4.52E-05	5.19E-05	4.36E-05	1.41E-04	3.0E-08	3.4E-08	2.9E-08	5.0E-08	2.8E-09	1.2E-09	6.8E-10	4.7E-09	1.5E-08	2.4E-08
79	UCART1	592727.59	4122879.92	592727.59, 4122879.92	4.77E-05	5.58E-05	4.64E-05	1.50E-04	3.2E-08	3.7E-08	3.1E-08	5.3E-08	3.0E-09	1.3E-09	7.2E-10	5.0E-09	1.6E-08	2.6E-08
80	UCART1	592767.59	4122879.92	592767.59, 4122879.92	5.03E-05	6.00E-05	4.92E-05	1.60E-04	3.3E-08	4.0E-08	3.3E-08	5.7E-08	3.1E-09	1.4E-09	7.7E-10	5.3E-09	1.7E-08	2.8E-08
81	UCART1	592807.59	4122879.92	592807.59, 4122879.92	5.27E-05	6.40E-05	5.20E-05	1.69E-04	3.5E-08	4.2E-08	3.4E-08	6.1E-08	3.3E-09	1.5E-09	8.1E-10	5.6E-09	1.8E-08	2.9E-08
82	UCART1	592847.59	4122879.92	592847.59, 4122879.92	5.58E-05	6.93E-05	5.54E-05	1.80E-04	3.7E-08	4.6E-08	3.7E-08	6.5E-08	3.5E-09	1.6E-09	8.6E-10	6.0E-09	1.9E-08	3.1E-08
83	UCART1	592887.59	4122879.92	592887.59, 4122879.92	5.92E-05	7.53E-05	5.92E-05	1.94E-04	3.9E-08	5.0E-08	3.9E-08	7.0E-08	3.7E-09	1.8E-09	9.2E-10	6.4E-09	2.1E-08	3.4E-08
84	UCART1	592927.59	4122879.92	592927.59, 4122879.92	6.29E-05	8.22E-05	6.37E-05	2.09E-04	4.2E-08	5.4E-08	4.2E-08	7.5E-08	3.9E-09	1.9E-09	9.9E-10	6.8E-09	2.2E-08	3.6E-08
85	UCART1	592967.59	4122879.92	592967.59, 4122879.92	6.70E-05	8.95E-05	6.87E-05	2.25E-04	4.4E-08	5.9E-08	4.5E-08	8.0E-08	4.2E-09	2.1E-09	1.1E-09	7.3E-09	2.4E-08	3.9E-08
86	UCART1	593007.59	4122879.92	593007.59, 4122879.92	7.17E-05	9.71E-05	7.46E-05	2.43E-04	4.7E-08	6.4E-08	4.9E-08	8.6E-08	4.5E-09	2.3E-09	1.2E-09	7.9E-09	2.6E-08	4.2E-08
87	UCART1	593047.59	4122879.92	593047.59, 4122879.92	7.73E-05	1.04E-04	8.17E-05	2.63E-04	5.1E-08	6.9E-08	5.4E-08	1.0E-07	4.8E-09	2.4E-09	1.3E-09	8.5E-09	3.0E-08	4.7E-08
88	UCART1	593087.59	4122879.92	593087.59, 4122879.92	8.22E-05	1.11E-04	8.82E-05	2.82E-04	5.4E-08	7.4E-08	5.8E-08	1.1E-07	5.1E-09	2.6E-09	1.4E-09	9.1E-09	3.2E-08	5.0E-08
89	UCART1	593127.59	4122879.92	593127.59, 4122879.92	8.78E-05	1.19E-04	9.62E-05	3.03E-04	5.8E-08	7.9E-08	6.4E-08	1.1E-07	5.5E-09	2.8E-09	1.5E-09	9.8E-09	3.3E-08	5.3E-08
90	UCART1	593167.59	4122879.92	593167.59, 4122879.92	9.63E-05	1.29E-04	1.09E-04	3.34E-04	6.4E-08	8.5E-08	7.2E-08	1.3E-07	6.0E-09	3.0E-09	1.7E-09	1.1E-08	3.8E-08	5.9E-08
91	UCART1	593207.59	4122879.92	593207.59, 4122879.92	1.03E-04	1.38E-04	1.19E-04	3.60E-04	6.8E-08	9.1E-08	7.8E-08	1.3E-07	6.4E-09	3.2E-09	1.9E-09	1.2E-08	4.0E-08	6.3E-08
92	UCART1	593247.59	4122879.92	593247.59, 4122879.92	1.13E-04	1.48E-04	1.31E-04	3.93E-04	7.5E-08	9.8E-08	8.7E-08	1.4E-07	7.1E-09	3.5E-09	2.1E-09	1.3E-08	4.2E-08	6.7E-08
93	UCART1	593287.59	4122879.92	593287.59, 4122879.92	1.23E-04	1.57E-04	1.43E-04	4.23E-04	8.1E-08	1.0E-07	9.5E-08	1.5E-07	7.7E-09	3.7E-09	2.2E-09	1.4E-08	4.4E-08	7.1E-08
94	UCART1	593327.59	4122879.92	593327.59, 4122879.92	1.33E-04	1.64E-04	1.55E-04	4.51E-04	8.8E-08	1.1E-07	1.0E-07	1.5E-07	8.3E-09	3.8E-09	2.4E-09	1.5E-08	4.6E-08	7.5E-08
95	UCART1	593367.59	4122879.92	593367.59, 4122879.92	1.42E-04	1.69E-04	1.67E-04	4.78E-04	9.4E-08	1.1E-07	1.1E-07	1.6E-07	8.9E-09	4.0E-09	2.6E-09	1.5E-08	4.8E-08	7.9E-08
96	UCART1	593407.59	4122879.92	593407.59, 4122879.92	1.52E-04	1.76E-04	1.81E-04	5.09E-04	1.0E-07	1.2E-07	1.2E-07	1.7E-07	9.5E-09	4.1E-09	2.8E-09	1.6E-08	5.1E-08	8.4E-08
97	UCART1	593447.59	4122879.92	593447.59, 4122879.92	1.62E-04	1.84E-04	1.93E-04	5.39E-04	1.1E-07	1.2E-07	1.3E-07	1.8E-07	1.0E-08	4.3E-09	3.0E-09	1.7E-08	5.4E-08	8.9E-08
98	UCART1	593487.59	4122879.92	593487.59, 4122879.92	1.73E-04	1.94E-04	2.07E-04	5.74E-04	1.1E-07	1.3E-07	1.4E-07	2.0E-07	1.1E-08	4.5E-09	3.2E-09	1.9E-08	5.9E-08	9.6E-08
99	UCART1	593527.59	4122879.92	593527.59, 4122879.92	1.84E-04	2.08E-04	2.24E-04	6.16E-04	1.2E-07	1.4E-07	1.5E-07	2.1E-07	1.1E-08	4.9E-09	3.5E-09	2.0E-08	6.4E-08	1.0E-07
100	UCART1	593567.59	4122879.92	593567.59, 4122879.92	1.96E-04	2.29E-04	2.46E-04	6.71E-04	1.3E-07	1.5E-07	1.6E-07	2.3E-07	1.2E-08	5.4E-09	3.8E-09	2.1E-08	6.9E-08	1.1E-07
101	UCART1	593607.59	4122879.92	593607.59, 4122879.92	2.07E-04	2.56E-04	2.71E-04	7.34E-04	1.4E-07	1.7E-07	1.8E-07	2.5E-07	1.3E-08	6.0E-09	4.2E-09	2.3E-08	7.5E-08	1.2E-07
102	UCART1	593647.59	4122879.92	593647.59, 4122879.92	2.22E-04	2.89E-04	3.04E-04	8.14E-04	1.5E-07	1.9E-07	2.0E-07	2.7E-07	1.4E-08	6.8E-09	4.7E-09	2.5E-08	8.1E-08	1.3E-07
103	UCART1	593687.59	4122879.92	593687.59, 4122879.92	2.37E-04	3.24E-04	3.41E-04	9.02E-04	1.6E-07	2.1E-07	2.3E-07	3.0E-07	1.5E-08	7.6E-09	5.3E-09	2.8E-08	8.8E-08	1.4E-07
104	UCART1	593727.59	4122879.92	593727.59, 4122879.92	2.55E-04	3.57E-04	3.80E-04	9.92E-04	1.7E-07	2.4E-07	2.5E-07	3.2E-07	1.6E-08	8.4E-09	5.9E-09	3.0E-08	9.5E-08	1.6E-07
105	UCART1	593767.59	4122879.92	593767.59, 4122879.92	2.76E-04	3.87E-04	4.19E-04	1.08E-03	1.8E-07	2.6E-07	2.8E-07	3.4E-07	1.7E-08	9.1E-09	6.5E-09	3.3E-08	1.0E-07	1.7E-07
106	UCART1	593807.59	4122879.92	593807.59, 4122879.92	3.00E-04	4.11E-04	4.51E-04	1.16E-03	2.0E-07	2.7E-07	3.0E-07	3.7E-07	1.9E-08	9.6E-09	7.0E-09	3.5E-08	1.1E-07	1.8E-07
107	UCART1	593847.59	4122879.92	593847.59, 4122879.92	3.26E-04	4.28E-04	4.77E-04	1.23E-03	2.2E-07	2.8E-07	3.2E-07	3.9E-07	2.0E-08	1.0E-08	7.4E-09	3.8E-08	1.2E-07	1.9E-07
108	UCART1	593887.59	4122879.92	593887.59, 4122879.92	3.53E-04	4.38E-04	4.93E-04	1.28E-03	2.3E-07	2.9E-07	3.3E-07	4.1E-07	2.2E-08	1.0E-08	7.7E-09	4.0E-08	1.2E-07	2.0E-07
109	UCART1	593927.59	4122879.92	593927.59, 4122879.92	3.79E-04	4.41E-04	4.98E-04	1.32E-03	2.5E-07	2.9E-07	3.3E-07	4.2E-07	2.4E-08	1.0E-08	7.8E-09	4.2E-08	1.3E-07	2.1E-07
110	UCART1	593967.59	4122879.92	593967.59, 4122879.92	4.01E-04	4.36E-04	4.94E-04	1.33E-03	2.7E-07	2.9E-07	3.3E-07	4.3E-07	2.5E-08	1.0E-08	7.7E-09	4.3E-08	1.3E-07	2.1E-07
111	UCART1	594007.59	4122879.92	594007.59, 4122879.92	4.18E-04	4.24E-04	4.79E-04	1.32E-03	2.8E-07	2.8E-07	3.2E-07	4.3E-07	2.6E-08	9.9E-09	7.5E-09	4.3E-08	1.3E-07	2.2E-07
112	UCART1	592567.59	4122919.92	592567.59, 4122919.92	4.25E-05	4.73E-05	4.05E-05	1.30E-04	2.8E-08	3.1E-08	2.7E-08	4.6E-08	2.6E-09	1.1E-09	6.3E-10	4.4E-09	1.4E-08	2.3E-08
113	UCART1	592607.59	4122919.92	592607.59, 4122919.92	4.44E-05	5.01E-05	4.25E-05	1.37E-04	2.9E-08	3.3E-08	2.8E-08	4.9E-08	2.8E-09	1.2E-09	6.6E-10	4.6E-09	1.5E-08	2.4E-08
114	UCART1	592647.59	4122919.92	592647.59, 4122919.92	4.65E-05	5.33E-05	4.48E-05	1.45E-04	3.1E-08	3.5E-08	3.0E-08	5.1E-08	2.9E-09	1.2E-09	7.0E-10	4.8E-09	1.5E-08	2.5E-08
115	UCART1	592687.59	4122919.92	592687.59, 4122919.92	4.88E-05	5.68E-05	4.73E-05	1.53E-04	3.2E-08	3.8E-08	3.1E-08	5.4E-08	3.0E-09	1.3E-09	7.4E-10	5.1E-09	1.6E-08	2.6E-08
116	UCART1	592727.59	4122919.92	592727.59, 4122919.92	5.14E-05	6.10E-05	5.02E-05	1.63E-04	3.4E-08	4.0E-08	3.3E-08	5.8E-08	3.2E-09	1.4E-09	7.8E-10	5.4E-09	1.7E-08	2.8E-08
117	UCART1	592767.59	4122919.92	592767.59, 4122919.92	5.41E-05	6.52E-05	5.33E-05	1.73E-04	3.6E-08	4.3E-08	3.5E-08	6.1E-08	3.4E-09	1.5E-09	8.3E-10	5.7E-09	1.8E-08	3.0E-08
118	UCART1	592807.59	4122919.92	592807.59, 4122919.92	5.69E-05	6.97E-05	5.66E-05	1.83E-04	3.8E-08	4.6E-08	3.7E-08	6.5E-08	3.5E-09	1.6E-09	8.8E-10	6.1E-09	1.9E-08	3.2E-08
119	UCART1	592847.59	4122919.92	592847.59, 4122919.92	6.05E-05	7.59E-05	6.07E-05	1.97E-04	4.0E-08	5.0E-08	4.0E-08	7.0E-08	3.8E-09	1.8E-09	9.5E-10	6.5E-09	2.1E-08	3.4E-08

120	UCART1	592887.59	4122919.92	592887.59, 4122919.92	6.40E-05	8.22E-05	6.49E-05	2.11E-04	4.2E-08	5.4E-08	4.3E-08	7.5E-08	4.0E-09	1.9E-09	1.0E-09	6.9E-09	2.2E-08	3.6E-08
121	UCART1	592927.59	4122919.92	592927.59, 4122919.92	6.90E-05	9.22E-05	7.08E-05	2.32E-04	4.6E-08	6.1E-08	4.7E-08	8.3E-08	4.3E-09	2.2E-09	1.1E-09	7.6E-09	2.5E-08	4.0E-08
122	UCART1	592967.59	4122919.92	592967.59, 4122919.92	7.41E-05	1.01E-04	7.69E-05	2.52E-04	4.9E-08	6.7E-08	5.1E-08	9.1E-08	4.6E-09	2.4E-09	1.2E-09	8.2E-09	2.7E-08	4.4E-08
123	UCART1	593007.59	4122919.92	593007.59, 4122919.92	7.91E-05	1.10E-04	8.32E-05	2.72E-04	5.2E-08	7.2E-08	5.5E-08	9.7E-08	4.9E-09	2.6E-09	1.3E-09	8.8E-09	2.9E-08	4.7E-08
124	UCART1	593047.59	4122919.92	593047.59, 4122919.92	8.43E-05	1.18E-04	9.03E-05	2.93E-04	5.6E-08	7.8E-08	6.0E-08	1.0E-07	5.3E-09	2.8E-09	1.4E-09	9.4E-09	3.1E-08	4.9E-08
125	UCART1	593087.59	4122919.92	593087.59, 4122919.92	9.12E-05	1.27E-04	9.95E-05	3.18E-04	6.0E-08	8.4E-08	6.6E-08	1.2E-07	5.7E-09	3.0E-09	1.6E-09	1.0E-08	3.5E-08	5.6E-08
126	UCART1	593127.59	4122919.92	593127.59, 4122919.92	9.88E-05	1.38E-04	1.11E-04	3.47E-04	6.5E-08	9.1E-08	7.3E-08	1.3E-07	6.2E-09	3.2E-09	1.7E-09	1.1E-08	3.8E-08	6.0E-08
127	UCART1	593167.59	4122919.92	593167.59, 4122919.92	1.09E-04	1.50E-04	1.26E-04	3.85E-04	7.2E-08	9.9E-08	8.4E-08	1.4E-07	6.8E-09	3.5E-09	2.0E-09	1.2E-08	4.3E-08	6.7E-08
128	UCART1	593207.59	4122919.92	593207.59, 4122919.92	1.17E-04	1.61E-04	1.38E-04	4.16E-04	7.7E-08	1.1E-07	9.1E-08	1.5E-07	7.3E-09	3.8E-09	2.2E-09	1.3E-08	4.5E-08	7.2E-08
129	UCART1	593247.59	4122919.92	593247.59, 4122919.92	1.31E-04	1.75E-04	1.55E-04	4.60E-04	8.6E-08	1.2E-07	1.0E-07	1.6E-07	8.2E-09	4.1E-09	2.4E-09	1.5E-08	4.8E-08	7.7E-08
130	UCART1	593287.59	4122919.92	593287.59, 4122919.92	1.41E-04	1.86E-04	1.70E-04	4.97E-04	9.3E-08	1.2E-07	1.1E-07	1.7E-07	8.8E-09	4.4E-09	2.6E-09	1.6E-08	5.0E-08	8.2E-08
131	UCART1	593327.59	4122919.92	593327.59, 4122919.92	1.55E-04	1.96E-04	1.88E-04	5.39E-04	1.0E-07	1.3E-07	1.2E-07	1.8E-07	9.6E-09	4.6E-09	2.9E-09	1.7E-08	5.3E-08	8.7E-08
132	UCART1	593367.59	4122919.92	593367.59, 4122919.92	1.66E-04	2.04E-04	2.04E-04	5.74E-04	1.1E-07	1.3E-07	1.3E-07	1.9E-07	1.0E-08	4.8E-09	3.2E-09	1.8E-08	5.6E-08	9.2E-08
133	UCART1	593407.59	4122919.92	593407.59, 4122919.92	1.79E-04	2.13E-04	2.21E-04	6.14E-04	1.2E-07	1.4E-07	1.5E-07	2.0E-07	1.1E-08	5.0E-09	3.5E-09	2.0E-08	5.9E-08	9.8E-08
134	UCART1	593447.59	4122919.92	593447.59, 4122919.92	1.93E-04	2.25E-04	2.39E-04	6.57E-04	1.3E-07	1.5E-07	1.6E-07	2.1E-07	1.2E-08	5.3E-09	3.7E-09	2.1E-08	6.4E-08	1.1E-07
135	UCART1	593487.59	4122919.92	593487.59, 4122919.92	2.07E-04	2.41E-04	2.60E-04	7.08E-04	1.4E-07	1.6E-07	1.7E-07	2.3E-07	1.3E-08	5.6E-09	4.0E-09	2.3E-08	6.9E-08	1.1E-07
136	UCART1	593527.59	4122919.92	593527.59, 4122919.92	2.21E-04	2.64E-04	2.84E-04	7.70E-04	1.5E-07	1.7E-07	1.9E-07	2.5E-07	1.4E-08	6.2E-09	4.4E-09	2.4E-08	7.6E-08	1.2E-07
137	UCART1	593567.59	4122919.92	593567.59, 4122919.92	2.36E-04	2.97E-04	3.15E-04	8.49E-04	1.6E-07	2.0E-07	2.1E-07	2.8E-07	1.5E-08	7.0E-09	4.9E-09	2.7E-08	8.3E-08	1.4E-07
138	UCART1	593607.59	4122919.92	593607.59, 4122919.92	2.51E-04	3.39E-04	3.53E-04	9.43E-04	1.7E-07	2.2E-07	2.3E-07	3.0E-07	1.6E-08	7.9E-09	5.5E-09	2.9E-08	9.1E-08	1.5E-07
139	UCART1	593647.59	4122919.92	593647.59, 4122919.92	2.70E-04	3.84E-04	4.01E-04	1.06E-03	1.8E-07	2.5E-07	2.7E-07	3.3E-07	1.7E-08	9.0E-09	6.3E-09	3.2E-08	9.9E-08	1.6E-07
140	UCART1	593687.59	4122919.92	593687.59, 4122919.92	2.92E-04	4.29E-04	4.54E-04	1.18E-03	1.9E-07	2.8E-07	3.0E-07	3.6E-07	1.8E-08	1.0E-08	7.1E-09	3.5E-08	1.1E-07	1.8E-07
141	UCART1	593727.59	4122919.92	593727.59, 4122919.92	3.18E-04	4.68E-04	5.07E-04	1.29E-03	2.1E-07	3.1E-07	3.4E-07	3.9E-07	2.0E-08	1.1E-08	7.9E-09	3.9E-08	1.2E-07	1.9E-07
142	UCART1	593767.59	4122919.92	593767.59, 4122919.92	3.48E-04	4.99E-04	5.53E-04	1.40E-03	2.3E-07	3.3E-07	3.7E-07	4.2E-07	2.2E-08	1.2E-08	8.6E-09	4.2E-08	1.3E-07	2.1E-07
143	UCART1	593807.59	4122919.92	593807.59, 4122919.92	3.80E-04	5.19E-04	5.87E-04	1.49E-03	2.5E-07	3.4E-07	3.9E-07	4.5E-07	2.4E-08	1.2E-08	9.2E-09	4.5E-08	1.3E-07	2.2E-07
144	UCART1	593847.59	4122919.92	593847.59, 4122919.92	4.14E-04	5.28E-04	6.06E-04	1.55E-03	2.7E-07	3.5E-07	4.0E-07	4.7E-07	2.6E-08	1.2E-08	9.5E-09	4.8E-08	1.4E-07	2.4E-07
145	UCART1	593887.59	4122919.92	593887.59, 4122919.92	4.46E-04	5.26E-04	6.10E-04	1.58E-03	3.0E-07	3.5E-07	4.0E-07	4.9E-07	2.8E-08	1.2E-08	9.5E-09	5.0E-08	1.5E-07	2.4E-07
146	UCART1	593927.59	4122919.92	593927.59, 4122919.92	4.74E-04	5.14E-04	6.00E-04	1.59E-03	3.1E-07	3.4E-07	4.0E-07	5.0E-07	3.0E-08	1.2E-08	9.4E-09	5.1E-08	1.5E-07	2.5E-07
147	UCART1	593967.59	4122919.92	593967.59, 4122919.92	4.96E-04	4.94E-04	5.77E-04	1.57E-03	3.3E-07	3.3E-07	3.8E-07	5.0E-07	3.1E-08	1.2E-08	9.0E-09	5.2E-08	1.5E-07	2.5E-07
148	UCART1	594007.59	4122919.92	594007.59, 4122919.92	5.09E-04	4.68E-04	5.45E-04	1.52E-03	3.4E-07	3.1E-07	3.6E-07	5.0E-07	3.2E-08	1.1E-08	8.5E-09	5.1E-08	1.5E-07	2.5E-07
149	UCART1	592567.59	4122959.92	592567.59, 4122959.92	4.55E-05	5.09E-05	4.36E-05	1.40E-04	3.0E-08	3.4E-08	2.9E-08	5.0E-08	2.8E-09	1.2E-09	6.8E-10	4.7E-09	1.5E-08	2.4E-08
150	UCART1	592607.59	4122959.92	592607.59, 4122959.92	4.74E-05	5.38E-05	4.57E-05	1.47E-04	3.1E-08	3.6E-08	3.0E-08	5.2E-08	3.0E-09	1.3E-09	7.1E-10	4.9E-09	1.6E-08	2.6E-08
151	UCART1	592647.59	4122959.92	592647.59, 4122959.92	4.98E-05	5.73E-05	4.83E-05	1.55E-04	3.3E-08	3.8E-08	3.2E-08	5.5E-08	3.1E-09	1.3E-09	7.5E-10	5.2E-09	1.6E-08	2.7E-08
152	UCART1	592687.59	4122959.92	592687.59, 4122959.92	5.24E-05	6.14E-05	5.12E-05	1.65E-04	3.5E-08	4.1E-08	3.4E-08	5.8E-08	3.3E-09	1.4E-09	8.0E-10	5.5E-09	1.7E-08	2.8E-08
153	UCART1	592727.59	4122959.92	592727.59, 4122959.92	5.54E-05	6.62E-05	5.45E-05	1.76E-04	3.7E-08	4.4E-08	3.6E-08	6.2E-08	3.5E-09	1.5E-09	8.5E-10	5.9E-09	1.9E-08	3.0E-08
154	UCART1	592767.59	4122959.92	592767.59, 4122959.92	5.84E-05	7.12E-05	5.80E-05	1.88E-04	3.9E-08	4.7E-08	3.8E-08	6.6E-08	3.6E-09	1.7E-09	9.0E-10	6.2E-09	2.0E-08	3.2E-08
155	UCART1	592807.59	4122959.92	592807.59, 4122959.92	6.17E-05	7.65E-05	6.19E-05	2.00E-04	4.1E-08	5.1E-08	4.1E-08	7.0E-08	3.8E-09	1.8E-09	9.6E-10	6.6E-09	2.1E-08	3.4E-08
156	UCART1	592847.59	4122959.92	592847.59, 4122959.92	6.59E-05	8.38E-05	6.67E-05	2.16E-04	4.4E-08	5.5E-08	4.4E-08	7.6E-08	4.1E-09	2.0E-09	1.0E-09	7.1E-09	2.3E-08	3.7E-08
157	UCART1	592887.59	4122959.92	592887.59, 4122959.92	6.99E-05	9.10E-05	7.17E-05	2.33E-04	4.6E-08	6.0E-08	4.7E-08	8.2E-08	4.4E-09	2.1E-09	1.1E-09	7.6E-09	2.4E-08	4.0E-08
158	UCART1	592927.59	4122959.92	592927.59, 4122959.92	7.50E-05	1.01E-04	7.79E-05	2.54E-04	5.0E-08	6.7E-08	5.2E-08	8.9E-08	4.7E-09	2.4E-09	1.2E-09	8.3E-09	2.7E-08	4.3E-08
159	UCART1	592967.59	4122959.92	592967.59, 4122959.92	8.09E-05	1.12E-04	8.51E-05	2.78E-04	5.4E-08	7.4E-08	5.6E-08	9.8E-08	5.0E-09	2.6E-09	1.3E-09	9.0E-09	2.9E-08	4.7E-08
160	UCART1	593007.59	4122959.92	593007.59, 4122959.92	8.78E-05	1.24E-04	9.36E-05	3.05E-04	5.8E-08	8.2E-08	6.2E-08	1.1E-07	5.5E-09	2.9E-09	1.5E-09	9.8E-09	3.4E-08	5.4E-08
161	UCART1	593047.59	4122959.92	593047.59, 4122959.92	9.52E-05	1.35E-04	1.04E-04	3.34E-04	6.3E-08	9.0E-08	6.9E-08	1.2E-07	5.9E-09	3.2E-09	1.6E-09	1.1E-08	3.7E-08	5.8E-08
162	UCART1	593087.59	4122959.92	593087.59, 4122959.92	1.02E-04	1.47E-04	1.13E-04	3.62E-04	6.7E-08	9.7E-08	7.5E-08	1.3E-07	6.4E-09	3.4E-09	1.8E-09	1.2E-08	3.9E-08	6.2E-08
163	UCART1	593127.59	4122959.92	593127.59, 4122959.92	1.12E-04	1.61E-04	1.29E-04	4.02E-04	7.4E-08	1.1E-07	8.5E-08	1.5E-07	7.0E-09	3.8E-09	2.0E-09	1.3E-08	4.5E-08	7.1E-08
164	UCART1	593167.59	4122959.92	593167.59, 4122959.92	1.25E-04	1.76E-04	1.48E-04	4.50E-04	8.3E-08	1.2E-07	9.8E-08	1.6E-07	7.8E-09	4.1E-09	2.3E-09	1.4E-08	4.8E-08	7.7E-08
165	UCART1	593207.59	4122959.92	593207.59, 4122959.92	1.36E-04	1.92E-04	1.65E-04	4.93E-04	9.0E-08	1.3E-07	1.1E-07	1.7E-07	8.5E-09	4.5E-09	2.6E-09	1.6E-08	5.2E-08	8.3E-08
166	UCART1	593247.59	4122959.92	593247.59, 4122959.92	1.52E-04	2.11E-04	1.86E-04	5.49E-04	1.0E-07	1.4E-07	1.2E-07	1.8E-07	9.5E-09	4.9E-09	2.9E-09	1.7E-08	5.5E-08	9.0E-08
167	UCART1	593287.59	4122959.92	593287.59, 4122959.92	1.65E-04	2.27E-04	2.06E-04	5.98E-04	1.1E-07	1.5E-07	1.4E-07	1.9E-07	1.0E-08	5.3E-09	3.2E-09	1.9E-08	5.8E-08	9.6E-08
168	UCART1	593327.59	4122959.92	593327.59, 4122959.92	1.83E-04	2.41E-04	2.32E-04	6.56E-04	1.2E-07	1.6E-07	1.5E-07	2.1E-07	1.1E-08	5.6E-09	3.6E-09	2.1E-08	6.2E-08	1.0E-07
169	UCART1	593367.59	4122959.92	593367.59, 4122959.92	1.97E-04	2.52E-04	2.52E-04	7.01E-04	1.3E-07	1.7E-07	1.7E-07	2.2E-07	1.2E-08	5.9E-09	3.9E-09	2.2E-08	6.5E-08	1.1E-07
170	UCART1	593407.59	4122959.92	593407.59, 4122959.92	2.15E-04	2.66E-04	2.78E-04	7.58E-04	1.4E-07	1.8E-07	1.8E-07	2.3E-07	1.3E-08	6.2E-09	4.3E-09	2.4E-08	7.0E-08	1.2E-07
171	UCART1	593447.59	4122959.92	593447.59, 4122959.92	2.32E-04	2.83E-04	3.03E-04	8.17E-04	1.5E-07	1.9E-07	2.0E-07	2.5E-07	1.4E-08	6.6E-09	4.7E-09	2.6E-08	7.6E-08	1.3E-07
172	UCART1	593487.59	4122959.92	593487.59, 4122959.92	2.51E-04	3.11E-04	3.34E-04	8.96E-04	1.7E-07	2.1E-07	2.2E-07	2.8E-07	1.6E-08	7.3E-09	5.2E-09	2.8E-08	8.4E-08	1.4E-07
173	UCART1	593527.59	4122959.92	593527.59, 4122959.92	2.68E-04	3.50E-04	3.69E-04	9.88E-04	1.8E-07	2.3E-07	2.4E-07	3.1E-07	1.7E-08	8.2E-09	5.8E-09	3.1E-08	9.2E-08	1.5E-07
174	UCART1	593567.59	4122959.92	593567.59, 4122959.92	2.90E-04	4.04E-04	4.20E-04	1.11E-03	1.9E-07	2.7E-07	2.8E-07	3.4E-07	1.8E-08	9.5E-09	6.5E-09	3.4E-08	1.0E-07	1.7E-07
175	UCART1	593607.59	4122959.92	593607.59, 4122959.92	3.11E-04	4.65E-04	4.78E-04	1.25E-03	2.1E-07	3.1E-07	3.2E-07	3.8E-07	1.9E-08	1.1E-08	7.5E-09	3.8E-08	1.1E-07	1.9E-07
176	UCART1	593647.59	4122959.92	593647.59, 4122959.92	3.36E-04	5.24E-04	5.47E-04	1.41E-03	2.2E-07	3.5E-07	3.6E-07	4.1E-07	2.1E-08	1.2E-08	8.5E-09	4.2E-08	1.2E-07	2.1E-07
177	UCART1	593687.59	4122959.92	593687.59, 4122959.92	3.67E-04	5.77E-04	6.21E-04	1.56E-03	2.4E-07	3.8E-07	4.1E-07	4.5E-07	2.3E-08	1.3E-08	9.7E-09	4.6E-08	1.3E-07	2.3E-07
178	UCART1	593727.59	4122959.92	593727.59, 4122959.92	4.05E-04	6.16E-04	6.87E-04	1.71E-03	2.7E-07	4.1E-07	4.5E-07	4.9E-07	2.5E-08	1.4E-08	1.1E-08	5.0E-08	1.5E-07	2.5E-07
179	UCART1	593767.59	4122959.92	593767.59, 4122959.92	4.48E-04	6.39E-04	7.36E-04	1.82E-03	3.0E-07	4.2E-07	4.9E-07	5.2E-07	2.8E-08	1.5E-08	1.1E-08	5.4E-08	1.6E-07	2.6E-07
180	UCART1	593807.59	4122959.92	593807.59, 4122959.92	4.92E-04	6.45E-04	7.61E-04	1.90E-03	3.3E-07	4.3E-07	5.0E-07	5.5E-07	3.1E-08	1.5E-08	1.2E-08	5.8E-08	1.6E-07	2.8E-07
181	UCART1	593847.59	4122959.92	593847.59, 4122959.92	5.35E-04	6.36E-04	7.63E-04	1.93E-03	3.5E-07	4.2E-07	5.1E-07	5.7E-07	3.3E-08	1.5E-08	1.2E-08	6.0E-08	1.7E-07	2.9E-07
182	UCART1	593887.59	4122959.92	593887.59, 4122959.92	5.72E-04	6.14E-04	7.43E-04	1.93E-03	3.8E-07	4.1E-07	4.9E-07	5.8E-07	3.6E-08	1.4E-08	1.2E-08	6.2E-08	1.7E-07	3.0E-07
183	UCART1	593927.59	4122959.92	593927.59, 4122959.92	5.98E-04	5.81E-04	7.06E-04	1.89E-03	4.0E-07	3.8E-07	4.7E-07	5.8E-07	3.7E-08	1.4E-08	1.1E-08	6.2E-08	1.7E-07	3.0E-07
184	UCART1	593967.59	4122959.92	593967.59, 4122959.92	6.14E-04	5.41E-04	6.58E-04	1.81E-03	4.1E-07	3.6E-07	4.4E-07	5.8E-07	3.8E-08	1.3E-08	1.0E-08	6.1E-08	1.7E-07	2.9E-07
185	UCART1	594007.59	4122959.92	594007.59, 4122959.92	6.18E-04	4.97E-04	6.03E-04	1.72E-03	4.1E-07	3.3E-07	4.0E-07	5.6E-07	3.9E-08	1.2E-08	9.4E-09	6.0E-08	1.7E-07	2.9E-07

186	UCART1	592567.59	4122999.92	592567.59, 4122999.92	4.94E-05	5.59E-05	4.73E-05	1.53E-04	3.3E-08	3.7E-08	3.1E-08	5.6E-08	3.1E-09	1.3E-09	7.4E-10	5.1E-09	1.7E-08	2.7E-08
187	UCART1	592607.59	4122999.92	592607.59, 4122999.92	5.08E-05	5.77E-05	4.92E-05	1.58E-04	3.4E-08	3.8E-08	3.3E-08	5.7E-08	3.2E-09	1.4E-09	7.7E-10	5.3E-09	1.7E-08	2.7E-08
188	UCART1	592647.59	4122999.92	592647.59, 4122999.92	5.34E-05	6.16E-05	5.21E-05	1.67E-04	3.5E-08	4.1E-08	3.4E-08	5.9E-08	3.3E-09	1.4E-09	8.1E-10	5.6E-09	1.8E-08	2.9E-08
189	UCART1	592687.59	4122999.92	592687.59, 4122999.92	5.63E-05	6.62E-05	5.53E-05	1.78E-04	3.7E-08	4.4E-08	3.7E-08	6.3E-08	3.5E-09	1.5E-09	8.6E-10	5.9E-09	1.9E-08	3.1E-08
190	UCART1	592727.59	4122999.92	592727.59, 4122999.92	5.97E-05	7.16E-05	5.91E-05	1.90E-04	4.0E-08	4.7E-08	3.9E-08	6.7E-08	3.7E-09	1.7E-09	9.2E-10	6.3E-09	2.0E-08	3.3E-08
191	UCART1	592767.59	4122999.92	592767.59, 4122999.92	6.34E-05	7.77E-05	6.34E-05	2.04E-04	4.2E-08	5.1E-08	4.2E-08	7.2E-08	4.0E-09	1.8E-09	9.9E-10	6.8E-09	2.1E-08	3.5E-08
192	UCART1	592807.59	4122999.92	592807.59, 4122999.92	6.74E-05	8.43E-05	6.80E-05	2.20E-04	4.5E-08	5.6E-08	4.5E-08	7.7E-08	4.2E-09	2.0E-09	1.1E-09	7.2E-09	2.3E-08	3.7E-08
193	UCART1	592847.59	4122999.92	592847.59, 4122999.92	7.19E-05	9.26E-05	7.35E-05	2.38E-04	4.8E-08	6.1E-08	4.9E-08	8.3E-08	4.5E-09	2.2E-09	1.1E-09	7.8E-09	2.5E-08	4.0E-08
194	UCART1	592887.59	4122999.92	592887.59, 4122999.92	7.70E-05	1.02E-04	7.97E-05	2.59E-04	5.1E-08	6.7E-08	5.3E-08	9.0E-08	4.8E-09	2.4E-09	1.2E-09	8.4E-09	2.7E-08	4.4E-08
195	UCART1	592927.59	4122999.92	592927.59, 4122999.92	8.28E-05	1.13E-04	8.69E-05	2.83E-04	5.5E-08	7.5E-08	5.8E-08	9.8E-08	5.2E-09	2.6E-09	1.4E-09	9.2E-09	2.9E-08	4.8E-08
196	UCART1	592967.59	4122999.92	592967.59, 4122999.92	8.95E-05	1.26E-04	9.53E-05	3.11E-04	5.9E-08	8.3E-08	6.3E-08	1.1E-07	5.6E-09	2.9E-09	1.5E-09	1.0E-08	3.2E-08	5.2E-08
197	UCART1	593007.59	4122999.92	593007.59, 4122999.92	9.77E-05	1.40E-04	1.05E-04	3.43E-04	6.5E-08	9.3E-08	7.0E-08	1.3E-07	6.1E-09	3.3E-09	1.6E-09	1.1E-08	3.8E-08	6.0E-08
198	UCART1	593047.59	4122999.92	593047.59, 4122999.92	1.06E-04	1.55E-04	1.17E-04	3.79E-04	7.0E-08	1.0E-07	7.8E-08	1.4E-07	6.6E-09	3.6E-09	1.8E-09	1.2E-08	4.1E-08	6.5E-08
199	UCART1	593087.59	4122999.92	593087.59, 4122999.92	1.15E-04	1.71E-04	1.28E-04	4.15E-04	7.6E-08	1.1E-07	8.5E-08	1.5E-07	7.2E-09	4.0E-09	2.0E-09	1.3E-08	4.4E-08	7.0E-08
200	UCART1	593127.59	4122999.92	593127.59, 4122999.92	1.29E-04	1.91E-04	1.50E-04	4.70E-04	8.5E-08	1.3E-07	1.0E-07	1.7E-07	8.0E-09	4.5E-09	2.3E-09	1.5E-08	5.1E-08	8.1E-08
201	UCART1	593167.59	4122999.92	593167.59, 4122999.92	1.45E-04	2.12E-04	1.74E-04	5.31E-04	9.6E-08	1.4E-07	1.1E-07	1.9E-07	9.0E-09	5.0E-09	2.7E-09	1.7E-08	5.5E-08	8.9E-08
202	UCART1	593207.59	4122999.92	593207.59, 4122999.92	1.60E-04	2.34E-04	1.96E-04	5.90E-04	1.1E-07	1.5E-07	1.3E-07	2.0E-07	1.0E-08	5.5E-09	3.1E-09	1.8E-08	6.0E-08	9.7E-08
203	UCART1	593247.59	4122999.92	593247.59, 4122999.92	1.79E-04	2.60E-04	2.27E-04	6.65E-04	1.2E-07	1.7E-07	1.5E-07	2.1E-07	1.1E-08	6.1E-09	3.5E-09	2.1E-08	6.4E-08	1.1E-07
204	UCART1	593287.59	4122999.92	593287.59, 4122999.92	1.96E-04	2.83E-04	2.55E-04	7.34E-04	1.3E-07	1.9E-07	1.7E-07	2.3E-07	1.2E-08	6.6E-09	4.0E-09	2.3E-08	6.8E-08	1.1E-07
205	UCART1	593327.59	4122999.92	593327.59, 4122999.92	2.19E-04	3.04E-04	2.91E-04	8.14E-04	1.4E-07	2.0E-07	1.9E-07	2.4E-07	1.4E-08	7.1E-09	4.5E-09	2.5E-08	7.3E-08	1.2E-07
206	UCART1	593367.59	4122999.92	593367.59, 4122999.92	2.38E-04	3.20E-04	3.21E-04	8.80E-04	1.6E-07	2.1E-07	2.1E-07	2.6E-07	1.5E-08	7.5E-09	5.0E-09	2.7E-08	7.8E-08	1.3E-07
207	UCART1	593407.59	4122999.92	593407.59, 4122999.92	2.63E-04	3.43E-04	3.60E-04	9.66E-04	1.7E-07	2.3E-07	2.4E-07	2.8E-07	1.6E-08	8.0E-09	5.6E-09	3.0E-08	8.4E-08	1.4E-07
208	UCART1	593447.59	4122999.92	593447.59, 4122999.92	2.85E-04	3.73E-04	3.96E-04	1.05E-03	1.9E-07	2.5E-07	2.6E-07	3.1E-07	1.8E-08	8.7E-09	6.2E-09	3.3E-08	9.3E-08	1.6E-07
209	UCART1	593487.59	4122999.92	593487.59, 4122999.92	3.10E-04	4.23E-04	4.45E-04	1.18E-03	2.1E-07	2.8E-07	2.9E-07	3.5E-07	1.9E-08	9.9E-09	6.9E-09	3.6E-08	1.0E-07	1.8E-07
210	UCART1	593527.59	4122999.92	593527.59, 4122999.92	3.34E-04	4.92E-04	5.04E-04	1.33E-03	2.2E-07	3.3E-07	3.3E-07	3.9E-07	2.1E-08	1.1E-08	7.9E-09	4.0E-08	1.2E-07	2.0E-07
211	UCART1	593567.59	4122999.92	593567.59, 4122999.92	3.65E-04	5.76E-04	5.87E-04	1.53E-03	2.4E-07	3.8E-07	3.9E-07	4.3E-07	2.3E-08	1.3E-08	9.1E-09	4.5E-08	1.3E-07	2.2E-07
212	UCART1	593607.59	4122999.92	593607.59, 4122999.92	3.96E-04	6.59E-04	6.81E-04	1.74E-03	2.6E-07	4.4E-07	4.5E-07	4.8E-07	2.5E-08	1.5E-08	1.1E-08	5.1E-08	1.4E-07	2.4E-07
213	UCART1	593647.59	4122999.92	593647.59, 4122999.92	4.34E-04	7.30E-04	7.83E-04	1.95E-03	2.9E-07	4.8E-07	5.2E-07	5.3E-07	2.7E-08	1.7E-08	1.2E-08	5.6E-08	1.6E-07	2.7E-07
214	UCART1	593687.59	4122999.92	593687.59, 4122999.92	4.81E-04	7.80E-04	8.78E-04	2.14E-03	3.2E-07	5.2E-07	5.8E-07	5.7E-07	3.0E-08	1.8E-08	1.4E-08	6.2E-08	1.7E-07	3.0E-07
215	UCART1	593727.59	4122999.92	593727.59, 4122999.92	5.37E-04	8.05E-04	9.49E-04	2.29E-03	3.6E-07	5.3E-07	6.3E-07	6.2E-07	3.3E-08	1.9E-08	1.5E-08	6.7E-08	1.8E-07	3.2E-07
216	UCART1	593767.59	4122999.92	593767.59, 4122999.92	5.97E-04	8.04E-04	9.84E-04	2.38E-03	3.9E-07	5.3E-07	6.5E-07	6.5E-07	3.7E-08	1.9E-08	1.5E-08	7.1E-08	2.0E-07	3.4E-07
217	UCART1	593807.59	4122999.92	593807.59, 4122999.92	6.55E-04	7.80E-04	9.80E-04	2.42E-03	4.3E-07	5.2E-07	6.5E-07	6.8E-07	4.1E-08	1.8E-08	1.5E-08	7.4E-08	2.0E-07	3.5E-07
218	UCART1	593847.59	4122999.92	593847.59, 4122999.92	7.04E-04	7.40E-04	9.44E-04	2.39E-03	4.7E-07	4.9E-07	6.2E-07	6.9E-07	4.4E-08	1.7E-08	1.5E-08	7.6E-08	2.1E-07	3.6E-07
219	UCART1	593887.59	4122999.92	593887.59, 4122999.92	7.39E-04	6.87E-04	8.82E-04	2.31E-03	4.9E-07	4.5E-07	5.8E-07	6.9E-07	4.6E-08	1.6E-08	1.4E-08	7.6E-08	2.1E-07	3.6E-07
220	UCART1	593927.59	4122999.92	593927.59, 4122999.92	7.56E-04	6.27E-04	8.06E-04	2.19E-03	5.0E-07	4.2E-07	5.3E-07	6.8E-07	4.7E-08	1.5E-08	1.3E-08	7.4E-08	2.0E-07	3.5E-07
221	UCART1	593967.59	4122999.92	593967.59, 4122999.92	7.57E-04	5.66E-04	7.24E-04	2.05E-03	5.0E-07	3.7E-07	4.8E-07	6.6E-07	4.7E-08	1.3E-08	1.1E-08	7.2E-08	2.0E-07	3.4E-07
222	UCART1	594007.59	4122999.92	594007.59, 4122999.92	7.41E-04	5.06E-04	6.42E-04	1.89E-03	4.9E-07	3.3E-07	4.2E-07	6.3E-07	4.6E-08	1.2E-08	1.0E-08	6.8E-08	1.9E-07	3.2E-07
223	UCART1	592567.59	4123039.92	592567.59, 4123039.92	5.29E-05	6.05E-05	5.06E-05	1.64E-04	3.5E-08	4.0E-08	3.3E-08	6.2E-08	3.3E-09	1.4E-09	7.9E-10	5.5E-09	1.8E-08	2.9E-08
224	UCART1	592607.59	4123039.92	592607.59, 4123039.92	5.46E-05	6.23E-05	5.30E-05	1.70E-04	3.6E-08	4.1E-08	3.5E-08	6.2E-08	3.4E-09	1.5E-09	8.3E-10	5.7E-09	1.8E-08	3.0E-08
225	UCART1	592647.59	4123039.92	592647.59, 4123039.92	5.73E-05	6.63E-05	5.61E-05	1.80E-04	3.8E-08	4.4E-08	3.7E-08	6.4E-08	3.6E-09	1.6E-09	8.8E-10	6.0E-09	1.9E-08	3.1E-08
226	UCART1	592687.59	4123039.92	592687.59, 4123039.92	6.07E-05	7.15E-05	5.99E-05	1.92E-04	4.0E-08	4.7E-08	4.0E-08	6.8E-08	3.8E-09	1.7E-09	9.3E-10	6.4E-09	2.0E-08	3.3E-08
227	UCART1	592727.59	4123039.92	592727.59, 4123039.92	6.46E-05	7.77E-05	6.43E-05	2.07E-04	4.3E-08	5.1E-08	4.3E-08	7.3E-08	4.0E-09	1.8E-09	1.0E-09	6.8E-09	2.2E-08	3.5E-08
228	UCART1	592767.59	4123039.92	592767.59, 4123039.92	6.91E-05	8.51E-05	6.94E-05	2.24E-04	4.6E-08	5.6E-08	4.6E-08	7.8E-08	4.3E-09	2.0E-09	1.1E-09	7.4E-09	2.3E-08	3.8E-08
229	UCART1	592807.59	4123039.92	592807.59, 4123039.92	7.38E-05	9.33E-05	7.50E-05	2.42E-04	4.9E-08	6.2E-08	5.0E-08	8.4E-08	4.6E-09	2.2E-09	1.2E-09	8.0E-09	2.5E-08	4.1E-08
230	UCART1	592847.59	4123039.92	592847.59, 4123039.92	7.91E-05	1.03E-04	8.13E-05	2.63E-04	5.2E-08	6.8E-08	5.4E-08	9.1E-08	4.9E-09	2.4E-09	1.3E-09	8.6E-09	2.7E-08	4.4E-08
231	UCART1	592887.59	4123039.92	592887.59, 4123039.92	8.50E-05	1.14E-04	8.86E-05	2.87E-04	5.6E-08	7.5E-08	5.9E-08	9.9E-08	5.3E-09	2.7E-09	1.4E-09	9.3E-09	3.0E-08	4.8E-08
232	UCART1	592927.59	4123039.92	592927.59, 4123039.92	9.20E-05	1.27E-04	9.74E-05	3.17E-04	6.1E-08	8.4E-08	6.4E-08	1.1E-07	5.7E-09	3.0E-09	1.5E-09	1.0E-08	3.3E-08	5.3E-08
233	UCART1	592967.59	4123039.92	592967.59, 4123039.92	1.00E-04	1.42E-04	1.08E-04	3.50E-04	6.6E-08	9.4E-08	7.1E-08	1.2E-07	6.3E-09	3.3E-09	1.7E-09	1.1E-08	3.6E-08	5.9E-08
234	UCART1	593007.59	4123039.92	593007.59, 4123039.92	1.10E-04	1.60E-04	1.21E-04	3.91E-04	7.3E-08	1.1E-07	8.0E-08	1.4E-07	6.9E-09	3.7E-09	1.9E-09	1.3E-08	4.2E-08	6.7E-08
235	UCART1	593047.59	4123039.92	593047.59, 4123039.92	1.21E-04	1.80E-04	1.35E-04	4.37E-04	8.0E-08	1.2E-07	8.9E-08	1.6E-07	7.6E-09	4.2E-09	2.1E-09	1.4E-08	4.9E-08	7.7E-08
236	UCART1	593087.59	4123039.92	593087.59, 4123039.92	1.32E-04	2.02E-04	1.50E-04	4.84E-04	8.7E-08	1.3E-07	9.9E-08	1.7E-07	8.2E-09	4.7E-09	2.3E-09	1.5E-08	5.0E-08	8.1E-08
237	UCART1	593127.59	4123039.92	593127.59, 4123039.92	1.50E-04	2.30E-04	1.77E-04	5.57E-04	9.9E-08	1.5E-07	1.2E-07	2.0E-07	9.3E-09	5.4E-09	2.8E-09	1.7E-08	5.9E-08	9.4E-08
238	UCART1	593167.59	4123039.92	593167.59, 4123039.92	1.70E-04	2.60E-04	2.07E-04	6.37E-04	1.1E-07	1.7E-07	1.4E-07	2.2E-07	1.1E-08	6.1E-09	3.2E-09	2.0E-08	6.4E-08	1.0E-07
239	UCART1	593207.59	4123039.92	593207.59, 4123039.92	1.89E-04	2.92E-04	2.40E-04	7.21E-04	1.3E-07	1.9E-07	1.6E-07	2.3E-07	1.2E-08	6.8E-09	3.7E-09	2.2E-08	7.0E-08	1.1E-07
240	UCART1	593247.59	4123039.92	593247.59, 4123039.92	2.13E-04	3.29E-04	2.80E-04	8.22E-04	1.4E-07	2.2E-07	1.9E-07	2.5E-07	1.3E-08	7.7E-09	4.4E-09	2.5E-08	7.6E-08	1.3E-07
241	UCART1	593287.59	4123039.92	593287.59, 4123039.92	2.36E-04	3.63E-04	3.21E-04	9.20E-04	1.6E-07	2.4E-07	2.1E-07	2.7E-07	1.5E-08	8.5E-09	5.0E-09	2.8E-08	8.1E-08	1.4E-07
242	UCART1	593327.59	4123039.92	593327.59, 4123039.92	2.67E-04	3.97E-04	3.74E-04	1.04E-03	1.8E-07	2.6E-07	2.5E-07	2.9E-07	1.7E-08	9.3E-09	5.8E-09	3.2E-08	8.8E-08	1.5E-07
243	UCART1	593367.59	4123039.92	593367.59, 4123039.92	2.94E-04	4.23E-04	4.22E-04	1.14E-03	1.9E-07	2.8E-07	2.8E-07	3.2E-07	1.8E-08	9.9E-09	6.6E-09	3.5E-08	9.5E-08	1.6E-07
244	UCART1	593407.59	4123039.92	593407.59, 4123039.92	3.27E-04	4.62E-04	4.81E-04	1.27E-03	2.2E-07	3.1E-07	3.2E-07	3.5E-07	2.0E-08	1.1E-08	7.5E-09	3.9E-08	1.0E-07	1.8E-07
245	UCART1	593447.59	4123039.92	593447.59, 4123039.92	3.57E-04	5.20E-04	5.40E-04	1.42E-03	2.4E-07	3.4E-07	3.6E-07	3.9E-07	2.2E-08	1.2E-08	8.4E-09	4.3E-08	1.2E-07	2.0E-07
246	UCART1	593487.59	4123039.92	593487.59, 4123039.92	3.93E-04	6.14E-04	6.22E-04	1.63E-03	2.6E-07	4.1E-07	4.1E-07	4.4E-07	2.5E-08	1.4E-08	9.7E-09	4.9E-08	1.3E-07	2.3E-07
247	UCART1	593527.59	4123039.92	593527.59, 4123039.92	4.29E-04	7.33E-04	7.26E-04	1.89E-03	2.8E-07	4.8E-07	4.8E-07	5.0E-07	2.7E-08	1.7E-08	1.1E-08	5.5E-08	1.5E-07	2.6E-07
248	UCART1	593567.59	4123039.92	593567.59, 4123039.92	4.73E-04	8.56E-04	8.65E-04	2.19E-03	3.1E-07	5.7E-07	5.7E-07	5.6E-07	3.0E-08	2.0E-08	1.3E-08	6.3E-08	1.7E-07	2.9E-07
249	UCART1	593607.59	4123039.92	593607.59, 4123039.92	5.21E-04	9.55E-04	1.01E-03	2.49E-03	3.4E-07	6.3E-07	6.7E-07	6.2E-07	3.2E-08	2.2E-08	1.6E-08	7.1E-08	1.9E-07	3.3E-07
250	UCART1	593647.59	4123039.92	593647.59, 4123039.92	5.80E-04	1.02E-03	1.15E-03	2.75E-03	3.8E-07	6.7E-07	7.6E-07	6.9E-07	3.6E-08	2.4E-08	1.8E-08	7.8E-08	2.0E-07	3.6E-07
251	UCART1	593687.59	4123039.92	593687.59, 4123039.92	6.53E-04	1.04E-03	1.26E-03	2.95E-03	4.3E-07	6.9E-07	8.3E-07	7.4E-07	4.1E-08	2.4E-08	2.0E-08	8.5E-08	2.2E-07	3.9E-07

252	UCART1	593727.59	4123039.92	593727.59, 4123039.92	7.35E-04	1.02E-03	1.31E-03	3.06E-03	4.9E-07	6.7E-07	8.7E-07	7.9E-07	4.6E-08	2.4E-08	2.0E-08	9.0E-08	2.3E-07	4.2E-07
253	UCART1	593767.59	4123039.92	593767.59, 4123039.92	8.17E-04	9.68E-04	1.29E-03	3.08E-03	5.4E-07	6.4E-07	8.6E-07	8.2E-07	5.1E-08	2.3E-08	2.0E-08	9.4E-08	2.4E-07	4.3E-07
254	UCART1	593807.59	4123039.92	593807.59, 4123039.92	8.87E-04	8.97E-04	1.23E-03	3.01E-03	5.9E-07	5.9E-07	8.1E-07	8.3E-07	5.5E-08	2.1E-08	1.9E-08	9.5E-08	2.5E-07	4.4E-07
255	UCART1	593847.59	4123039.92	593847.59, 4123039.92	9.35E-04	8.16E-04	1.12E-03	2.88E-03	6.2E-07	5.4E-07	7.4E-07	8.3E-07	5.8E-08	1.9E-08	1.8E-08	9.5E-08	2.5E-07	4.4E-07
256	UCART1	593887.59	4123039.92	593887.59, 4123039.92	9.55E-04	7.30E-04	1.00E-03	2.69E-03	6.3E-07	4.8E-07	6.6E-07	8.1E-07	6.0E-08	1.7E-08	1.6E-08	9.2E-08	2.4E-07	4.3E-07
257	UCART1	593927.59	4123039.92	593927.59, 4123039.92	9.49E-04	6.45E-04	8.78E-04	2.47E-03	6.3E-07	4.3E-07	5.8E-07	7.8E-07	5.9E-08	1.5E-08	1.4E-08	8.8E-08	2.3E-07	4.1E-07
258	UCART1	593967.59	4123039.92	593967.59, 4123039.92	9.20E-04	5.65E-04	7.60E-04	2.25E-03	6.1E-07	3.7E-07	5.0E-07	7.4E-07	5.7E-08	1.3E-08	1.2E-08	8.2E-08	2.2E-07	3.9E-07
259	UCART1	594007.59	4123039.92	594007.59, 4123039.92	8.73E-04	4.92E-04	6.52E-04	2.02E-03	5.8E-07	3.3E-07	4.3E-07	6.9E-07	5.4E-08	1.2E-08	1.0E-08	7.6E-08	2.1E-07	3.6E-07
260	UCART1	592567.59	4123079.92	592567.59, 4123079.92	5.65E-05	6.45E-05	5.39E-05	1.75E-04	3.7E-08	4.3E-08	3.6E-08	7.0E-08	3.5E-09	1.5E-09	8.4E-10	5.9E-09	2.1E-08	3.3E-08
261	UCART1	592607.59	4123079.92	592607.59, 4123079.92	5.91E-05	6.83E-05	5.71E-05	1.84E-04	3.9E-08	4.5E-08	3.8E-08	6.8E-08	3.7E-09	1.6E-09	8.9E-10	6.2E-09	2.0E-08	3.3E-08
262	UCART1	592647.59	4123079.92	592647.59, 4123079.92	6.17E-05	7.17E-05	6.04E-05	1.94E-04	4.1E-08	4.7E-08	4.0E-08	7.0E-08	3.9E-09	1.7E-09	9.4E-10	6.5E-09	2.1E-08	3.4E-08
263	UCART1	592687.59	4123079.92	592687.59, 4123079.92	6.56E-05	7.75E-05	6.48E-05	2.08E-04	4.3E-08	5.1E-08	4.3E-08	7.4E-08	4.1E-09	1.8E-09	1.0E-09	6.9E-09	2.2E-08	3.6E-08
264	UCART1	592727.59	4123079.92	592727.59, 4123079.92	7.01E-05	8.45E-05	6.99E-05	2.25E-04	4.6E-08	5.6E-08	4.6E-08	7.9E-08	4.4E-09	2.0E-09	1.1E-09	7.4E-09	2.4E-08	3.9E-08
265	UCART1	592767.59	4123079.92	592767.59, 4123079.92	7.53E-05	9.30E-05	7.58E-05	2.44E-04	5.0E-08	6.2E-08	5.0E-08	8.6E-08	4.7E-09	2.2E-09	1.2E-09	8.1E-09	2.6E-08	4.2E-08
266	UCART1	592807.59	4123079.92	592807.59, 4123079.92	8.09E-05	1.03E-04	8.24E-05	2.66E-04	5.4E-08	6.8E-08	5.5E-08	9.3E-08	5.0E-09	2.4E-09	1.3E-09	8.7E-09	2.8E-08	4.5E-08
267	UCART1	592847.59	4123079.92	592847.59, 4123079.92	8.73E-05	1.14E-04	9.01E-05	2.91E-04	5.8E-08	7.5E-08	6.0E-08	1.0E-07	5.4E-09	2.7E-09	1.4E-09	9.5E-09	3.0E-08	4.9E-08
268	UCART1	592887.59	4123079.92	592887.59, 4123079.92	9.47E-05	1.28E-04	9.91E-05	3.21E-04	6.3E-08	8.4E-08	6.6E-08	1.1E-07	5.9E-09	3.0E-09	1.5E-09	1.0E-08	3.3E-08	5.4E-08
269	UCART1	592927.59	4123079.92	592927.59, 4123079.92	1.04E-04	1.44E-04	1.10E-04	3.57E-04	6.9E-08	9.5E-08	7.3E-08	1.2E-07	6.5E-09	3.4E-09	1.7E-09	1.2E-08	3.7E-08	6.0E-08
270	UCART1	592967.59	4123079.92	592967.59, 4123079.92	1.14E-04	1.62E-04	1.23E-04	3.98E-04	7.5E-08	1.1E-07	8.1E-08	1.4E-07	7.1E-09	3.8E-09	1.9E-09	1.3E-08	4.3E-08	6.8E-08
271	UCART1	593007.59	4123079.92	593007.59, 4123079.92	1.27E-04	1.84E-04	1.39E-04	4.50E-04	8.4E-08	1.2E-07	9.2E-08	1.7E-07	7.9E-09	4.3E-09	2.2E-09	1.4E-08	5.0E-08	7.9E-08
272	UCART1	593047.59	4123079.92	593047.59, 4123079.92	1.41E-04	2.11E-04	1.58E-04	5.10E-04	9.3E-08	1.4E-07	1.0E-07	1.8E-07	8.8E-09	4.9E-09	2.5E-09	1.6E-08	5.5E-08	8.8E-08
273	UCART1	593087.59	4123079.92	593087.59, 4123079.92	1.56E-04	2.43E-04	1.81E-04	5.80E-04	1.0E-07	1.6E-07	1.2E-07	2.0E-07	9.8E-09	5.7E-09	2.8E-09	1.8E-08	6.1E-08	9.8E-08
274	UCART1	593127.59	4123079.92	593127.59, 4123079.92	1.76E-04	2.81E-04	2.11E-04	6.67E-04	1.2E-07	1.9E-07	1.4E-07	2.3E-07	1.1E-08	6.6E-09	3.3E-09	2.1E-08	6.8E-08	1.1E-07
275	UCART1	593167.59	4123079.92	593167.59, 4123079.92	1.99E-04	3.24E-04	2.47E-04	7.69E-04	1.3E-07	2.1E-07	1.6E-07	2.5E-07	1.2E-08	7.6E-09	3.8E-09	2.4E-08	7.5E-08	1.2E-07
276	UCART1	593207.59	4123079.92	593207.59, 4123079.92	2.26E-04	3.73E-04	2.93E-04	8.92E-04	1.5E-07	2.5E-07	1.9E-07	2.8E-07	1.4E-08	8.7E-09	4.6E-09	2.7E-08	8.3E-08	1.4E-07
277	UCART1	593247.59	4123079.92	593247.59, 4123079.92	2.58E-04	4.31E-04	3.53E-04	1.04E-03	1.7E-07	2.9E-07	2.3E-07	3.1E-07	1.6E-08	1.0E-08	5.5E-09	3.2E-08	9.1E-08	1.5E-07
278	UCART1	593287.59	4123079.92	593287.59, 4123079.92	2.92E-04	4.87E-04	4.16E-04	1.19E-03	1.9E-07	3.2E-07	2.8E-07	3.3E-07	1.8E-08	1.1E-08	6.5E-09	3.6E-08	9.9E-08	1.7E-07
279	UCART1	593327.59	4123079.92	593327.59, 4123079.92	3.34E-04	5.41E-04	4.97E-04	1.37E-03	2.2E-07	3.6E-07	3.3E-07	3.6E-07	2.1E-08	1.3E-08	7.8E-09	4.1E-08	1.1E-07	1.9E-07
280	UCART1	593367.59	4123079.92	593367.59, 4123079.92	3.72E-04	5.87E-04	5.74E-04	1.53E-03	2.5E-07	3.9E-07	3.8E-07	4.0E-07	2.3E-08	1.4E-08	9.0E-09	4.6E-08	1.2E-07	2.1E-07
281	UCART1	593407.59	4123079.92	593407.59, 4123079.92	4.16E-04	6.65E-04	6.71E-04	1.75E-03	2.8E-07	4.4E-07	4.4E-07	4.5E-07	2.6E-08	1.6E-08	1.0E-08	5.2E-08	1.3E-07	2.4E-07
282	UCART1	593447.59	4123079.92	593447.59, 4123079.92	4.59E-04	7.89E-04	7.75E-04	2.02E-03	3.0E-07	5.2E-07	5.1E-07	5.1E-07	2.9E-08	1.8E-08	1.2E-08	5.9E-08	1.5E-07	2.7E-07
283	UCART1	593487.59	4123079.92	593487.59, 4123079.92	5.12E-04	9.70E-04	9.28E-04	2.41E-03	3.4E-07	6.4E-07	6.1E-07	5.9E-07	3.2E-08	2.3E-08	1.4E-08	6.9E-08	1.8E-07	3.2E-07
284	UCART1	593527.59	4123079.92	593527.59, 4123079.92	5.68E-04	1.16E-03	1.12E-03	2.85E-03	3.8E-07	7.6E-07	7.4E-07	6.7E-07	3.5E-08	2.7E-08	1.7E-08	8.0E-08	2.0E-07	3.6E-07
285	UCART1	593567.59	4123079.92	593567.59, 4123079.92	6.39E-04	1.30E-03	1.36E-03	3.30E-03	4.2E-07	8.6E-07	9.0E-07	7.6E-07	4.0E-08	3.0E-08	2.1E-08	9.2E-08	2.3E-07	4.1E-07
286	UCART1	593607.59	4123079.92	593607.59, 4123079.92	7.17E-04	1.38E-03	1.58E-03	3.67E-03	4.7E-07	9.1E-07	1.0E-06	8.3E-07	4.5E-08	3.2E-08	2.5E-08	1.0E-07	2.5E-07	4.5E-07
287	UCART1	593647.59	4123079.92	593647.59, 4123079.92	8.14E-04	1.38E-03	1.75E-03	3.94E-03	5.4E-07	9.1E-07	1.2E-06	9.1E-07	5.1E-08	3.2E-08	2.7E-08	1.1E-07	2.7E-07	4.9E-07
288	UCART1	593687.59	4123079.92	593687.59, 4123079.92	9.30E-04	1.32E-03	1.81E-03	4.06E-03	6.2E-07	8.7E-07	1.2E-06	9.7E-07	5.8E-08	3.1E-08	2.8E-08	1.2E-07	2.9E-07	5.2E-07
289	UCART1	593727.59	4123079.92	593727.59, 4123079.92	1.05E-03	1.22E-03	1.77E-03	4.04E-03	6.9E-07	8.0E-07	1.2E-06	1.0E-06	6.5E-08	2.8E-08	2.8E-08	1.2E-07	3.0E-07	5.4E-07
290	UCART1	593767.59	4123079.92	593767.59, 4123079.92	1.15E-03	1.10E-03	1.64E-03	3.89E-03	7.6E-07	7.3E-07	1.1E-06	1.0E-06	7.2E-08	2.6E-08	2.6E-08	1.2E-07	3.0E-07	5.5E-07
291	UCART1	593807.59	4123079.92	593807.59, 4123079.92	1.22E-03	9.71E-04	1.47E-03	3.66E-03	8.1E-07	6.4E-07	9.7E-07	1.0E-06	7.6E-08	2.3E-08	2.3E-08	1.2E-07	3.0E-07	5.4E-07
292	UCART1	593847.59	4123079.92	593847.59, 4123079.92	1.24E-03	8.48E-04	1.27E-03	3.36E-03	8.2E-07	5.6E-07	8.4E-07	9.8E-07	7.7E-08	2.0E-08	2.0E-08	1.2E-07	2.9E-07	5.3E-07
293	UCART1	593887.59	4123079.92	593887.59, 4123079.92	1.22E-03	7.33E-04	1.08E-03	3.03E-03	8.1E-07	4.9E-07	7.1E-07	9.3E-07	7.6E-08	1.7E-08	1.7E-08	1.1E-07	2.8E-07	5.0E-07
294	UCART1	593927.59	4123079.92	593927.59, 4123079.92	1.17E-03	6.30E-04	9.04E-04	2.70E-03	7.7E-07	4.2E-07	6.0E-07	8.7E-07	7.3E-08	1.5E-08	1.4E-08	1.0E-07	2.6E-07	4.6E-07
295	UCART1	593967.59	4123079.92	593967.59, 4123079.92	1.09E-03	5.38E-04	7.55E-04	2.38E-03	7.2E-07	3.6E-07	5.0E-07	8.0E-07	6.8E-08	1.3E-08	1.2E-08	9.2E-08	2.4E-07	4.3E-07
296	UCART1	594007.59	4123079.92	594007.59, 4123079.92	9.99E-04	4.59E-04	6.29E-04	2.09E-03	6.6E-07	3.0E-07	4.2E-07	7.4E-07	6.2E-08	1.1E-08	9.8E-09	8.3E-08	2.2E-07	3.9E-07
297	UCART1	592567.59	4123119.92	592567.59, 4123119.92	6.00E-05	6.85E-05	5.73E-05	1.86E-04	4.0E-08	4.5E-08	3.8E-08	7.6E-08	3.7E-09	1.6E-09	8.9E-10	6.2E-09	2.3E-08	3.5E-08
298	UCART1	592607.59	4123119.92	592607.59, 4123119.92	6.39E-05	7.38E-05	6.14E-05	1.99E-04	4.2E-08	4.9E-08	4.1E-08	8.1E-08	4.0E-09	1.7E-09	9.6E-10	6.7E-09	2.4E-08	3.8E-08
299	UCART1	592647.59	4123119.92	592647.59, 4123119.92	6.71E-05	7.86E-05	6.53E-05	2.11E-04	4.4E-08	5.2E-08	4.3E-08	7.8E-08	4.2E-09	1.8E-09	1.0E-09	7.0E-09	2.3E-08	3.7E-08
300	UCART1	592687.59	4123119.92	592687.59, 4123119.92	7.12E-05	8.42E-05	7.00E-05	2.25E-04	4.7E-08	5.6E-08	4.6E-08	8.1E-08	4.4E-09	2.0E-09	1.1E-09	7.5E-09	2.4E-08	3.9E-08
301	UCART1	592727.59	4123119.92	592727.59, 4123119.92	7.65E-05	9.20E-05	7.59E-05	2.44E-04	5.1E-08	6.1E-08	5.0E-08	8.7E-08	4.8E-09	2.2E-09	1.2E-09	8.1E-09	2.6E-08	4.2E-08
302	UCART1	592767.59	4123119.92	592767.59, 4123119.92	8.25E-05	1.02E-04	8.28E-05	2.67E-04	5.5E-08	6.7E-08	5.5E-08	9.4E-08	5.1E-09	2.4E-09	1.3E-09	8.8E-09	2.8E-08	4.6E-08
303	UCART1	592807.59	4123119.92	592807.59, 4123119.92	8.92E-05	1.13E-04	9.06E-05	2.93E-04	5.9E-08	7.5E-08	6.0E-08	1.0E-07	5.6E-09	2.6E-09	1.4E-09	9.6E-09	3.0E-08	5.0E-08
304	UCART1	592847.59	4123119.92	592847.59, 4123119.92	9.70E-05	1.26E-04	9.98E-05	3.23E-04	6.4E-08	8.4E-08	6.6E-08	1.1E-07	6.0E-09	3.0E-09	1.6E-09	1.1E-08	3.3E-08	5.4E-08
305	UCART1	592887.59	4123119.92	592887.59, 4123119.92	1.06E-04	1.43E-04	1.11E-04	3.60E-04	7.0E-08	9.4E-08	7.3E-08	1.2E-07	6.6E-09	3.3E-09	1.7E-09	1.2E-08	3.7E-08	6.0E-08
306	UCART1	592927.59	4123119.92	592927.59, 4123119.92	1.18E-04	1.62E-04	1.24E-04	4.05E-04	7.8E-08	1.1E-07	8.2E-08	1.4E-07	7.4E-09	3.8E-09	1.9E-09	1.3E-08	4.3E-08	6.9E-08
307	UCART1	592967.59	4123119.92	592967.59, 4123119.92	1.32E-04	1.85E-04	1.41E-04	4.57E-04	8.7E-08	1.2E-07	9.3E-08	1.6E-07	8.2E-09	4.3E-09	2.2E-09	1.5E-08	4.8E-08	7.7E-08
308	UCART1	593007.59	4123119.92	593007.59, 4123119.92	1.47E-04	2.14E-04	1.61E-04	5.21E-04	9.7E-08	1.4E-07	1.1E-07	1.9E-07	9.2E-09	5.0E-09	2.5E-09	1.7E-08	5.6E-08	8.9E-08
309	UCART1	593047.59	4123119.92	593047.59, 4123119.92	1.65E-04	2.49E-04	1.85E-04	5.98E-04	1.1E-07	1.6E-07	1.2E-07	2.1E-07	1.0E-08	5.8E-09	2.9E-09	1.9E-08	6.2E-08	1.0E-07
310	UCART1	593087.59	4123119.92	593087.59, 4123119.92	1.86E-04	2.94E-04	2.15E-04	6.95E-04	1.2E-07	1.9E-07	1.4E-07	2.4E-07	1.2E-08	6.9E-09	3.4E-09	2.2E-08	7.0E-08	1.1E-07
311	UCART1	593127.59	4123119.92	593127.59, 4123119.92	2.12E-04	3.49E-04	2.55E-04	8.16E-04	1.4E-07	2.3E-07	1.7E-07	2.7E-07	1.3E-08	8.2E-09	4.0E-09	2.5E-08	7.9E-08	1.3E-07
312	UCART1	593167.59	4123119.92	593167.59, 4123119.92	2.42E-04	4.17E-04	3.05E-04	9.63E-04	1.6E-07	2.8E-07	2.0E-07	3.0E-07	1.5E-08	9.7E-09	4.7E-09	3.0E-08	8.9E-08	1.5E-07
313	UCART1	593207.59	4123119.92	593207.59, 4123119.92	2.80E-04	4.97E-04	3.70E-04	1.15E-03	1.9E-07	3.3E-07	2.4E-07	3.4E-07	1.7E-08	1.2E-08	5.8E-09	3.5E-08	1.0E-07	1.7E-07
314	UCART1	593247.59	4123119.92	593247.59, 4123119.92	3.28E-04	5.94E-04	4.59E-04	1.38E-03	2.2E-07	3.9E-07	3.0E-07	3.8E-07	2.0E-08	1.4E-08	7.2E-09	4.1E-08	1.1E-07	2.0E-07
315	UCART1	593287.59	4123119.92	593287.59, 4123119.92	3.78E-04	6.91E-04	5.61E-04	1.63E-03	2.5E-07	4.6E-07	3.7E-07	4.2E-07	2.4E-08	1.6E-08	8.7E-09	4.8E-08	1.3E-07	2.2E-07
316	UCART1	593327.59	4123119.92	593327.59, 4123119.92	4.33E-04	7.88E-04	6.91E-04	1.91E-03	2.9E-07	5.2E-07	4.6E-07	4.7E-07	2.7E-08	1.8E-08	1.1E-08	5.6E-08	1.4E-07	2.5E-07
317	UCART1	593367.59	4123119.92	593367.59, 4123119.92	4.86E-04	8.86E-04	8.27E-04	2.20E-03	3.2E-07	5.9E-07	5.5E-07	5.3E-07	3.0E-08	2.1E-08	1.3E-08	6.4E-08	1.6E-07	2.9E-07

318	UCART1	593407.59	4123119.92	593407.59, 4123119.92	5.45E-04	1.07E-03	9.97E-04	2.61E-03	3.6E-07	7.1E-07	6.6E-07	6.1E-07	3.4E-08	2.5E-08	1.6E-08	7.5E-08	1.8E-07	3.3E-07
319	UCART1	593447.59	4123119.92	593447.59, 4123119.92	6.10E-04	1.35E-03	1.21E-03	3.17E-03	4.0E-07	8.9E-07	8.0E-07	7.2E-07	3.8E-08	3.2E-08	1.9E-08	8.9E-08	2.1E-07	3.9E-07
320	UCART1	593487.59	4123119.92	593487.59, 4123119.92	6.94E-04	1.66E-03	1.52E-03	3.88E-03	4.6E-07	1.1E-06	1.0E-06	8.3E-07	4.3E-08	3.9E-08	2.4E-08	1.1E-07	2.5E-07	4.6E-07
321	UCART1	593527.59	4123119.92	593527.59, 4123119.92	7.90E-04	1.87E-03	1.90E-03	4.56E-03	5.2E-07	1.2E-06	1.3E-06	9.4E-07	4.9E-08	4.4E-08	3.0E-08	1.2E-07	2.8E-07	5.3E-07
322	UCART1	593567.59	4123119.92	593567.59, 4123119.92	9.11E-04	1.95E-03	2.29E-03	5.14E-03	6.0E-07	1.3E-06	1.5E-06	1.0E-06	5.7E-08	4.6E-08	3.6E-08	1.4E-07	3.1E-07	5.9E-07
323	UCART1	593607.59	4123119.92	593607.59, 4123119.92	1.05E-03	1.88E-03	2.56E-03	5.49E-03	6.9E-07	1.2E-06	1.7E-06	1.1E-06	6.5E-08	4.4E-08	4.0E-08	1.5E-07	3.4E-07	6.4E-07
324	UCART1	593647.59	4123119.92	593647.59, 4123119.92	1.22E-03	1.74E-03	2.66E-03	5.62E-03	8.1E-07	1.1E-06	1.8E-06	1.2E-06	7.6E-08	4.1E-08	4.2E-08	1.6E-07	3.6E-07	6.8E-07
325	UCART1	593687.59	4123119.92	593687.59, 4123119.92	1.41E-03	1.55E-03	2.56E-03	5.51E-03	9.3E-07	1.0E-06	1.7E-06	1.3E-06	8.8E-08	3.6E-08	4.0E-08	1.6E-07	3.8E-07	7.0E-07
326	UCART1	593727.59	4123119.92	593727.59, 4123119.92	1.57E-03	1.35E-03	2.30E-03	5.22E-03	1.0E-06	8.9E-07	1.5E-06	1.3E-06	9.8E-08	3.2E-08	3.6E-08	1.7E-07	3.8E-07	7.1E-07
327	UCART1	593767.59	4123119.92	593767.59, 4123119.92	1.66E-03	1.16E-03	1.97E-03	4.79E-03	1.1E-06	7.7E-07	1.3E-06	1.3E-06	1.0E-07	2.7E-08	3.1E-08	1.6E-07	3.7E-07	7.0E-07
328	UCART1	593807.59	4123119.92	593807.59, 4123119.92	1.68E-03	9.84E-04	1.64E-03	4.30E-03	1.1E-06	6.5E-07	1.1E-06	1.2E-06	1.0E-07	2.3E-08	2.6E-08	1.5E-07	3.6E-07	6.6E-07
329	UCART1	593847.59	4123119.92	593847.59, 4123119.92	1.62E-03	8.31E-04	1.33E-03	3.79E-03	1.1E-06	5.5E-07	8.8E-07	1.1E-06	1.0E-07	1.9E-08	2.1E-08	1.4E-07	3.4E-07	6.2E-07
330	UCART1	593887.59	4123119.92	593887.59, 4123119.92	1.52E-03	6.98E-04	1.08E-03	3.30E-03	1.0E-06	4.6E-07	7.1E-07	1.0E-06	9.5E-08	1.6E-08	1.7E-08	1.3E-07	3.1E-07	5.7E-07
331	UCART1	593927.59	4123119.92	593927.59, 4123119.92	1.39E-03	5.84E-04	8.71E-04	2.85E-03	9.2E-07	3.9E-07	5.8E-07	9.4E-07	8.7E-08	1.4E-08	1.4E-08	1.1E-07	2.8E-07	5.1E-07
332	UCART1	593967.59	4123119.92	593967.59, 4123119.92	1.25E-03	4.90E-04	7.06E-04	2.44E-03	8.3E-07	3.2E-07	4.7E-07	8.5E-07	7.8E-08	1.1E-08	1.1E-08	1.0E-07	2.5E-07	4.5E-07
333	UCART1	594007.59	4123119.92	594007.59, 4123119.92	1.10E-03	4.11E-04	5.75E-04	2.09E-03	7.3E-07	2.7E-07	3.8E-07	7.6E-07	6.9E-08	9.6E-09	9.0E-09	8.7E-08	2.3E-07	4.0E-07
334	UCART1	592567.59	4123159.92	592567.59, 4123159.92	6.39E-05	7.27E-05	6.08E-05	1.97E-04	4.2E-08	4.8E-08	4.0E-08	8.1E-08	4.0E-09	1.7E-09	9.5E-10	6.6E-09	2.4E-08	3.7E-08
335	UCART1	592607.59	4123159.92	592607.59, 4123159.92	6.84E-05	7.87E-05	6.55E-05	2.13E-04	4.5E-08	5.2E-08	4.3E-08	8.6E-08	4.3E-09	1.8E-09	1.0E-09	7.1E-09	2.6E-08	4.0E-08
336	UCART1	592647.59	4123159.92	592647.59, 4123159.92	7.34E-05	8.54E-05	7.07E-05	2.30E-04	4.9E-08	5.7E-08	4.7E-08	9.3E-08	4.6E-09	2.0E-09	1.1E-09	7.7E-09	2.8E-08	4.3E-08
337	UCART1	592687.59	4123159.92	592687.59, 4123159.92	7.76E-05	9.18E-05	7.59E-05	2.45E-04	5.1E-08	6.1E-08	5.0E-08	8.9E-08	4.8E-09	2.1E-09	1.2E-09	8.2E-09	2.7E-08	4.3E-08
338	UCART1	592727.59	4123159.92	592727.59, 4123159.92	8.38E-05	1.00E-04	8.26E-05	2.67E-04	5.5E-08	6.6E-08	5.5E-08	9.5E-08	5.2E-09	2.3E-09	1.3E-09	8.9E-09	2.8E-08	4.6E-08
339	UCART1	592767.59	4123159.92	592767.59, 4123159.92	9.11E-05	1.11E-04	9.06E-05	2.93E-04	6.0E-08	7.4E-08	6.0E-08	1.0E-07	5.7E-09	2.6E-09	1.4E-09	9.7E-09	3.1E-08	5.0E-08
340	UCART1	592807.59	4123159.92	592807.59, 4123159.92	9.94E-05	1.24E-04	1.00E-04	3.24E-04	6.6E-08	8.2E-08	6.6E-08	1.1E-07	6.2E-09	2.9E-09	1.6E-09	1.1E-08	3.4E-08	5.5E-08
341	UCART1	592847.59	4123159.92	592847.59, 4123159.92	1.09E-04	1.40E-04	1.11E-04	3.61E-04	7.2E-08	9.3E-08	7.4E-08	1.2E-07	6.8E-09	3.3E-09	1.7E-09	1.2E-08	3.7E-08	6.0E-08
342	UCART1	592887.59	4123159.92	592887.59, 4123159.92	1.22E-04	1.60E-04	1.25E-04	4.07E-04	8.1E-08	1.1E-07	8.3E-08	1.4E-07	7.6E-09	3.7E-09	1.9E-09	1.3E-08	4.1E-08	6.7E-08
343	UCART1	592927.59	4123159.92	592927.59, 4123159.92	1.37E-04	1.84E-04	1.42E-04	4.63E-04	9.1E-08	1.2E-07	9.4E-08	1.6E-07	8.6E-09	4.3E-09	2.2E-09	1.5E-08	4.8E-08	7.8E-08
344	UCART1	592967.59	4123159.92	592967.59, 4123159.92	1.55E-04	2.13E-04	1.62E-04	5.30E-04	1.0E-07	1.4E-07	1.1E-07	1.9E-07	9.6E-09	5.0E-09	2.5E-09	1.7E-08	5.6E-08	9.0E-08
345	UCART1	593007.59	4123159.92	593007.59, 4123159.92	1.74E-04	2.50E-04	1.87E-04	6.11E-04	1.2E-07	1.7E-07	1.2E-07	2.1E-07	1.1E-08	5.8E-09	2.9E-09	2.0E-08	6.3E-08	1.0E-07
346	UCART1	593047.59	4123159.92	593047.59, 4123159.92	1.95E-04	2.96E-04	2.16E-04	7.08E-04	1.3E-07	2.0E-07	1.4E-07	2.4E-07	1.2E-08	6.9E-09	3.4E-09	2.2E-08	7.1E-08	1.2E-07
347	UCART1	593087.59	4123159.92	593087.59, 4123159.92	2.21E-04	3.57E-04	2.55E-04	8.34E-04	1.5E-07	2.4E-07	1.7E-07	2.7E-07	1.4E-08	8.4E-09	4.0E-09	2.6E-08	8.1E-08	1.3E-07
348	UCART1	593127.59	4123159.92	593127.59, 4123159.92	2.57E-04	4.38E-04	3.06E-04	1.00E-03	1.7E-07	2.9E-07	2.0E-07	3.1E-07	1.6E-08	1.0E-08	4.8E-09	3.1E-08	9.3E-08	1.6E-07
349	UCART1	593167.59	4123159.92	593167.59, 4123159.92	3.04E-04	5.46E-04	3.79E-04	1.23E-03	2.0E-07	3.6E-07	2.5E-07	3.6E-07	1.9E-08	1.3E-08	5.9E-09	3.8E-08	1.1E-07	1.8E-07
350	UCART1	593207.59	4123159.92	593207.59, 4123159.92	3.70E-04	6.88E-04	4.80E-04	1.54E-03	2.4E-07	4.6E-07	3.2E-07	4.2E-07	2.3E-08	1.6E-08	7.5E-09	4.7E-08	1.2E-07	2.2E-07
351	UCART1	593247.59	4123159.92	593247.59, 4123159.92	4.47E-04	8.68E-04	6.17E-04	1.93E-03	3.0E-07	5.7E-07	4.1E-07	4.8E-07	2.8E-08	2.0E-08	9.6E-09	5.8E-08	1.4E-07	2.6E-07
352	UCART1	593287.59	4123159.92	593287.59, 4123159.92	5.17E-04	1.06E-03	7.84E-04	2.36E-03	3.4E-07	7.0E-07	5.2E-07	5.5E-07	3.2E-08	2.5E-08	1.2E-08	6.9E-08	1.6E-07	3.0E-07
353	UCART1	593327.59	4123159.92	593327.59, 4123159.92	5.86E-04	1.26E-03	1.00E-03	2.85E-03	3.9E-07	8.3E-07	6.6E-07	6.4E-07	3.7E-08	2.9E-08	1.6E-08	8.2E-08	1.9E-07	3.5E-07
354	UCART1	593367.59	4123159.92	593367.59, 4123159.92	6.58E-04	1.53E-03	1.27E-03	3.46E-03	4.4E-07	1.0E-06	8.4E-07	7.5E-07	4.1E-08	3.6E-08	2.0E-08	9.7E-08	2.2E-07	4.2E-07
355	UCART1	593407.59	4123159.92	593407.59, 4123159.92	7.44E-04	2.03E-03	1.62E-03	4.40E-03	4.9E-07	1.3E-06	1.1E-06	9.0E-07	4.6E-08	4.8E-08	2.5E-08	1.2E-07	2.7E-07	5.1E-07
356	UCART1	593447.59	4123159.92	593447.59, 4123159.92	8.51E-04	2.59E-03	2.15E-03	5.59E-03	5.6E-07	1.7E-06	1.4E-06	1.1E-06	5.3E-08	6.1E-08	3.4E-08	1.5E-07	3.2E-07	6.2E-07
357	UCART1	593487.59	4123159.92	593487.59, 4123159.92	9.94E-04	2.91E-03	2.84E-03	6.74E-03	6.6E-07	1.9E-06	1.9E-06	1.2E-06	6.2E-08	6.8E-08	4.4E-08	1.7E-07	3.7E-07	7.1E-07
358	UCART1	593527.59	4123159.92	593527.59, 4123159.92	1.18E-03	2.90E-03	3.54E-03	7.61E-03	7.8E-07	1.9E-06	2.3E-06	1.3E-06	7.3E-08	6.8E-08	5.5E-08	2.0E-07	4.0E-07	8.0E-07
359	UCART1	593567.59	4123159.92	593567.59, 4123159.92	1.40E-03	2.67E-03	4.06E-03	8.13E-03	9.3E-07	1.8E-06	2.7E-06	1.5E-06	8.7E-08	6.2E-08	6.3E-08	2.1E-07	4.4E-07	8.6E-07
360	UCART1	593607.59	4123159.92	593607.59, 4123159.92	1.67E-03	2.33E-03	4.22E-03	8.22E-03	1.1E-06	1.5E-06	2.8E-06	1.6E-06	1.0E-07	5.5E-08	6.6E-08	2.2E-07	4.7E-07	9.2E-07
361	UCART1	593647.59	4123159.92	593647.59, 4123159.92	2.00E-03	1.99E-03	3.96E-03	7.94E-03	1.3E-06	1.3E-06	2.6E-06	1.6E-06	1.2E-07	4.6E-08	6.2E-08	2.3E-07	4.9E-07	9.5E-07
362	UCART1	593687.59	4123159.92	593687.59, 4123159.92	2.28E-03	1.66E-03	3.40E-03	7.34E-03	1.5E-06	1.1E-06	2.2E-06	1.6E-06	1.4E-07	3.9E-08	5.3E-08	2.3E-07	4.9E-07	9.6E-07
363	UCART1	593727.59	4123159.92	593727.59, 4123159.92	2.42E-03	1.38E-03	2.75E-03	6.54E-03	1.6E-06	9.1E-07	1.8E-06	1.6E-06	1.5E-07	3.2E-08	4.3E-08	2.3E-07	4.8E-07	9.3E-07
364	UCART1	593767.59	4123159.92	593767.59, 4123159.92	2.39E-03	1.14E-03	2.15E-03	5.67E-03	1.6E-06	7.5E-07	1.4E-06	1.5E-06	1.5E-07	2.7E-08	3.3E-08	2.1E-07	4.5E-07	8.7E-07
365	UCART1	593807.59	4123159.92	593807.59, 4123159.92	2.25E-03	9.36E-04	1.66E-03	4.85E-03	1.5E-06	6.2E-07	1.1E-06	1.4E-06	1.4E-07	2.2E-08	2.6E-08	1.9E-07	4.1E-07	7.9E-07
366	UCART1	593847.59	4123159.92	593847.59, 4123159.92	2.05E-03	7.67E-04	1.28E-03	4.10E-03	1.4E-06	5.1E-07	8.5E-07	1.3E-06	1.3E-07	1.8E-08	2.0E-08	1.7E-07	3.7E-07	7.1E-07
367	UCART1	593887.59	4123159.92	593887.59, 4123159.92	1.83E-03	6.29E-04	9.94E-04	3.45E-03	1.2E-06	4.2E-07	6.6E-07	1.1E-06	1.1E-07	1.5E-08	1.6E-08	1.4E-07	3.3E-07	6.2E-07
368	UCART1	593927.59	4123159.92	593927.59, 4123159.92	1.59E-03	5.17E-04	7.80E-04	2.89E-03	1.1E-06	3.4E-07	5.2E-07	9.8E-07	9.9E-08	1.2E-08	1.2E-08	1.2E-07	2.9E-07	5.4E-07
369	UCART1	593967.59	4123159.92	593967.59, 4123159.92	1.37E-03	4.27E-04	6.20E-04	2.41E-03	9.0E-07	2.8E-07	4.1E-07	8.6E-07	8.5E-08	1.0E-08	9.7E-09	1.0E-07	2.6E-07	4.7E-07
370	UCART1	594007.59	4123159.92	594007.59, 4123159.92	1.16E-03	3.55E-04	4.99E-04	2.01E-03	7.7E-07	2.3E-07	3.3E-07	7.5E-07	7.2E-08	8.3E-09	7.8E-09	8.8E-08	2.2E-07	4.0E-07
371	UCART1	592567.59	4123199.92	592567.59, 4123199.92	6.79E-05	7.68E-05	6.46E-05	2.09E-04	4.5E-08	5.1E-08	4.3E-08	8.6E-08	4.2E-09	1.8E-09	1.0E-09	7.0E-09	2.6E-08	4.0E-08
372	UCART1	592607.59	4123199.92	592607.59, 4123199.92	7.31E-05	8.35E-05	6.99E-05	2.26E-04	4.8E-08	5.5E-08	4.6E-08	9.2E-08	4.6E-09	2.0E-09	1.1E-09	7.6E-09	2.7E-08	4.3E-08
373	UCART1	592647.59	4123199.92	592647.59, 4123199.92	7.92E-05	9.13E-05	7.60E-05	2.46E-04	5.2E-08	6.0E-08	5.0E-08	9.9E-08	4.9E-09	2.1E-09	1.2E-09	8.3E-09	2.9E-08	4.6E-08
374	UCART1	592687.59	4123199.92	592687.59, 4123199.92	8.55E-05	9.98E-05	8.28E-05	2.68E-04	5.7E-08	6.6E-08	5.5E-08	1.0E-07	5.3E-09	2.3E-09	1.3E-09	9.0E-09	3.1E-08	4.9E-08
375	UCART1	592727.59	4123199.92	592727.59, 4123199.92	9.27E-05	1.09E-04	9.04E-05	2.92E-04	6.1E-08	7.2E-08	6.0E-08	1.0E-07	5.8E-09	2.6E-09	1.4E-09	9.7E-09	3.1E-08	5.1E-08
376	UCART1	592767.59	4123199.92	592767.59, 4123199.92	1.02E-04	1.22E-04	1.00E-04	3.24E-04	6.8E-08	8.1E-08	6.6E-08	1.1E-07	6.4E-09	2.8E-09	1.6E-09	1.1E-08	3.4E-08	5.6E-08
377	UCART1	592807.59	4123199.92	592807.59, 4123199.92	1.13E-04	1.37E-04	1.11E-04	3.62E-04	7.5E-08	9.1E-08	7.4E-08	1.2E-07	7.1E-09	3.2E-09	1.7E-09	1.2E-08	3.7E-08	6.1E-08
378	UCART1	592847.59	4123199.92	592847.59, 4123199.92	1.28E-04	1.57E-04	1.26E-04	4.10E-04	8.5E-08	1.0E-07	8.3E-08	1.4E-07	8.0E-09	3.7E-09	2.0E-09	1.4E-08	4.3E-08	7.0E-08
379	UCART1	592887.59	4123199.92	592887.59, 4123199.92	1.46E-04	1.80E-04	1.44E-04	4.70E-04	9.7E-08	1.2E-07	9.5E-08	1.6E-07	9.1E-09	4.2E-09	2.2E-09	1.6E-08	4.8E-08	7.9E-08
380	UCART1	592927.59	4123199.92	592927.59, 4123199.92	1.66E-04	2.09E-04	1.65E-04	5.40E-04	1.1E-07	1.4E-07	1.1E-07	1.9E-07	1.0E-08	4.9E-09	2.6E-09	1.8E-08	5.6E-08	9.1E-08
381	UCART1	592967.59	4123199.92	592967.59, 4123199.92	1.87E-04	2.46E-04	1.89E-04	6.22E-04	1.2E-07	1.6E-07	1.3E-07	2.1E-07	1.2E-08	5.8E-09	2.9E-09	2.0E-08	6.3E-08	1.0E-07
382	UCART1	593007.59	4123199.92	593007.59, 4123199.92	2.08E-04	2.92E-04	2.18E-04	7.19E-04	1.4E-07	1.9E-07	1.4E-07	2.4E-07	1.3E-08	6.8E-09	3.4E-09	2.3E-08	7.1E-08	1.2E-07
383	UCART1	593047.59	4123199.92	593047.59, 4123199.92	2.36E-04	3.55E-04	2.56E-04	8.47E-04	1.6E-07	2.3E-07	1.7E-07	2.7E-07	1.5E-08	8.3E-09	4.0E-09	2.7E-08	8.1E-08	1.4E-07

384	UCART1	593087.59	4123199.92	593087.59, 4123199.92	2.75E-04	4.41E-04	3.08E-04	1.02E-03	1.8E-07	2.9E-07	2.0E-07	3.2E-07	1.7E-08	1.0E-08	4.8E-09	3.2E-08	9.4E-08	1.6E-07
385	UCART1	593127.59	4123199.92	593127.59, 4123199.92	3.32E-04	5.60E-04	3.80E-04	1.27E-03	2.2E-07	3.7E-07	2.5E-07	3.7E-07	2.1E-08	1.3E-08	5.9E-09	4.0E-08	1.1E-07	1.9E-07
386	UCART1	593167.59	4123199.92	593167.59, 4123199.92	4.39E-04	7.39E-04	5.00E-04	1.68E-03	2.9E-07	4.9E-07	3.3E-07	4.4E-07	2.7E-08	1.7E-08	7.8E-09	5.2E-08	1.3E-07	2.4E-07
387	UCART1	593207.59	4123199.92	593207.59, 4123199.92	5.93E-04	1.00E-03	6.74E-04	2.27E-03	3.9E-07	6.6E-07	4.5E-07	5.3E-07	3.7E-08	2.3E-08	1.1E-08	7.1E-08	1.6E-07	3.0E-07
388	UCART1	593247.59	4123199.92	593247.59, 4123199.92	6.98E-04	1.38E-03	8.80E-04	2.96E-03	4.6E-07	9.1E-07	5.8E-07	6.4E-07	4.4E-08	3.2E-08	1.4E-08	9.0E-08	1.9E-07	3.7E-07
389	UCART1	593287.59	4123199.92	593287.59, 4123199.92	7.75E-04	1.86E-03	1.16E-03	3.80E-03	5.1E-07	1.2E-06	7.7E-07	7.8E-07	4.8E-08	4.4E-08	1.8E-08	1.1E-07	2.3E-07	4.5E-07
390	UCART1	593327.59	4123199.92	593327.59, 4123199.92	8.61E-04	2.47E-03	1.59E-03	4.91E-03	5.7E-07	1.6E-06	1.1E-06	9.7E-07	5.4E-08	5.8E-08	2.5E-08	1.4E-07	2.9E-07	5.6E-07
391	UCART1	593367.59	4123199.92	593367.59, 4123199.92	9.63E-04	3.52E-03	2.19E-03	6.68E-03	6.4E-07	2.3E-06	1.5E-06	1.2E-06	6.0E-08	8.2E-08	3.4E-08	1.8E-07	3.7E-07	7.3E-07
392	UCART1	593407.59	4123199.92	593407.59, 4123199.92	1.10E-03	4.74E-03	3.16E-03	9.00E-03	7.3E-07	3.1E-06	2.1E-06	1.5E-06	6.8E-08	1.1E-07	4.9E-08	2.3E-07	4.6E-07	9.1E-07
393	UCART1	593447.59	4123199.92	593447.59, 4123199.92	1.29E-03	5.09E-03	4.67E-03	1.10E-02	8.5E-07	3.4E-06	3.1E-06	1.7E-06	8.0E-08	1.2E-07	7.3E-08	2.7E-07	5.2E-07	1.1E-06
394	UCART1	593487.59	4123199.92	593487.59, 4123199.92	1.56E-03	4.63E-03	6.15E-03	1.24E-02	1.0E-06	3.1E-06	4.1E-06	1.8E-06	9.7E-08	1.1E-07	9.6E-08	3.0E-07	5.5E-07	1.2E-06
395	UCART1	593527.59	4123199.92	593527.59, 4123199.92	1.96E-03	3.91E-03	7.22E-03	1.31E-02	1.3E-06	2.6E-06	4.8E-06	1.9E-06	1.2E-07	9.2E-08	1.1E-07	3.3E-07	5.8E-07	1.2E-06
396	UCART1	593567.59	4123199.92	593567.59, 4123199.92	2.45E-03	3.20E-03	7.50E-03	1.31E-02	1.6E-06	2.1E-06	5.0E-06	2.1E-06	1.5E-07	7.5E-08	1.2E-07	3.4E-07	6.2E-07	1.3E-06
397	UCART1	593607.59	4123199.92	593607.59, 4123199.92	3.13E-03	2.58E-03	6.80E-03	1.25E-02	2.1E-06	1.7E-06	4.5E-06	2.2E-06	2.0E-07	6.0E-08	1.1E-07	3.6E-07	6.5E-07	1.4E-06
398	UCART1	593647.59	4123199.92	593647.59, 4123199.92	3.73E-03	2.07E-03	5.42E-03	1.12E-02	2.5E-06	1.4E-06	3.6E-06	2.2E-06	2.3E-07	4.8E-08	8.5E-08	3.7E-07	6.5E-07	1.4E-06
399	UCART1	593687.59	4123199.92	593687.59, 4123199.92	3.92E-03	1.65E-03	4.00E-03	9.58E-03	2.6E-06	1.1E-06	2.6E-06	2.1E-06	2.4E-07	3.9E-08	6.2E-08	3.5E-07	6.2E-07	1.3E-06
400	UCART1	593727.59	4123199.92	593727.59, 4123199.92	3.70E-03	1.32E-03	2.87E-03	7.89E-03	2.4E-06	8.7E-07	1.9E-06	1.9E-06	2.3E-07	3.1E-08	4.5E-08	3.1E-07	5.8E-07	1.2E-06
401	UCART1	593767.59	4123199.92	593767.59, 4123199.92	3.31E-03	1.05E-03	2.06E-03	6.42E-03	2.2E-06	6.9E-07	1.4E-06	1.7E-06	2.1E-07	2.5E-08	3.2E-08	2.6E-07	5.2E-07	1.0E-06
402	UCART1	593807.59	4123199.92	593807.59, 4123199.92	2.89E-03	8.37E-04	1.50E-03	5.23E-03	1.9E-06	5.5E-07	9.9E-07	1.5E-06	1.8E-07	2.0E-08	2.3E-08	2.2E-07	4.6E-07	9.0E-07
403	UCART1	593847.59	4123199.92	593847.59, 4123199.92	2.47E-03	6.70E-04	1.11E-03	4.26E-03	1.6E-06	4.4E-07	7.4E-07	1.3E-06	1.5E-07	1.6E-08	1.7E-08	1.9E-07	4.0E-07	7.7E-07
404	UCART1	593887.59	4123199.92	593887.59, 4123199.92	2.08E-03	5.40E-04	8.44E-04	3.46E-03	1.4E-06	3.6E-07	5.6E-07	1.1E-06	1.3E-07	1.3E-08	1.3E-08	1.6E-07	3.4E-07	6.5E-07
405	UCART1	593927.59	4123199.92	593927.59, 4123199.92	1.72E-03	4.39E-04	6.53E-04	2.81E-03	1.1E-06	2.9E-07	4.3E-07	9.7E-07	1.1E-07	1.0E-08	1.0E-08	1.3E-07	2.9E-07	5.5E-07
406	UCART1	593967.59	4123199.92	593967.59, 4123199.92	1.41E-03	3.60E-04	5.16E-04	2.29E-03	9.3E-07	2.4E-07	3.4E-07	8.3E-07	8.8E-08	8.4E-09	8.0E-09	1.0E-07	2.5E-07	4.6E-07
407	UCART1	594007.59	4123199.92	594007.59, 4123199.92	1.15E-03	2.99E-04	4.15E-04	1.86E-03	7.6E-07	2.0E-07	2.7E-07	7.1E-07	7.2E-08	7.0E-09	6.5E-09	8.5E-08	2.1E-07	3.8E-07
408	UCART1	592567.59	4123239.92	592567.59, 4123239.92	7.22E-05	8.12E-05	6.87E-05	2.22E-04	4.8E-08	5.4E-08	4.5E-08	9.0E-08	4.5E-09	1.9E-09	1.1E-09	7.5E-09	2.7E-08	4.2E-08
409	UCART1	592607.59	4123239.92	592607.59, 4123239.92	7.82E-05	8.88E-05	7.45E-05	2.42E-04	5.2E-08	5.9E-08	4.9E-08	9.7E-08	4.9E-09	2.1E-09	1.2E-09	8.1E-09	2.9E-08	4.5E-08
410	UCART1	592647.59	4123239.92	592647.59, 4123239.92	8.56E-05	9.78E-05	8.17E-05	2.65E-04	5.7E-08	6.5E-08	5.4E-08	1.1E-07	5.3E-09	2.3E-09	1.3E-09	8.9E-09	3.1E-08	4.9E-08
411	UCART1	592687.59	4123239.92	592687.59, 4123239.92	9.46E-05	1.08E-04	9.01E-05	2.93E-04	6.3E-08	7.1E-08	6.0E-08	1.1E-07	5.9E-09	2.5E-09	1.4E-09	9.8E-09	3.4E-08	5.4E-08
412	UCART1	592727.59	4123239.92	592727.59, 4123239.92	1.05E-04	1.20E-04	1.00E-04	3.25E-04	7.0E-08	7.9E-08	6.6E-08	1.2E-07	6.6E-09	2.8E-09	1.6E-09	1.1E-08	3.7E-08	5.9E-08
413	UCART1	592767.59	4123239.92	592767.59, 4123239.92	1.18E-04	1.33E-04	1.13E-04	3.64E-04	7.8E-08	8.8E-08	7.4E-08	1.3E-07	7.4E-09	3.1E-09	1.8E-09	1.2E-08	3.7E-08	6.2E-08
414	UCART1	592807.59	4123239.92	592807.59, 4123239.92	1.36E-04	1.52E-04	1.28E-04	4.15E-04	9.0E-08	1.0E-07	8.5E-08	1.4E-07	8.5E-09	3.5E-09	2.0E-09	1.4E-08	4.1E-08	6.9E-08
415	UCART1	592847.59	4123239.92	592847.59, 4123239.92	1.62E-04	1.75E-04	1.49E-04	4.86E-04	1.1E-07	1.2E-07	9.9E-08	1.6E-07	1.0E-08	4.1E-09	2.3E-09	1.7E-08	4.7E-08	8.0E-08
416	UCART1	592887.59	4123239.92	592887.59, 4123239.92	1.89E-04	2.02E-04	1.72E-04	5.64E-04	1.2E-07	1.3E-07	1.1E-07	1.7E-07	1.2E-08	4.7E-09	2.7E-09	1.9E-08	5.1E-08	8.9E-08
417	UCART1	592927.59	4123239.92	592927.59, 4123239.92	2.09E-04	2.37E-04	1.95E-04	6.42E-04	1.4E-07	1.6E-07	1.3E-07	2.1E-07	1.3E-08	5.6E-09	3.0E-09	2.2E-08	6.2E-08	1.0E-07
418	UCART1	592967.59	4123239.92	592967.59, 4123239.92	2.28E-04	2.83E-04	2.21E-04	7.32E-04	1.5E-07	1.9E-07	1.5E-07	2.4E-07	1.4E-08	6.6E-09	3.4E-09	2.4E-08	7.0E-08	1.2E-07
419	UCART1	593007.59	4123239.92	593007.59, 4123239.92	2.51E-04	3.42E-04	2.54E-04	8.48E-04	1.7E-07	2.3E-07	1.7E-07	2.7E-07	1.6E-08	8.0E-09	4.0E-09	2.8E-08	8.1E-08	1.4E-07
420	UCART1	593047.59	4123239.92	593047.59, 4123239.92	2.89E-04	4.25E-04	3.03E-04	1.02E-03	1.9E-07	2.8E-07	2.0E-07	3.1E-07	1.8E-08	9.9E-09	4.7E-09	3.3E-08	9.4E-08	1.6E-07
421	UCART1	593087.59	4123239.92	593087.59, 4123239.92	3.57E-04	5.45E-04	3.77E-04	1.28E-03	2.4E-07	3.6E-07	2.5E-07	3.7E-07	2.2E-08	1.3E-08	5.9E-09	4.1E-08	1.1E-07	1.9E-07
422	UCART1	593127.59	4123239.92	593127.59, 4123239.92	5.36E-04	7.37E-04	5.23E-04	1.80E-03	3.5E-07	4.9E-07	3.5E-07	4.5E-07	3.3E-08	1.7E-08	8.2E-09	5.9E-08	1.3E-07	2.5E-07
423	UCART1	593167.59	4123239.92	593167.59, 4123239.92	8.54E-04	1.05E-03	7.67E-04	2.67E-03	5.7E-07	6.9E-07	5.1E-07	5.5E-07	5.3E-08	2.4E-08	1.2E-08	9.0E-08	1.6E-07	3.4E-07
424	UCART1	593207.59	4123239.92	593207.59, 4123239.92	9.28E-04	1.52E-03	9.46E-04	3.39E-03	6.1E-07	1.0E-06	6.3E-07	6.9E-07	5.8E-08	3.5E-08	1.5E-08	1.1E-07	2.1E-07	4.2E-07
425	UCART1	593247.59	4123239.92	593247.59, 4123239.92	1.04E-03	2.43E-03	1.24E-03	4.72E-03	6.9E-07	1.6E-06	8.2E-07	9.2E-07	6.5E-08	5.7E-08	1.9E-08	1.4E-07	2.7E-07	5.6E-07
426	UCART1	593287.59	4123239.92	593287.59, 4123239.92	1.06E-03	4.31E-03	1.71E-03	7.07E-03	7.0E-07	2.8E-06	1.1E-06	1.3E-06	6.6E-08	1.0E-07	2.7E-08	1.9E-07	3.9E-07	7.7E-07
427	UCART1	593327.59	4123239.92	593327.59, 4123239.92	1.25E-03	8.19E-03	2.73E-03	1.22E-02	8.3E-07	5.4E-06	1.8E-06	2.1E-06	7.8E-08	1.9E-07	4.3E-08	3.1E-07	6.4E-07	1.3E-06
428	UCART1	593367.59	4123239.92	593367.59, 4123239.92	1.36E-03	1.20E-02	4.71E-03	1.80E-02	9.0E-07	7.9E-06	3.1E-06	2.6E-06	8.5E-08	2.8E-07	7.4E-08	4.4E-07	7.8E-07	1.7E-06
429	UCART1	593407.59	4123239.92	593407.59, 4123239.92	1.68E-03	1.08E-02	9.01E-03	2.15E-02	1.1E-06	7.2E-06	6.0E-06	3.0E-06	1.0E-07	2.5E-07	1.4E-07	5.0E-07	9.1E-07	1.9E-06
430	UCART1	593447.59	4123239.92	593447.59, 4123239.92	2.00E-03	8.12E-03	1.31E-02	2.32E-02	1.3E-06	5.4E-06	8.7E-06	2.8E-06	1.2E-07	1.9E-07	2.0E-07	5.2E-07	8.3E-07	1.9E-06
431	UCART1	593487.59	4123239.92	593487.59, 4123239.92	2.75E-03	5.97E-03	1.57E-02	2.44E-02	1.8E-06	3.9E-06	1.0E-05	2.7E-06	1.7E-07	1.4E-07	2.5E-07	5.6E-07	8.1E-07	1.9E-06
432	UCART1	593527.59	4123239.92	593527.59, 4123239.92	3.58E-03	4.43E-03	1.61E-02	2.41E-02	2.4E-06	2.9E-06	1.1E-05	2.8E-06	2.2E-07	1.0E-07	2.5E-07	5.8E-07	8.5E-07	2.0E-06
433	UCART1	593567.59	4123239.92	593567.59, 4123239.92	5.69E-03	3.38E-03	1.41E-02	2.32E-02	3.8E-06	2.2E-06	9.3E-06	3.0E-06	3.6E-07	7.9E-08	2.2E-07	6.5E-07	8.9E-07	2.2E-06
434	UCART1	593607.59	4123239.92	593607.59, 4123239.92	7.81E-03	2.60E-03	9.79E-03	2.02E-02	5.2E-06	1.7E-06	6.5E-06	3.0E-06	4.9E-07	6.1E-08	1.5E-07	7.0E-07	9.0E-07	2.3E-06
435	UCART1	593647.59	4123239.92	593647.59, 4123239.92	7.90E-03	1.99E-03	6.17E-03	1.61E-02	5.2E-06	1.3E-06	4.1E-06	2.8E-06	4.9E-07	4.7E-08	9.6E-08	6.4E-07	8.5E-07	2.1E-06
436	UCART1	593687.59	4123239.92	593687.59, 4123239.92	6.61E-03	1.52E-03	3.87E-03	1.20E-02	4.4E-06	1.0E-06	2.6E-06	2.6E-06	4.1E-07	3.6E-08	6.0E-08	5.1E-07	7.7E-07	1.8E-06
437	UCART1	593727.59	4123239.92	593727.59, 4123239.92	5.28E-03	1.17E-03	2.52E-03	8.97E-03	3.5E-06	7.7E-07	1.7E-06	2.2E-06	3.3E-07	2.7E-08	3.9E-08	4.0E-07	6.7E-07	1.5E-06
438	UCART1	593767.59	4123239.92	593767.59, 4123239.92	4.29E-03	9.06E-04	1.71E-03	6.91E-03	2.8E-06	6.0E-07	1.1E-06	1.9E-06	2.7E-07	2.1E-08	2.7E-08	3.2E-07	5.6E-07	1.2E-06
439	UCART1	593807.59	4123239.92	593807.59, 4123239.92	3.49E-03	7.07E-04	1.21E-03	5.41E-03	2.3E-06	4.7E-07	8.0E-07	1.6E-06	2.2E-07	1.7E-08	1.9E-08	2.5E-07	4.7E-07	9.8E-07
440	UCART1	593847.59	4123239.92	593847.59, 4123239.92	2.80E-03	5.58E-04	8.86E-04	4.24E-03	1.8E-06	3.7E-07	5.9E-07	1.3E-06	1.7E-07	1.3E-08	1.4E-08	2.0E-07	3.9E-07	7.9E-07
441	UCART1	593887.59	4123239.92	593887.59, 4123239.92	2.21E-03	4.46E-04	6.70E-04	3.33E-03	1.5E-06	3.0E-07	4.4E-07	1.1E-06	1.4E-07	1.0E-08	1.0E-08	1.6E-07	3.3E-07	6.4E-07
442	UCART1	593927.59	4123239.92	593927.59, 4123239.92	1.74E-03	3.62E-04	5.21E-04	2.62E-03	1.1E-06	2.4E-07	3.4E-07	9.1E-07	1.1E-07	8.5E-09	8.1E-09	1.2E-07	2.7E-07	5.2E-07
443	UCART1	593967.59	4123239.92	593967.59, 4123239.92	1.36E-03	2.99E-04	4.15E-04	2.07E-03	9.0E-07	2.0E-07	2.7E-07	7.6E-07	8.5E-08	7.0E-09	6.5E-09	9.8E-08	2.3E-07	4.2E-07
444	UCART1	594007.59	4123239.92	594007.59, 4123239.92	1.07E-03	2.50E-04	3.37E-04	1.66E-03	7.1E-07	1.7E-07	2.2E-07	6.4E-07	6.7E-08	5.8E-09	5.3E-09	7.8E-08	1.9E-07	3.5E-07
445	UCART1	592567.59	4123279.92	592567.59, 4123279.92	7.69E-05	8.64E-05	7.30E-05	2.36E-04	5.1E-08	5.7E-08	4.8E-08	9.6E-08	4.8E-09	2.0E-09	1.1E-09	8.0E-09	2.9E-08	4.4E-08
446	UCART1	592607.59	4123279.92	592607.59, 4123279.92	8.39E-05	9.49E-05	7.97E-05	2.58E-04	5.6E-08	6.3E-08	5.3E-08	1.0E-07	5.2E-09	2.2E-09	1.2E-09	8.7E-09	3.1E-08	4.8E-08
447	UCART1	592647.59	4123279.92	592647.59, 4123279.92	9.29E-05	1.05E-04	8.78E-05	2.86E-04	6.1E-08	6.9E-08	5.8E-08	1.1E-07	5.8E-09	2.5E-09	1.4E-09	9.6E-09	3.3E-08	5.3E-08
448	UCART1	592687.59	4123279.92	592687.59, 4123279.92	1.05E-04	1.17E-04	9.81E-05	3.20E-04	6.9E-08	7.7E-08	6.5E-08	1.2E-07	6.5E-09	2.7E-09	1.5E-09	1.1E-08	3.6E-08	5.8E-08
449	UCART1	592727.59	4123279.92	592727.59, 4123279.92	1.22E-04	1.31E-04	1.12E-04	3.65E-04	8.1E-08	8.7E-08	7.4E-08	1.3E-07	7.6E-09	3.1E-09	1.7E-09	1.2E-08	4.0E-08	6.5E-08

450	UCART1	592767.59	4123279.92	592767.59, 4123279.92	1.51E-04	1.49E-04	1.33E-04	4.33E-04	1.0E-07	9.8E-08	8.8E-08	1.5E-07	9.4E-09	3.5E-09	2.1E-09	1.5E-08	4.4E-08	7.4E-08
451	UCART1	592807.59	4123279.92	592807.59, 4123279.92	2.02E-04	1.73E-04	1.66E-04	5.40E-04	1.3E-07	1.1E-07	1.1E-07	1.6E-07	1.3E-08	4.0E-09	2.6E-09	1.9E-08	4.7E-08	8.5E-08
452	UCART1	592847.59	4123279.92	592847.59, 4123279.92	2.71E-04	2.05E-04	2.08E-04	6.84E-04	1.8E-07	1.4E-07	1.4E-07	1.7E-07	1.7E-08	4.8E-09	3.3E-09	2.5E-08	5.2E-08	1.0E-07
453	UCART1	592887.59	4123279.92	592887.59, 4123279.92	2.71E-04	2.33E-04	2.21E-04	7.26E-04	1.8E-07	1.5E-07	1.5E-07	1.9E-07	1.7E-08	5.4E-09	3.5E-09	2.6E-08	5.7E-08	1.1E-07
454	UCART1	592927.59	4123279.92	592927.59, 4123279.92	2.69E-04	2.71E-04	2.35E-04	7.75E-04	1.8E-07	1.8E-07	1.6E-07	2.3E-07	1.7E-08	6.3E-09	3.7E-09	2.7E-08	6.8E-08	1.2E-07
455	UCART1	592967.59	4123279.92	592967.59, 4123279.92	2.78E-04	3.25E-04	2.59E-04	8.62E-04	1.8E-07	2.1E-07	1.7E-07	2.6E-07	1.7E-08	7.6E-09	4.0E-09	2.9E-08	7.9E-08	1.4E-07
456	UCART1	593007.59	4123279.92	593007.59, 4123279.92	3.04E-04	3.99E-04	2.98E-04	1.00E-03	2.0E-07	2.6E-07	2.0E-07	3.1E-07	1.9E-08	9.3E-09	4.7E-09	3.3E-08	9.2E-08	1.6E-07
457	UCART1	593047.59	4123279.92	593047.59, 4123279.92	3.64E-04	5.08E-04	3.64E-04	1.24E-03	2.4E-07	3.4E-07	2.4E-07	3.6E-07	2.3E-08	1.2E-08	5.7E-09	4.0E-08	1.1E-07	1.9E-07
458	UCART1	593087.59	4123279.92	593087.59, 4123279.92	5.26E-04	6.79E-04	4.93E-04	1.70E-03	3.5E-07	4.5E-07	3.3E-07	4.4E-07	3.3E-08	1.6E-08	7.7E-09	5.6E-08	1.3E-07	2.4E-07
459	UCART1	593127.59	4123279.92	593127.59, 4123279.92	8.62E-04	9.69E-04	7.33E-04	2.56E-03	5.7E-07	6.4E-07	4.8E-07	5.4E-07	5.4E-08	2.3E-08	1.1E-08	8.8E-08	1.6E-07	3.4E-07
460	UCART1	593167.59	4123279.92	593167.59, 4123279.92	1.04E-03	1.42E-03	9.39E-04	3.40E-03	6.9E-07	9.4E-07	6.2E-07	7.0E-07	6.5E-08	3.3E-08	1.5E-08	1.1E-07	2.1E-07	4.3E-07
461	UCART1	593207.59	4123279.92	593207.59, 4123279.92	9.53E-04	2.24E-03	1.10E-03	4.29E-03	6.3E-07	1.5E-06	7.2E-07	9.3E-07	5.9E-08	5.2E-08	1.7E-08	1.3E-07	2.8E-07	5.4E-07
462	UCART1	593247.59	4123279.92	593247.59, 4123279.92	1.01E-03	4.62E-03	1.49E-03	7.12E-03	6.7E-07	3.1E-06	9.9E-07	1.4E-06	6.3E-08	1.1E-07	2.3E-08	1.9E-07	4.2E-07	8.1E-07
463	UCART1	593287.59	4123279.92	593287.59, 4123279.92	1.15E-03	1.42E-02	2.38E-03	1.77E-02	7.6E-07	9.4E-06	1.6E-06	3.6E-06	7.2E-08	3.3E-07	3.7E-08	4.4E-07	1.1E-06	2.0E-06
464	UCART1	593327.59	4123279.92	593327.59, 4123279.92	1.38E-03	2.60E-02	4.96E-03	3.23E-02	9.1E-07	1.7E-05	3.3E-06	5.3E-06	8.6E-08	6.1E-07	7.7E-08	7.7E-07	1.6E-06	3.1E-06
465	UCART1	593367.59	4123279.92	593367.59, 4123279.92	1.72E-03	3.48E-02	9.77E-03	4.63E-02	1.1E-06	2.3E-05	6.5E-06	5.0E-06	1.1E-07	8.1E-07	1.5E-07	1.1E-06	1.5E-06	3.6E-06
466	UCART1	593407.59	4123279.92	593407.59, 4123279.92	2.28E-03	1.61E-02	2.78E-02	4.63E-02	1.5E-06	1.1E-05	1.8E-05	4.6E-06	1.4E-07	3.8E-07	4.3E-07	9.5E-07	1.4E-06	3.3E-06
467	UCART1	593447.59	4123279.92	593447.59, 4123279.92	3.16E-03	9.44E-03	3.38E-02	4.64E-02	2.1E-06	6.2E-06	2.2E-05	3.9E-06	2.0E-07	2.2E-07	5.3E-07	9.5E-07	1.2E-06	3.1E-06
468	UCART1	593487.59	4123279.92	593487.59, 4123279.92	4.39E-03	6.22E-03	3.47E-02	4.53E-02	2.9E-06	4.1E-06	2.3E-05	4.0E-06	2.7E-07	1.5E-07	5.4E-07	9.6E-07	1.2E-06	3.1E-06
469	UCART1	593527.59	4123279.92	593527.59, 4123279.92	7.81E-03	4.40E-03	3.51E-02	4.73E-02	5.2E-06	2.9E-06	2.3E-05	4.4E-06	4.9E-07	1.0E-07	5.5E-07	1.1E-06	1.3E-06	3.6E-06
470	UCART1	593567.59	4123279.92	593567.59, 4123279.92	1.13E-02	3.20E-03	2.06E-02	3.51E-02	7.5E-06	2.1E-06	1.4E-05	4.4E-06	7.0E-07	7.5E-08	3.2E-07	1.1E-06	1.3E-06	3.5E-06
471	UCART1	593607.59	4123279.92	593607.59, 4123279.92	1.49E-02	2.37E-03	9.60E-03	2.69E-02	9.9E-06	1.6E-06	6.4E-06	4.1E-06	9.3E-07	5.5E-08	1.5E-07	1.1E-06	1.2E-06	3.5E-06
472	UCART1	593647.59	4123279.92	593647.59, 4123279.92	1.52E-02	1.74E-03	4.95E-03	2.19E-02	1.0E-05	1.1E-06	3.3E-06	3.5E-06	9.5E-07	4.1E-08	7.7E-08	1.1E-06	1.1E-06	3.2E-06
473	UCART1	593687.59	4123279.92	593687.59, 4123279.92	9.44E-03	1.31E-03	2.96E-03	1.37E-02	6.2E-06	8.7E-07	2.0E-06	2.9E-06	5.9E-07	3.1E-08	4.6E-08	6.7E-07	8.7E-07	2.2E-06
474	UCART1	593727.59	4123279.92	593727.59, 4123279.92	6.98E-03	9.77E-04	1.86E-03	9.82E-03	4.6E-06	6.5E-07	1.2E-06	2.4E-06	4.4E-07	2.3E-08	2.9E-08	4.9E-07	7.0E-07	1.7E-06
475	UCART1	593767.59	4123279.92	593767.59, 4123279.92	5.28E-03	7.42E-04	1.26E-03	7.28E-03	3.5E-06	4.9E-07	8.4E-07	1.9E-06	3.3E-07	1.7E-08	2.0E-08	3.7E-07	5.6E-07	1.3E-06
476	UCART1	593807.59	4123279.92	593807.59, 4123279.92	3.96E-03	5.73E-04	9.00E-04	5.43E-03	2.6E-06	3.8E-07	6.0E-07	1.5E-06	2.5E-07	1.3E-08	1.4E-08	2.7E-07	4.5E-07	1.0E-06
477	UCART1	593847.59	4123279.92	593847.59, 4123279.92	2.94E-03	4.51E-04	6.69E-04	4.06E-03	1.9E-06	3.0E-07	4.4E-07	1.2E-06	1.8E-07	1.1E-08	1.0E-08	2.0E-07	3.6E-07	7.7E-07
478	UCART1	593887.59	4123279.92	593887.59, 4123279.92	2.17E-03	3.63E-04	5.14E-04	3.05E-03	1.4E-06	2.4E-07	3.4E-07	9.8E-07	1.4E-07	8.5E-09	8.0E-09	1.5E-07	2.9E-07	6.0E-07
479	UCART1	593927.59	4123279.92	593927.59, 4123279.92	1.61E-03	2.97E-04	4.07E-04	2.32E-03	1.1E-06	2.0E-07	2.7E-07	8.0E-07	1.0E-07	7.0E-09	6.3E-09	1.1E-07	2.4E-07	4.7E-07
480	UCART1	593967.59	4123279.92	593967.59, 4123279.92	1.21E-03	2.48E-04	3.30E-04	1.79E-03	8.0E-07	1.6E-07	2.2E-07	6.6E-07	7.6E-08	5.8E-09	5.1E-09	8.7E-08	2.0E-07	3.7E-07
481	UCART1	594007.59	4123279.92	594007.59, 4123279.92	9.28E-04	2.10E-04	2.73E-04	1.41E-03	6.1E-07	1.4E-07	1.8E-07	5.5E-07	5.8E-08	4.9E-09	4.3E-09	6.7E-08	1.7E-07	3.0E-07
482	UCART1	592567.59	4123319.92	592567.59, 4123319.92	8.19E-05	9.22E-05	7.76E-05	2.52E-04	5.4E-08	6.1E-08	5.1E-08	1.0E-07	5.1E-09	2.2E-09	1.2E-09	8.5E-09	3.0E-08	4.7E-08
483	UCART1	592607.59	4123319.92	592607.59, 4123319.92	9.02E-05	1.02E-04	8.51E-05	2.77E-04	6.0E-08	6.7E-08	5.6E-08	1.1E-07	5.6E-09	2.4E-09	1.3E-09	9.3E-09	3.3E-08	5.1E-08
484	UCART1	592647.59	4123319.92	592647.59, 4123319.92	1.01E-04	1.13E-04	9.48E-05	3.09E-04	6.7E-08	7.5E-08	6.3E-08	1.2E-07	6.3E-09	2.6E-09	1.5E-09	1.0E-08	3.6E-08	5.6E-08
485	UCART1	592687.59	4123319.92	592687.59, 4123319.92	1.17E-04	1.27E-04	1.08E-04	3.51E-04	7.7E-08	8.4E-08	7.1E-08	1.3E-07	7.3E-09	3.0E-09	1.7E-09	1.2E-08	3.9E-08	6.3E-08
486	UCART1	592727.59	4123319.92	592727.59, 4123319.92	1.46E-04	1.44E-04	1.28E-04	4.17E-04	9.6E-08	9.5E-08	8.4E-08	1.4E-07	9.1E-09	3.4E-09	2.0E-09	1.4E-08	4.3E-08	7.2E-08
487	UCART1	592767.59	4123319.92	592767.59, 4123319.92	2.36E-04	1.72E-04	1.79E-04	5.87E-04	1.6E-07	1.1E-07	1.2E-07	1.6E-07	1.5E-08	4.0E-09	2.8E-09	2.2E-08	4.7E-08	9.0E-08
488	UCART1	592807.59	4123319.92	592807.59, 4123319.92	2.29E-04	1.91E-04	1.85E-04	6.04E-04	1.5E-07	1.3E-07	1.2E-07	1.8E-07	1.4E-08	4.5E-09	2.9E-09	2.2E-08	5.2E-08	9.6E-08
489	UCART1	592847.59	4123319.92	592847.59, 4123319.92	5.05E-04	2.53E-04	3.29E-04	1.09E-03	3.3E-07	1.7E-07	2.2E-07	2.0E-07	3.1E-08	5.9E-09	5.1E-09	4.3E-08	5.9E-08	1.4E-07
490	UCART1	592887.59	4123319.92	592887.59, 4123319.92	3.78E-04	2.70E-04	2.83E-04	9.31E-04	2.5E-07	1.8E-07	1.9E-07	2.2E-07	2.4E-08	6.3E-09	4.4E-09	3.4E-08	6.5E-08	1.3E-07
491	UCART1	592927.59	4123319.92	592927.59, 4123319.92	3.38E-04	3.12E-04	2.81E-04	9.32E-04	2.2E-07	2.1E-07	1.9E-07	2.6E-07	2.1E-08	7.3E-09	4.4E-09	3.3E-08	7.6E-08	1.4E-07
492	UCART1	592967.59	4123319.92	592967.59, 4123319.92	3.38E-04	3.75E-04	3.06E-04	1.02E-03	2.2E-07	2.5E-07	2.0E-07	3.0E-07	2.1E-08	8.8E-09	4.8E-09	3.5E-08	8.9E-08	1.6E-07
493	UCART1	593007.59	4123319.92	593007.59, 4123319.92	3.75E-04	4.68E-04	3.56E-04	1.20E-03	2.5E-07	3.1E-07	2.4E-07	3.5E-07	2.3E-08	1.1E-08	5.6E-09	4.0E-08	1.1E-07	1.8E-07
494	UCART1	593047.59	4123319.92	593047.59, 4123319.92	4.74E-04	6.15E-04	4.51E-04	1.54E-03	3.1E-07	4.1E-07	3.0E-07	4.2E-07	3.0E-08	1.4E-08	7.0E-09	5.1E-08	1.3E-07	2.3E-07
495	UCART1	593087.59	4123319.92	593087.59, 4123319.92	7.78E-04	8.64E-04	6.64E-04	2.31E-03	5.1E-07	5.7E-07	4.4E-07	5.3E-07	4.9E-08	2.0E-08	1.0E-08	7.9E-08	1.6E-07	3.2E-07
496	UCART1	593127.59	4123319.92	593127.59, 4123319.92	9.12E-04	1.24E-03	8.33E-04	2.99E-03	6.0E-07	8.2E-07	5.5E-07	6.7E-07	5.7E-08	2.9E-08	1.3E-08	9.9E-08	2.0E-07	4.0E-07
497	UCART1	593167.59	4123319.92	593167.59, 4123319.92	8.64E-04	1.94E-03	9.80E-04	3.79E-03	5.7E-07	1.3E-06	6.5E-07	9.1E-07	5.4E-08	4.5E-08	1.5E-08	1.1E-07	2.7E-07	5.0E-07
498	UCART1	593207.59	4123319.92	593207.59, 4123319.92	8.42E-04	3.58E-03	1.27E-03	5.68E-03	5.6E-07	2.4E-06	8.4E-07	1.3E-06	5.3E-08	8.4E-08	2.0E-08	1.6E-07	3.9E-07	7.0E-07
499	UCART1	593247.59	4123319.92	593247.59, 4123319.92	9.53E-04	8.92E-03	1.93E-03	1.18E-02	6.3E-07	5.9E-06	1.3E-06	2.2E-06	5.9E-08	2.1E-07	3.0E-08	3.0E-07	6.7E-07	1.3E-06
500	UCART1	593287.59	4123319.92	593287.59, 4123319.92	1.20E-03	2.29E-02	3.58E-03	2.77E-02	8.0E-07	1.5E-05	2.4E-06	5.6E-06	7.5E-08	5.4E-07	5.6E-08	6.7E-07	1.7E-06	3.0E-06
501	UCART1	593327.59	4123319.92	593327.59, 4123319.92	1.67E-03	4.08E-02	8.87E-03	5.14E-02	1.1E-06	2.7E-05	5.9E-06	7.0E-06	1.0E-07	9.6E-07	1.4E-07	1.2E-06	2.1E-06	4.5E-06
502	UCART1	593367.59	4123319.92	593367.59, 4123319.92	2.56E-03	3.56E-02	2.06E-02	5.87E-02	1.7E-06	2.4E-05	1.4E-05	7.1E-06	1.6E-07	8.3E-07	3.2E-07	1.3E-06	2.1E-06	4.7E-06
503	UCART1	593407.59	4123319.92	593407.59, 4123319.92	4.30E-03	1.62E-02	3.60E-02	5.65E-02	2.8E-06	1.1E-05	2.4E-05	5.8E-06	2.7E-07	3.8E-07	5.6E-07	1.2E-06	1.7E-06	4.2E-06
504	UCART1	593447.59	4123319.92	593447.59, 4123319.92	6.44E-03	9.37E-03	4.08E-02	5.67E-02	4.3E-06	6.2E-06	2.7E-05	5.9E-06	4.0E-07	2.2E-07	6.4E-07	1.3E-06	1.8E-06	4.3E-06
505	UCART1	593487.59	4123319.92	593487.59, 4123319.92	8.72E-03	5.98E-03	3.82E-02	5.29E-02	5.8E-06	4.0E-06	2.5E-05	6.9E-06	5.4E-07	1.4E-07	6.0E-07	1.3E-06	2.1E-06	4.6E-06
506	UCART1	593527.59	4123319.92	593527.59, 4123319.92	1.31E-02	4.05E-03	2.64E-02	4.35E-02	8.7E-06	2.7E-06	1.7E-05	7.1E-06	8.2E-07	9.5E-08	4.1E-07	1.3E-06	2.1E-06	4.8E-06
507	UCART1	593567.59	4123319.92	593567.59, 4123319.92	1.78E-02	2.81E-03	1.47E-02	3.54E-02	1.2E-05	1.9E-06	9.7E-06	6.3E-06	1.1E-06	6.6E-08	2.3E-07	1.4E-06	1.9E-06	4.7E-06
508	UCART1	593607.59	4123319.92	593607.59, 4123319.92	1.83E-02	1.98E-03	5.75E-03	2.60E-02	1.2E-05	1.3E-06	3.8E-06	5.1E-06	1.1E-06	4.6E-08	9.0E-08	1.3E-06	1.5E-06	4.1E-06
509	UCART1	593647.59	4123319.92	593647.59, 4123319.92	1.49E-02	1.42E-03	2.99E-03	1.93E-02	9.8E-06	9.4E-07	2.0E-06	3.9E-06	9.3E-07	3.3E-08	4.7E-08	1.0E-06	1.2E-06	3.2E-06
510	UCART1	593687.59	4123319.92	593687.59, 4123319.92	1.45E-02	1.08E-03	2.02E-03	1.76E-02	9.6E-06	7.1E-07	1.3E-06	2.9E-06	9.0E-07	2.5E-08	3.2E-08	9.6E-07	8.8E-07	2.8E-06
511	UCART1	593727.59	4123319.92	593727.59, 4123319.92	9.23E-03	7.84E-04	1.31E-03	1.13E-02	6.1E-06	5.2E-07	8.7E-07	2.2E-06	5.8E-07	1.8E-08	2.0E-08	6.1E-07	6.6E-07	1.9E-06
512	UCART1	593767.59	4123319.92	593767.59, 4123319.92	6.11E-03	5.88E-04	9.06E-04	7.61E-03	4.0E-06	3.9E-07	6.0E-07	1.7E-06	3.8E-07	1.4E-08	1.4E-08	4.1E-07	5.0E-07	1.3E-06
513	UCART1	593807.59	4123319.92	593807.59, 4123319.92	4.11E-03	4.55E-04	6.61E-04	5.22E-03	2.7E-06	3.0E-07	4.4E-07	1.3E-06	2.6E-07	1.1E-08	1.0E-08	2.8E-07	3.9E-07	9.4E-07
514	UCART1	593847.59	4123319.92	593847.59, 4123319.92	2.77E-03	3.62E-04	5.04E-04	3.64E-03	1.8E-06	2.4E-07	3.3E-07	1.0E-06	1.7E-07	8.5E-09	7.9E-09	1.9E-07	3.1E-07	6.9E-07
515	UCART1	593887.59	4123319.92	593887.59, 4123319.92	1.91E-03	2.95E-04	3.98E-04	2.60E-03	1.3E-06	2.0E-07	2.6E-07	8.2E-07	1.2E-07	6.9E-09	6.2E-09	1.3E-07	2.5E-07	5.1E-07

516	UCART1	593927.59	4123319.92	593927.59, 4123319.92	1.36E-03	2.46E-04	3.23E-04	1.92E-03	9.0E-07	1.6E-07	2.1E-07	6.7E-07	8.5E-08	5.7E-09	5.0E-09	9.5E-08	2.0E-07	3.9E-07
517	UCART1	593967.59	4123319.92	593967.59, 4123319.92	9.96E-04	2.08E-04	2.68E-04	1.47E-03	6.6E-07	1.4E-07	1.8E-07	5.5E-07	6.2E-08	4.9E-09	4.2E-09	7.1E-08	1.7E-07	3.1E-07
518	UCART1	594007.59	4123319.92	594007.59, 4123319.92	7.54E-04	1.79E-04	2.26E-04	1.16E-03	5.0E-07	1.2E-07	1.5E-07	4.7E-07	4.7E-08	4.2E-09	3.5E-09	5.5E-08	1.4E-07	2.5E-07
519	UCART1	592567.59	4123359.92	592567.59, 4123359.92	8.76E-05	9.81E-05	8.27E-05	2.68E-04	5.8E-08	6.5E-08	5.5E-08	1.1E-07	5.5E-09	2.3E-09	1.3E-09	9.1E-09	3.2E-08	5.0E-08
520	UCART1	592607.59	4123359.92	592607.59, 4123359.92	9.77E-05	1.09E-04	9.16E-05	2.98E-04	6.5E-08	7.2E-08	6.1E-08	1.2E-07	6.1E-09	2.5E-09	1.4E-09	1.0E-08	3.5E-08	5.5E-08
521	UCART1	592647.59	4123359.92	592647.59, 4123359.92	1.12E-04	1.21E-04	1.03E-04	3.36E-04	7.4E-08	8.0E-08	6.8E-08	1.3E-07	7.0E-09	2.8E-09	1.6E-09	1.1E-08	3.8E-08	6.1E-08
522	UCART1	592687.59	4123359.92	592687.59, 4123359.92	1.34E-04	1.37E-04	1.20E-04	3.92E-04	8.9E-08	9.1E-08	8.0E-08	1.4E-07	8.4E-09	3.2E-09	1.9E-09	1.3E-08	4.2E-08	6.9E-08
523	UCART1	592727.59	4123359.92	592727.59, 4123359.92	1.80E-04	1.59E-04	1.49E-04	4.88E-04	1.2E-07	1.1E-07	9.9E-08	1.5E-07	1.1E-08	3.7E-09	2.3E-09	1.7E-08	4.6E-08	8.1E-08
524	UCART1	592767.59	4123359.92	592767.59, 4123359.92	2.97E-04	1.94E-04	2.15E-04	7.06E-04	2.0E-07	1.3E-07	1.4E-07	1.7E-07	1.9E-08	4.5E-09	3.3E-09	2.6E-08	5.1E-08	1.0E-07
525	UCART1	592807.59	4123359.92	592807.59, 4123359.92	4.94E-04	2.42E-04	3.20E-04	1.06E-03	3.3E-07	1.6E-07	2.1E-07	1.9E-07	3.1E-08	5.7E-09	5.0E-09	4.1E-08	5.7E-08	1.4E-07
526	UCART1	592847.59	4123359.92	592847.59, 4123359.92	7.83E-04	3.09E-04	4.73E-04	1.56E-03	5.2E-07	2.0E-07	3.1E-07	2.2E-07	4.9E-08	7.2E-09	7.4E-09	6.3E-08	6.4E-08	1.9E-07
527	UCART1	592887.59	4123359.92	592887.59, 4123359.92	5.07E-04	3.15E-04	3.58E-04	1.18E-03	3.4E-07	2.1E-07	2.4E-07	2.5E-07	3.2E-08	7.4E-09	5.6E-09	4.5E-08	7.4E-08	1.6E-07
528	UCART1	592927.59	4123359.92	592927.59, 4123359.92	4.23E-04	3.62E-04	3.40E-04	1.12E-03	2.8E-07	2.4E-07	2.3E-07	2.9E-07	2.6E-08	8.5E-09	5.3E-09	4.0E-08	8.6E-08	1.7E-07
529	UCART1	592967.59	4123359.92	592967.59, 4123359.92	4.18E-04	4.41E-04	3.69E-04	1.23E-03	2.8E-07	2.9E-07	2.4E-07	3.4E-07	2.6E-08	1.0E-08	5.8E-09	4.2E-08	1.0E-07	1.9E-07
530	UCART1	593007.59	4123359.92	593007.59, 4123359.92	4.74E-04	5.66E-04	4.39E-04	1.48E-03	3.1E-07	3.7E-07	2.9E-07	4.1E-07	3.0E-08	1.3E-08	6.8E-09	5.0E-08	1.2E-07	2.2E-07
531	UCART1	593047.59	4123359.92	593047.59, 4123359.92	6.09E-04	7.67E-04	5.67E-04	1.94E-03	4.0E-07	5.1E-07	3.7E-07	5.0E-07	3.8E-08	1.8E-08	8.8E-09	6.5E-08	1.5E-07	2.8E-07
532	UCART1	593087.59	4123359.92	593087.59, 4123359.92	7.98E-04	1.10E-03	7.52E-04	2.65E-03	5.3E-07	7.3E-07	5.0E-07	6.4E-07	5.0E-08	2.6E-08	1.2E-08	8.7E-08	1.9E-07	3.6E-07
533	UCART1	593127.59	4123359.92	593127.59, 4123359.92	1.06E-03	1.70E-03	1.03E-03	3.78E-03	7.0E-07	1.1E-06	6.8E-07	8.4E-07	6.6E-08	4.0E-08	1.6E-08	1.2E-07	2.5E-07	4.9E-07
534	UCART1	593167.59	4123359.92	593167.59, 4123359.92	8.40E-04	2.77E-03	1.17E-03	4.79E-03	5.6E-07	1.8E-06	7.8E-07	1.2E-06	5.2E-08	6.5E-08	1.8E-08	1.4E-07	3.5E-07	6.2E-07
535	UCART1	593207.59	4123359.92	593207.59, 4123359.92	8.81E-04	5.14E-03	1.64E-03	7.67E-03	5.8E-07	3.4E-06	1.1E-06	1.8E-06	5.5E-08	1.2E-07	2.6E-08	2.0E-07	5.2E-07	9.3E-07
536	UCART1	593247.59	4123359.92	593247.59, 4123359.92	1.08E-03	1.11E-02	2.62E-03	1.48E-02	7.2E-07	7.3E-06	1.7E-06	3.0E-06	6.7E-08	2.6E-07	4.1E-08	3.7E-07	8.9E-07	1.6E-06
537	UCART1	593287.59	4123359.92	593287.59, 4123359.92	1.54E-03	2.34E-02	4.73E-03	2.96E-02	1.0E-06	1.5E-05	3.1E-06	6.8E-06	9.6E-08	5.5E-07	7.4E-08	7.2E-07	2.0E-06	3.5E-06
538	UCART1	593327.59	4123359.92	593327.59, 4123359.92	2.69E-03	3.54E-02	9.37E-03	4.75E-02	1.8E-06	2.3E-05	6.2E-06	8.6E-06	1.7E-07	8.3E-07	1.5E-07	1.1E-06	2.6E-06	4.8E-06
539	UCART1	593367.59	4123359.92	593367.59, 4123359.92	4.54E-03	3.87E-02	1.61E-02	5.94E-02	3.0E-06	2.6E-05	1.1E-05	8.8E-06	2.8E-07	9.1E-07	2.5E-07	1.4E-06	2.6E-06	5.5E-06
540	UCART1	593407.59	4123359.92	593407.59, 4123359.92	9.12E-03	1.57E-02	1.96E-02	4.44E-02	6.0E-06	1.0E-05	1.3E-05	8.8E-06	5.7E-07	3.7E-07	3.1E-07	1.2E-06	2.6E-06	5.1E-06
541	UCART1	593447.59	4123359.92	593447.59, 4123359.92	1.24E-02	8.80E-03	2.25E-02	4.37E-02	8.2E-06	5.8E-06	1.5E-05	1.2E-05	7.7E-07	2.1E-07	3.5E-07	1.3E-06	3.5E-06	6.1E-06
542	UCART1	593487.59	4123359.92	593487.59, 4123359.92	1.73E-02	5.44E-03	2.05E-02	4.33E-02	1.1E-05	3.6E-06	1.4E-05	1.3E-05	1.1E-06	1.3E-07	3.2E-07	1.5E-06	4.0E-06	7.0E-06
543	UCART1	593527.59	4123359.92	593527.59, 4123359.92	2.15E-02	3.45E-03	1.12E-02	3.62E-02	1.4E-05	2.3E-06	7.4E-06	1.1E-05	1.3E-06	8.1E-08	1.8E-07	1.6E-06	3.2E-06	6.4E-06
544	UCART1	593567.59	4123359.92	593567.59, 4123359.92	2.11E-02	2.25E-03	5.49E-03	2.89E-02	1.4E-05	1.5E-06	3.6E-06	7.7E-06	1.3E-06	5.3E-08	8.6E-08	1.5E-06	2.3E-06	5.2E-06
545	UCART1	593607.59	4123359.92	593607.59, 4123359.92	2.04E-02	1.52E-03	2.85E-03	2.48E-02	1.4E-05	1.0E-06	1.9E-06	5.2E-06	1.3E-06	3.6E-08	4.4E-08	1.4E-06	1.6E-06	4.3E-06
546	UCART1	593647.59	4123359.92	593647.59, 4123359.92	1.89E-02	1.08E-03	1.81E-03	2.18E-02	1.3E-05	7.1E-07	1.2E-06	3.6E-06	1.2E-06	2.5E-08	2.8E-08	1.2E-06	1.1E-06	3.5E-06
547	UCART1	593687.59	4123359.92	593687.59, 4123359.92	1.47E-02	7.89E-04	1.25E-03	1.68E-02	9.7E-06	5.2E-07	8.3E-07	2.5E-06	9.2E-07	1.8E-08	1.9E-08	9.6E-07	7.5E-07	2.7E-06
548	UCART1	593727.59	4123359.92	593727.59, 4123359.92	1.13E-02	6.20E-04	1.00E-03	1.29E-02	7.5E-06	4.1E-07	6.6E-07	1.8E-06	7.1E-07	1.5E-08	1.6E-08	7.4E-07	5.5E-07	2.0E-06
549	UCART1	593767.59	4123359.92	593767.59, 4123359.92	6.36E-03	4.60E-04	6.77E-04	7.50E-03	4.2E-06	3.0E-07	4.5E-07	1.4E-06	4.0E-07	1.1E-08	1.1E-08	4.2E-07	4.1E-07	1.2E-06
550	UCART1	593807.59	4123359.92	593807.59, 4123359.92	3.62E-03	3.62E-04	5.04E-04	4.49E-03	2.4E-06	2.4E-07	3.3E-07	1.0E-06	2.3E-07	8.5E-09	7.9E-09	2.4E-07	3.1E-07	8.0E-07
551	UCART1	593847.59	4123359.92	593847.59, 4123359.92	2.22E-03	2.94E-04	3.96E-04	2.91E-03	1.5E-06	1.9E-07	2.6E-07	8.2E-07	1.4E-07	6.9E-09	6.2E-09	1.5E-07	2.5E-07	5.5E-07
552	UCART1	593887.59	4123359.92	593887.59, 4123359.92	1.47E-03	2.45E-04	3.22E-04	2.04E-03	9.7E-07	1.6E-07	2.1E-07	6.6E-07	9.2E-08	5.7E-09	5.0E-09	1.0E-07	2.0E-07	4.0E-07
553	UCART1	593927.59	4123359.92	593927.59, 4123359.92	1.04E-03	2.08E-04	2.67E-04	1.51E-03	6.9E-07	1.4E-07	1.8E-07	5.5E-07	6.5E-08	4.9E-09	4.2E-09	7.4E-08	1.6E-07	3.1E-07
554	UCART1	593967.59	4123359.92	593967.59, 4123359.92	7.66E-04	1.79E-04	2.26E-04	1.17E-03	5.1E-07	1.2E-07	1.5E-07	4.6E-07	4.8E-08	4.2E-09	3.5E-09	5.5E-08	1.4E-07	2.5E-07
555	UCART1	594007.59	4123359.92	594007.59, 4123359.92	5.88E-04	1.56E-04	1.94E-04	9.38E-04	3.9E-07	1.0E-07	1.3E-07	3.9E-07	3.7E-08	3.6E-09	3.0E-09	4.3E-08	1.2E-07	2.0E-07
556	UCART1	592567.59	4123399.92	592567.59, 4123399.92	9.44E-05	1.05E-04	8.91E-05	2.88E-04	6.2E-08	6.9E-08	5.9E-08	1.1E-07	5.9E-09	2.4E-09	1.4E-09	9.7E-09	3.4E-08	5.3E-08
557	UCART1	592607.59	4123399.92	592607.59, 4123399.92	1.07E-04	1.16E-04	9.98E-05	3.23E-04	7.1E-08	7.7E-08	6.6E-08	1.2E-07	6.6E-09	2.7E-09	1.6E-09	1.1E-08	3.7E-08	5.9E-08
558	UCART1	592647.59	4123399.92	592647.59, 4123399.92	1.24E-04	1.31E-04	1.14E-04	3.69E-04	8.2E-08	8.6E-08	7.5E-08	1.4E-07	7.7E-09	3.1E-09	1.8E-09	1.3E-08	4.0E-08	6.6E-08
559	UCART1	592687.59	4123399.92	592687.59, 4123399.92	1.51E-04	1.49E-04	1.34E-04	4.34E-04	1.0E-07	9.9E-08	8.9E-08	1.5E-07	9.4E-09	3.5E-09	2.1E-09	1.5E-08	4.5E-08	7.5E-08
560	UCART1	592727.59	4123399.92	592727.59, 4123399.92	1.96E-04	1.73E-04	1.64E-04	5.34E-04	1.3E-07	1.1E-07	1.1E-07	1.7E-07	1.2E-08	4.1E-09	2.6E-09	1.9E-08	5.0E-08	8.7E-08
561	UCART1	592767.59	4123399.92	592767.59, 4123399.92	2.78E-04	2.07E-04	2.14E-04	6.98E-04	1.8E-07	1.4E-07	1.4E-07	1.9E-07	1.7E-08	4.8E-09	3.3E-09	2.5E-08	5.6E-08	1.1E-07
562	UCART1	592807.59	4123399.92	592807.59, 4123399.92	4.60E-04	2.59E-04	3.15E-04	1.03E-03	3.0E-07	1.7E-07	2.1E-07	2.1E-07	2.9E-08	6.0E-09	4.9E-09	4.0E-08	6.3E-08	1.4E-07
563	UCART1	592847.59	4123399.92	592847.59, 4123399.92	4.54E-04	2.94E-04	3.29E-04	1.08E-03	3.0E-07	1.9E-07	2.2E-07	2.4E-07	2.8E-08	6.9E-09	5.1E-09	4.0E-08	7.1E-08	1.5E-07
564	UCART1	592887.59	4123399.92	592887.59, 4123399.92	7.04E-04	3.77E-04	4.72E-04	1.55E-03	4.7E-07	2.5E-07	3.1E-07	2.7E-07	4.4E-08	8.8E-09	7.4E-09	6.0E-08	8.2E-08	2.0E-07
565	UCART1	592927.59	4123399.92	592927.59, 4123399.92	5.52E-04	4.32E-04	4.29E-04	1.41E-03	3.7E-07	2.9E-07	2.8E-07	3.2E-07	3.4E-08	1.0E-08	6.7E-09	5.1E-08	9.6E-08	2.0E-07
566	UCART1	592967.59	4123399.92	592967.59, 4123399.92	5.68E-04	5.42E-04	4.78E-04	1.59E-03	3.8E-07	3.6E-07	3.2E-07	3.9E-07	3.5E-08	1.3E-08	7.4E-09	5.6E-08	1.2E-07	2.3E-07
567	UCART1	593007.59	4123399.92	593007.59, 4123399.92	6.52E-04	7.15E-04	5.77E-04	1.94E-03	4.3E-07	4.7E-07	3.8E-07	4.7E-07	4.1E-08	1.7E-08	9.0E-09	6.6E-08	1.4E-07	2.7E-07
568	UCART1	593047.59	4123399.92	593047.59, 4123399.92	8.15E-04	9.91E-04	7.39E-04	2.55E-03	5.4E-07	6.6E-07	4.9E-07	5.9E-07	5.1E-08	2.3E-08	1.2E-08	8.6E-08	1.8E-07	3.5E-07
569	UCART1	593087.59	4123399.92	593087.59, 4123399.92	8.66E-04	1.43E-03	8.92E-04	3.18E-03	5.7E-07	9.4E-07	5.9E-07	7.6E-07	5.4E-08	3.3E-08	1.4E-08	1.0E-07	2.3E-07	4.3E-07
570	UCART1	593127.59	4123399.92	593127.59, 4123399.92	9.54E-04	2.16E-03	1.13E-03	4.25E-03	6.3E-07	1.4E-06	7.5E-07	1.0E-06	6.0E-08	5.1E-08	1.8E-08	1.3E-07	3.1E-07	5.6E-07
571	UCART1	593167.59	4123399.92	593167.59, 4123399.92	8.54E-04	3.44E-03	1.40E-03	5.70E-03	5.7E-07	2.3E-06	9.3E-07	1.5E-06	5.3E-08	8.1E-08	2.2E-08	1.6E-07	4.3E-07	7.5E-07
572	UCART1	593207.59	4123399.92	593207.59, 4123399.92	9.91E-04	5.90E-03	1.98E-03	8.87E-03	6.6E-07	3.9E-06	1.3E-06	2.2E-06	6.2E-08	1.4E-07	3.1E-08	2.3E-07	6.6E-07	1.1E-06
573	UCART1	593247.59	4123399.92	593247.59, 4123399.92	1.35E-03	1.17E-02	2.97E-03	1.60E-02	9.0E-07	7.7E-06	2.0E-06	3.7E-06	8.4E-08	2.7E-07	4.6E-08	4.0E-07	1.1E-06	1.9E-06
574	UCART1	593287.59	4123399.92	593287.59, 4123399.92	2.20E-03	2.30E-02	4.52E-03	2.97E-02	1.5E-06	1.5E-05	3.0E-06	8.3E-06	1.4E-07	5.4E-07	7.1E-08	7.5E-07	2.5E-06	4.0E-06
575	UCART1	593327.59	4123399.92	593327.59, 4123399.92	4.70E-03	3.86E-02	6.64E-03	4.99E-02	3.1E-06	2.6E-05	4.4E-06	1.1E-05	2.9E-07	9.0E-07	1.0E-07	1.3E-06	3.4E-06	6.0E-06
576	UCART1	593367.59	4123399.92	593367.59, 4123399.92	9.13E-03	2.59E-02	8.63E-03	4.36E-02	6.0E-06	1.7E-05	5.7E-06	1.7E-05	5.7E-07	6.1E-07	1.3E-07	1.3E-06	5.1E-06	7.7E-06
577	UCART1	593407.59	4123399.92	593407.59, 4123399.92	1.52E-02	1.49E-02	9.49E-03	3.96E-02	1.0E-05	9.8E-06	6.3E-06	2.5E-05	9.5E-07	3.5E-07	1.5E-07	1.4E-06	7.5E-06	1.0E-05
578	UCART1	593447.59	4123399.92	593447.59, 4123399.92	1.93E-02	7.76E-03	8.93E-03	3.60E-02	1.3E-05	5.1E-06	5.9E-06	3.4E-05	1.2E-06	1.8E-07	1.4E-07	1.5E-06	1.0E-05	1.3E-05
579	UCART1	593487.59	4123399.92	593487.59, 4123399.92	2.35E-02	4.34E-03	7.11E-03	3.49E-02	1.6E-05	2.9E-06	4.7E-06	2.2E-05	1.5E-06	1.0E-07	1.1E-07	1.7E-06	6.5E-06	9.9E-06
580	UCART1	593527.59	4123399.92	593527.59, 4123399.92	2.51E-02	2.57E-03	4.64E-03	3.23E-02	1.7E-05	1.7E-06	3.1E-06	1.2E-05	1.6E-06	6.0E-08	7.2E-08	1.7E-06	3.5E-06	6.9E-06
581	UCART1	593567.59	4123399.92	593567.59, 4123399.92	2.21E-02	1.62E-03	2.78E-03	2.65E-02	1.5E-05	1.1E-06	1.8E-06	6.7E-06	1.4E-06	3.8E-08	4.3E-08	1.5E-06	2.0E-06	4.9E-06

582	UCART1	593607.59	4123399.92	593607.59, 4123399.92	2.08E-02	1.09E-03	1.79E-03	2.37E-02	1.4E-05	7.2E-07	1.2E-06	4.1E-06	1.3E-06	2.6E-08	2.8E-08	1.3E-06	1.2E-06	3.9E-06
583	UCART1	593647.59	4123399.92	593647.59, 4123399.92	2.22E-02	7.89E-04	1.26E-03	2.43E-02	1.5E-05	5.2E-07	8.3E-07	2.7E-06	1.4E-06	1.8E-08	2.0E-08	1.4E-06	8.0E-07	3.7E-06
584	UCART1	593687.59	4123399.92	593687.59, 4123399.92	1.77E-02	6.02E-04	9.57E-04	1.93E-02	1.2E-05	4.0E-07	6.3E-07	1.9E-06	1.1E-06	1.4E-08	1.5E-08	1.1E-06	5.6E-07	2.8E-06
585	UCART1	593727.59	4123399.92	593727.59, 4123399.92	1.19E-02	4.68E-04	7.26E-04	1.31E-02	7.9E-06	3.1E-07	4.8E-07	1.4E-06	7.4E-07	1.1E-08	1.1E-08	7.7E-07	4.0E-07	1.9E-06
586	UCART1	593767.59	4123399.92	593767.59, 4123399.92	4.68E-03	3.63E-04	5.22E-04	5.56E-03	3.1E-06	2.4E-07	3.5E-07	1.0E-06	2.9E-07	8.5E-09	8.1E-09	3.1E-07	3.0E-07	9.2E-07
587	UCART1	593807.59	4123399.92	593807.59, 4123399.92	2.44E-03	2.95E-04	4.08E-04	3.14E-03	1.6E-06	2.0E-07	2.7E-07	8.0E-07	1.5E-07	6.9E-09	6.4E-09	1.7E-07	2.4E-07	5.7E-07
588	UCART1	593847.59	4123399.92	593847.59, 4123399.92	1.51E-03	2.46E-04	3.30E-04	2.09E-03	1.0E-06	1.6E-07	2.2E-07	6.4E-07	9.4E-08	5.8E-09	5.1E-09	1.1E-07	1.9E-07	4.0E-07
589	UCART1	593887.59	4123399.92	593887.59, 4123399.92	1.03E-03	2.09E-04	2.73E-04	1.51E-03	6.8E-07	1.4E-07	1.8E-07	5.2E-07	6.4E-08	4.9E-09	4.3E-09	7.4E-08	1.6E-07	3.0E-07
590	UCART1	593927.59	4123399.92	593927.59, 4123399.92	7.54E-04	1.80E-04	2.30E-04	1.16E-03	5.0E-07	1.2E-07	1.5E-07	4.4E-07	4.7E-08	4.2E-09	3.6E-09	5.5E-08	1.3E-07	2.4E-07
591	UCART1	593967.59	4123399.92	593967.59, 4123399.92	5.76E-04	1.57E-04	1.97E-04	9.30E-04	3.8E-07	1.0E-07	1.3E-07	3.7E-07	3.6E-08	3.7E-09	3.1E-09	4.3E-08	1.1E-07	2.0E-07
592	UCART1	594007.59	4123399.92	594007.59, 4123399.92	4.56E-04	1.39E-04	1.71E-04	7.66E-04	3.0E-07	9.2E-08	1.1E-07	3.2E-07	2.8E-08	3.2E-09	2.7E-09	3.4E-08	9.5E-08	1.6E-07
593	UCART1	592567.59	4123439.92	592567.59, 4123439.92	1.02E-04	1.12E-04	9.68E-05	3.11E-04	6.7E-08	7.4E-08	6.4E-08	1.2E-07	6.4E-09	2.6E-09	1.5E-09	1.0E-08	3.6E-08	5.7E-08
594	UCART1	592607.59	4123439.92	592607.59, 4123439.92	1.16E-04	1.25E-04	1.09E-04	3.50E-04	7.7E-08	8.3E-08	7.2E-08	1.3E-07	7.2E-09	2.9E-09	1.7E-09	1.2E-08	3.9E-08	6.3E-08
595	UCART1	592647.59	4123439.92	592647.59, 4123439.92	1.35E-04	1.42E-04	1.25E-04	4.02E-04	8.9E-08	9.4E-08	8.3E-08	1.4E-07	8.4E-09	3.3E-09	2.0E-09	1.4E-08	4.3E-08	7.1E-08
596	UCART1	592687.59	4123439.92	592687.59, 4123439.92	1.62E-04	1.63E-04	1.47E-04	4.71E-04	1.1E-07	1.1E-07	9.7E-08	1.6E-07	1.0E-08	3.8E-09	2.3E-09	1.6E-08	4.8E-08	8.0E-08
597	UCART1	592727.59	4123439.92	592727.59, 4123439.92	2.01E-04	1.90E-04	1.76E-04	5.67E-04	1.3E-07	1.3E-07	1.2E-07	1.8E-07	1.3E-08	4.4E-09	2.7E-09	2.0E-08	5.4E-08	9.3E-08
598	UCART1	592767.59	4123439.92	592767.59, 4123439.92	2.62E-04	2.26E-04	2.19E-04	7.06E-04	1.7E-07	1.5E-07	1.4E-07	2.0E-07	1.6E-08	5.3E-09	3.4E-09	2.5E-08	6.0E-08	1.1E-07
599	UCART1	592807.59	4123439.92	592807.59, 4123439.92	3.72E-04	2.77E-04	2.88E-04	9.37E-04	2.5E-07	1.8E-07	1.9E-07	2.3E-07	2.3E-08	6.5E-09	4.5E-09	3.4E-08	6.9E-08	1.4E-07
600	UCART1	592847.59	4123439.92	592847.59, 4123439.92	6.70E-04	3.62E-04	4.53E-04	1.48E-03	4.4E-07	2.4E-07	3.0E-07	2.6E-07	4.2E-08	8.5E-09	7.1E-09	5.7E-08	7.9E-08	1.9E-07
601	UCART1	592887.59	4123439.92	592887.59, 4123439.92	7.31E-04	4.36E-04	5.12E-04	1.68E-03	4.8E-07	2.9E-07	3.4E-07	3.1E-07	4.6E-08	1.0E-08	8.0E-09	6.4E-08	9.2E-08	2.2E-07
602	UCART1	592927.59	4123439.92	592927.59, 4123439.92	9.43E-04	5.60E-04	6.52E-04	2.16E-03	6.2E-07	3.7E-07	4.3E-07	3.6E-07	5.9E-08	1.3E-08	1.0E-08	8.2E-08	1.1E-07	2.7E-07
603	UCART1	592967.59	4123439.92	592967.59, 4123439.92	1.03E-03	7.12E-04	7.45E-04	2.48E-03	6.8E-07	4.7E-07	4.9E-07	4.4E-07	6.4E-08	1.7E-08	1.2E-08	9.2E-08	1.3E-07	3.2E-07
604	UCART1	593007.59	4123439.92	593007.59, 4123439.92	1.06E-03	9.25E-04	8.35E-04	2.82E-03	7.0E-07	6.1E-07	5.5E-07	5.4E-07	6.6E-08	2.2E-08	1.3E-08	1.0E-07	1.6E-07	3.6E-07
605	UCART1	593047.59	4123439.92	593047.59, 4123439.92	1.30E-03	1.27E-03	1.05E-03	3.62E-03	8.6E-07	8.4E-07	7.0E-07	6.9E-07	8.1E-08	3.0E-08	1.6E-08	1.3E-07	2.1E-07	4.6E-07
606	UCART1	593087.59	4123439.92	593087.59, 4123439.92	1.27E-03	1.75E-03	1.19E-03	4.21E-03	8.4E-07	1.2E-06	7.8E-07	9.0E-07	7.9E-08	4.1E-08	1.9E-08	1.4E-07	2.7E-07	5.5E-07
607	UCART1	593127.59	4123439.92	593127.59, 4123439.92	8.41E-04	2.45E-03	1.19E-03	4.48E-03	5.6E-07	1.6E-06	7.9E-07	1.2E-06	5.2E-08	5.7E-08	1.9E-08	1.3E-07	3.6E-07	6.2E-07
608	UCART1	593167.59	4123439.92	593167.59, 4123439.92	9.07E-04	3.72E-03	1.51E-03	6.14E-03	6.0E-07	2.5E-06	1.0E-06	1.7E-06	5.7E-08	8.7E-08	2.4E-08	1.7E-07	5.2E-07	8.5E-07
609	UCART1	593207.59	4123439.92	593207.59, 4123439.92	1.18E-03	5.98E-03	2.02E-03	9.18E-03	7.8E-07	4.0E-06	1.3E-06	2.6E-06	7.4E-08	1.4E-07	3.2E-08	2.5E-07	7.9E-07	1.3E-06
610	UCART1	593247.59	4123439.92	593247.59, 4123439.92	1.74E-03	1.12E-02	2.69E-03	1.57E-02	1.1E-06	7.4E-06	1.8E-06	4.5E-06	1.1E-07	2.6E-07	4.2E-08	4.1E-07	1.3E-06	2.2E-06
611	UCART1	593287.59	4123439.92	593287.59, 4123439.92	2.93E-03	2.70E-02	3.45E-03	3.34E-02	1.9E-06	1.8E-05	2.3E-06	1.0E-05	1.8E-07	6.3E-07	5.4E-08	8.7E-07	3.1E-06	4.8E-06
612	UCART1	593327.59	4123439.92	593327.59, 4123439.92	6.05E-03	3.50E-02	4.14E-03	4.52E-02	4.0E-06	2.3E-05	2.7E-06	2.0E-05	3.8E-07	8.2E-07	6.5E-08	1.3E-06	5.9E-06	8.4E-06
613	UCART1	593367.59	4123439.92	593367.59, 4123439.92	1.09E-02	2.34E-02	4.54E-03	3.88E-02	7.2E-06	1.5E-05	3.0E-06	6.3E-05	6.8E-07	5.5E-07	7.1E-08	1.3E-06	1.9E-05	2.1E-05
614	UCART1	593407.59	4123439.92	593407.59, 4123439.92	1.79E-02	1.25E-02	4.46E-03	3.49E-02	1.2E-05	8.3E-06	3.0E-06	1.8E-04	1.1E-06	2.9E-07	7.0E-08	1.5E-06	5.5E-05	5.8E-05
615	UCART1	593447.59	4123439.92	593447.59, 4123439.92	2.11E-02	5.44E-03	3.96E-03	3.05E-02	1.4E-05	3.6E-06	2.6E-06	4.7E-05	1.3E-06	1.3E-07	6.2E-08	1.5E-06	1.4E-05	1.7E-05
616	UCART1	593487.59	4123439.92	593487.59, 4123439.92	2.18E-02	2.81E-03	3.21E-03	2.78E-02	1.4E-05	1.9E-06	2.1E-06	1.6E-05	1.4E-06	6.6E-08	5.0E-08	1.5E-06	4.7E-06	7.6E-06
617	UCART1	593527.59	4123439.92	593527.59, 4123439.92	2.08E-02	1.68E-03	2.37E-03	2.49E-02	1.4E-05	1.1E-06	1.6E-06	7.2E-06	1.3E-06	3.9E-08	3.7E-08	1.4E-06	2.1E-06	4.9E-06
618	UCART1	593567.59	4123439.92	593567.59, 4123439.92	1.99E-02	1.12E-03	1.69E-03	2.27E-02	1.3E-05	7.4E-07	1.1E-06	4.0E-06	1.2E-06	2.6E-08	2.6E-08	1.3E-06	1.2E-06	3.8E-06
619	UCART1	593607.59	4123439.92	593607.59, 4123439.92	1.69E-02	7.97E-04	1.23E-03	1.90E-02	1.1E-05	5.3E-07	8.1E-07	2.5E-06	1.1E-06	1.9E-08	1.9E-08	1.1E-06	7.6E-07	2.9E-06
620	UCART1	593647.59	4123439.92	593647.59, 4123439.92	1.50E-02	5.99E-04	9.21E-04	1.65E-02	9.9E-06	4.0E-07	6.1E-07	1.7E-06	9.3E-07	1.4E-08	1.4E-08	9.6E-07	5.2E-07	2.4E-06
621	UCART1	593687.59	4123439.92	593687.59, 4123439.92	9.69E-03	4.67E-04	7.09E-04	1.09E-02	6.4E-06	3.1E-07	4.7E-07	1.3E-06	6.0E-07	1.1E-08	1.1E-08	6.3E-07	3.8E-07	1.6E-06
622	UCART1	593727.59	4123439.92	593727.59, 4123439.92	4.61E-03	3.71E-04	5.45E-04	5.53E-03	3.1E-06	2.5E-07	3.6E-07	9.5E-07	2.9E-07	8.7E-09	8.5E-09	3.0E-07	2.8E-07	8.9E-07
623	UCART1	593767.59	4123439.92	593767.59, 4123439.92	2.33E-03	3.02E-04	4.29E-04	3.06E-03	1.5E-06	2.0E-07	2.8E-07	7.5E-07	1.5E-07	7.1E-09	6.7E-09	1.6E-07	2.2E-07	5.4E-07
624	UCART1	593807.59	4123439.92	593807.59, 4123439.92	1.45E-03	2.52E-04	3.46E-04	2.05E-03	9.6E-07	1.7E-07	2.3E-07	6.0E-07	9.1E-08	5.9E-09	5.4E-09	1.0E-07	1.8E-07	3.8E-07
625	UCART1	593847.59	4123439.92	593847.59, 4123439.92	1.00E-03	2.14E-04	2.86E-04	1.50E-03	6.6E-07	1.4E-07	1.9E-07	5.0E-07	6.3E-08	5.0E-09	4.5E-09	7.2E-08	1.5E-07	2.9E-07
626	UCART1	593887.59	4123439.92	593887.59, 4123439.92	7.41E-04	1.84E-04	2.41E-04	1.17E-03	4.9E-07	1.2E-07	1.6E-07	4.2E-07	4.6E-08	4.3E-09	3.8E-09	5.4E-08	1.2E-07	2.3E-07
627	UCART1	593927.59	4123439.92	593927.59, 4123439.92	5.70E-04	1.61E-04	2.06E-04	9.37E-04	3.8E-07	1.1E-07	1.4E-07	3.6E-07	3.6E-08	3.8E-09	3.2E-09	4.3E-08	1.1E-07	1.9E-07
628	UCART1	593967.59	4123439.92	593967.59, 4123439.92	4.54E-04	1.42E-04	1.78E-04	7.74E-04	3.0E-07	9.4E-08	1.2E-07	3.1E-07	2.8E-08	3.3E-09	2.8E-09	3.4E-08	9.3E-08	1.6E-07
629	UCART1	594007.59	4123439.92	594007.59, 4123439.92	3.70E-04	1.27E-04	1.55E-04	6.53E-04	2.4E-07	8.4E-08	1.0E-07	2.7E-07	2.3E-08	3.0E-09	2.4E-09	2.8E-08	8.1E-08	1.4E-07
630	UCART1	592567.59	4123479.92	592567.59, 4123479.92	1.10E-04	1.21E-04	1.06E-04	3.37E-04	7.3E-08	8.0E-08	7.0E-08	1.3E-07	6.8E-09	2.8E-09	1.7E-09	1.1E-08	3.8E-08	6.1E-08
631	UCART1	592607.59	4123479.92	592607.59, 4123479.92	1.25E-04	1.36E-04	1.20E-04	3.81E-04	8.3E-08	9.0E-08	7.9E-08	1.4E-07	7.8E-09	3.2E-09	1.9E-09	1.3E-08	4.2E-08	6.8E-08
632	UCART1	592647.59	4123479.92	592647.59, 4123479.92	1.44E-04	1.56E-04	1.38E-04	4.38E-04	9.6E-08	1.0E-07	9.1E-08	1.6E-07	9.0E-09	3.6E-09	2.1E-09	1.5E-08	4.7E-08	7.6E-08
633	UCART1	592687.59	4123479.92	592687.59, 4123479.92	1.70E-04	1.81E-04	1.61E-04	5.11E-04	1.1E-07	1.2E-07	1.1E-07	1.7E-07	1.1E-08	4.2E-09	2.5E-09	1.7E-08	5.2E-08	8.7E-08
634	UCART1	592727.59	4123479.92	592727.59, 4123479.92	2.05E-04	2.13E-04	1.90E-04	6.08E-04	1.4E-07	1.4E-07	1.3E-07	2.0E-07	1.3E-08	5.0E-09	3.0E-09	2.1E-08	5.8E-08	1.0E-07
635	UCART1	592767.59	4123479.92	592767.59, 4123479.92	2.57E-04	2.55E-04	2.31E-04	7.43E-04	1.7E-07	1.7E-07	1.5E-07	2.2E-07	1.6E-08	6.0E-09	3.6E-09	2.6E-08	6.6E-08	1.2E-07
636	UCART1	592807.59	4123479.92	592807.59, 4123479.92	3.39E-04	3.12E-04	2.92E-04	9.44E-04	2.2E-07	2.1E-07	1.9E-07	2.6E-07	2.1E-08	7.3E-09	4.6E-09	3.3E-08	7.6E-08	1.4E-07
637	UCART1	592847.59	4123479.92	592847.59, 4123479.92	5.15E-04	3.96E-04	4.02E-04	1.31E-03	3.4E-07	2.6E-07	2.7E-07	3.0E-07	3.2E-08	9.3E-09	6.3E-09	4.8E-08	8.8E-08	1.8E-07
638	UCART1	592887.59	4123479.92	592887.59, 4123479.92	6.42E-04	4.96E-04	5.00E-04	1.64E-03	4.2E-07	3.3E-07	3.3E-07	3.5E-07	4.0E-08	1.2E-08	7.8E-09	5.9E-08	1.0E-07	2.2E-07
639	UCART1	592927.59	4123479.92	592927.59, 4123479.92	1.16E-03	6.80E-04	7.96E-04	2.64E-03	7.7E-07	4.5E-07	5.3E-07	4.1E-07	7.3E-08	1.6E-08	1.2E-08	1.0E-07	1.2E-07	3.3E-07
640	UCART1	592967.59	4123479.92	592967.59, 4123479.92	1.00E-03	8.25E-04	7.80E-04	2.61E-03	6.6E-07	5.5E-07	5.2E-07	5.0E-07	6.3E-08	1.9E-08	1.2E-08	9.4E-08	1.5E-07	3.4E-07
641	UCART1	593007.59	4123479.92	593007.59, 4123479.92	9.46E-04	1.05E-03	8.32E-04	2.83E-03	6.3E-07	7.0E-07	5.5E-07	6.3E-07	5.9E-08	2.5E-08	1.3E-08	9.7E-08	1.9E-07	3.8E-07
642	UCART1	593047.59	4123479.92	593047.59, 4123479.92	9.62E-04	1.39E-03	9.46E-04	3.30E-03	6.4E-07	9.2E-07	6.3E-07	8.1E-07	6.0E-08	3.3E-08	1.5E-08	1.1E-07	2.4E-07	4.6E-07
643	UCART1	593087.59	4123479.92	593087.59, 4123479.92	7.80E-04	1.86E-03	9.93E-04	3.63E-03	5.2E-07	1.2E-06	6.6E-07	1.1E-06	4.9E-08	4.4E-08	1.5E-08	1.1E-07	3.2E-07	5.3E-07
644	UCART1	593127.59	4123479.92	593127.59, 4123479.92	8.28E-04	2.58E-03	1.18E-03	4.59E-03	5.5E-07	1.7E-06	7.8E-07	1.5E-06	5.2E-08	6.0E-08	1.8E-08	1.3E-07	4.4E-07	7.0E-07
645	UCART1	593167.59	4123479.92	593167.59, 4123479.92	1.03E-03	3.69E-03	1.46E-03	6.18E-03	6.8E-07	2.4E-06	9.6E-07	2.1E-06	6.4E-08	8.6E-08	2.3E-08	1.7E-07	6.3E-07	9.8E-07
646	UCART1	593207.59	4123479.92	593207.59, 4123479.92	1.41E-03	5.63E-03	1.79E-03	8.83E-03	9.3E-07	3.7E-06	1.2E-06	3.3E-06	8.8E-08	1.3E-07	2.8E-08	2.5E-07	9.8E-07	1.5E-06
647	UCART1	593247.59	4123479.92	593247.59, 4123479.92	2.09E-03	1.01E-02	2.14E-03	1.43E-02	1.4E-06	6.7E-06	1.4E-06	5.8E-06	1.3E-07	2.4E-07	3.3E-08	4.0E-07	1.7E-06	2.5E-06

648	UCART1	593287.59	4123479.92	593287.59, 4123479.92	3.41E-03	2.05E-02	2.43E-03	2.64E-02	2.3E-06	1.4E-05	1.6E-06	1.2E-05	2.1E-07	4.8E-07	3.8E-08	7.3E-07	3.6E-06	5.0E-06
649	UCART1	593327.59	4123479.92	593327.59, 4123479.92	6.69E-03	2.24E-02	2.63E-03	3.17E-02	4.4E-06	1.5E-05	1.7E-06	3.1E-05	4.2E-07	5.2E-07	4.1E-08	9.8E-07	9.4E-06	1.1E-05
650	UCART1	593367.59	4123479.92	593367.59, 4123479.92	1.07E-02	1.52E-02	2.68E-03	2.86E-02	7.1E-06	1.0E-05	1.8E-06	1.0E-04	6.7E-07	3.6E-07	4.2E-08	1.1E-06	3.1E-05	3.3E-05
651	UCART1	593407.59	4123479.92	593407.59, 4123479.92	1.53E-02	6.41E-03	2.54E-03	2.43E-02	1.0E-05	4.2E-06	1.7E-06	3.8E-05	9.6E-07	1.5E-07	4.0E-08	1.1E-06	1.1E-05	1.4E-05
652	UCART1	593447.59	4123479.92	593447.59, 4123479.92	1.37E-02	2.87E-03	2.23E-03	1.88E-02	9.1E-06	1.9E-06	1.5E-06	1.2E-05	8.6E-07	6.7E-08	3.5E-08	9.6E-07	3.6E-06	5.5E-06
653	UCART1	593487.59	4123479.92	593487.59, 4123479.92	1.20E-02	1.69E-03	1.84E-03	1.56E-02	8.0E-06	1.1E-06	1.2E-06	5.8E-06	7.5E-07	4.0E-08	2.9E-08	8.2E-07	1.7E-06	3.4E-06
654	UCART1	593527.59	4123479.92	593527.59, 4123479.92	1.12E-02	1.13E-03	1.44E-03	1.38E-02	7.4E-06	7.5E-07	9.5E-07	3.4E-06	7.0E-07	2.7E-08	2.2E-08	7.5E-07	1.0E-06	2.5E-06
655	UCART1	593567.59	4123479.92	593567.59, 4123479.92	9.87E-03	8.20E-04	1.11E-03	1.18E-02	6.5E-06	5.4E-07	7.4E-07	2.2E-06	6.2E-07	1.9E-08	1.7E-08	6.5E-07	6.7E-07	2.0E-06
656	UCART1	593607.59	4123479.92	593607.59, 4123479.92	7.84E-03	6.21E-04	8.69E-04	9.33E-03	5.2E-06	4.1E-07	5.7E-07	1.6E-06	4.9E-07	1.5E-08	1.4E-08	5.2E-07	4.7E-07	1.5E-06
657	UCART1	593647.59	4123479.92	593647.59, 4123479.92	5.77E-03	4.86E-04	6.86E-04	6.94E-03	3.8E-06	3.2E-07	4.5E-07	1.2E-06	3.6E-07	1.1E-08	1.1E-08	3.8E-07	3.5E-07	1.1E-06
658	UCART1	593687.59	4123479.92	593687.59, 4123479.92	3.71E-03	3.90E-04	5.49E-04	4.65E-03	2.5E-06	2.6E-07	3.6E-07	9.0E-07	2.3E-07	9.1E-09	8.6E-09	2.5E-07	2.7E-07	7.7E-07
659	UCART1	593727.59	4123479.92	593727.59, 4123479.92	2.24E-03	3.19E-04	4.44E-04	3.01E-03	1.5E-06	2.1E-07	2.9E-07	7.2E-07	1.4E-07	7.5E-09	6.9E-09	1.5E-07	2.1E-07	5.2E-07
660	UCART1	593767.59	4123479.92	593767.59, 4123479.92	1.46E-03	2.66E-04	3.65E-04	2.09E-03	9.7E-07	1.8E-07	2.4E-07	5.9E-07	9.1E-08	6.2E-09	5.7E-09	1.0E-07	1.7E-07	3.8E-07
661	UCART1	593807.59	4123479.92	593807.59, 4123479.92	1.02E-03	2.25E-04	3.04E-04	1.55E-03	6.8E-07	1.5E-07	2.0E-07	4.9E-07	6.4E-08	5.3E-09	4.7E-09	7.4E-08	1.5E-07	2.9E-07
662	UCART1	593847.59	4123479.92	593847.59, 4123479.92	7.56E-04	1.93E-04	2.56E-04	1.20E-03	5.0E-07	1.3E-07	1.7E-07	4.1E-07	4.7E-08	4.5E-09	4.0E-09	5.6E-08	1.2E-07	2.3E-07
663	UCART1	593887.59	4123479.92	593887.59, 4123479.92	5.82E-04	1.68E-04	2.18E-04	9.68E-04	3.9E-07	1.1E-07	1.4E-07	3.5E-07	3.6E-08	3.9E-09	3.4E-09	4.4E-08	1.1E-07	1.9E-07
664	UCART1	593927.59	4123479.92	593927.59, 4123479.92	4.63E-04	1.48E-04	1.88E-04	7.98E-04	3.1E-07	9.8E-08	1.2E-07	3.1E-07	2.9E-08	3.5E-09	2.9E-09	3.5E-08	9.1E-08	1.6E-07
665	UCART1	593967.59	4123479.92	593967.59, 4123479.92	3.77E-04	1.31E-04	1.63E-04	6.72E-04	2.5E-07	8.7E-08	1.1E-07	2.7E-07	2.4E-08	3.1E-09	2.5E-09	2.9E-08	8.0E-08	1.4E-07
666	UCART1	594007.59	4123479.92	594007.59, 4123479.92	3.14E-04	1.18E-04	1.44E-04	5.76E-04	2.1E-07	7.8E-08	9.5E-08	2.4E-07	2.0E-08	2.8E-09	2.2E-09	2.5E-08	7.1E-08	1.2E-07
667	UCART1	592567.59	4123519.92	592567.59, 4123519.92	1.18E-04	1.33E-04	1.16E-04	3.67E-04	7.8E-08	8.8E-08	7.7E-08	1.4E-07	7.3E-09	3.1E-09	1.8E-09	1.2E-08	4.1E-08	6.6E-08
668	UCART1	592607.59	4123519.92	592607.59, 4123519.92	1.34E-04	1.52E-04	1.32E-04	4.17E-04	8.8E-08	1.0E-07	8.7E-08	1.5E-07	8.3E-09	3.5E-09	2.1E-09	1.4E-08	4.5E-08	7.3E-08
669	UCART1	592647.59	4123519.92	592647.59, 4123519.92	1.53E-04	1.75E-04	1.52E-04	4.80E-04	1.0E-07	1.2E-07	1.0E-07	1.7E-07	9.6E-09	4.1E-09	2.4E-09	1.6E-08	5.1E-08	8.3E-08
670	UCART1	592687.59	4123519.92	592687.59, 4123519.92	1.79E-04	2.04E-04	1.76E-04	5.60E-04	1.2E-07	1.4E-07	1.2E-07	1.9E-07	1.1E-08	4.8E-09	2.7E-09	1.9E-08	5.7E-08	9.4E-08
671	UCART1	592727.59	4123519.92	592727.59, 4123519.92	2.13E-04	2.43E-04	2.08E-04	6.63E-04	1.4E-07	1.6E-07	1.4E-07	2.2E-07	1.3E-08	5.7E-09	3.2E-09	2.2E-08	6.4E-08	1.1E-07
672	UCART1	592767.59	4123519.92	592767.59, 4123519.92	2.60E-04	2.92E-04	2.49E-04	8.01E-04	1.7E-07	1.9E-07	1.7E-07	2.5E-07	1.6E-08	6.8E-09	3.9E-09	2.7E-08	7.4E-08	1.3E-07
673	UCART1	592807.59	4123519.92	592807.59, 4123519.92	3.30E-04	3.58E-04	3.07E-04	9.96E-04	2.2E-07	2.4E-07	2.0E-07	2.9E-07	2.1E-08	8.4E-09	4.8E-09	3.4E-08	8.5E-08	1.5E-07
674	UCART1	592847.59	4123519.92	592847.59, 4123519.92	4.49E-04	4.49E-04	3.94E-04	1.29E-03	3.0E-07	3.0E-07	2.6E-07	3.4E-07	2.8E-08	1.0E-08	6.2E-09	4.5E-08	1.0E-07	1.9E-07
675	UCART1	592887.59	4123519.92	592887.59, 4123519.92	7.07E-04	5.78E-04	5.56E-04	1.84E-03	4.7E-07	3.8E-07	3.7E-07	4.0E-07	4.4E-08	1.4E-08	8.7E-09	6.6E-08	1.2E-07	2.5E-07
676	UCART1	592927.59	4123519.92	592927.59, 4123519.92	6.74E-04	7.05E-04	5.89E-04	1.97E-03	4.5E-07	4.7E-07	3.9E-07	4.8E-07	4.2E-08	1.6E-08	9.2E-09	6.8E-08	1.4E-07	2.8E-07
677	UCART1	592967.59	4123519.92	592967.59, 4123519.92	8.88E-04	9.12E-04	7.52E-04	2.55E-03	5.9E-07	6.0E-07	5.0E-07	5.9E-07	5.5E-08	2.1E-08	1.2E-08	8.8E-08	1.8E-07	3.5E-07
678	UCART1	593007.59	4123519.92	593007.59, 4123519.92	7.50E-04	1.14E-03	7.56E-04	2.64E-03	5.0E-07	7.5E-07	5.0E-07	7.5E-07	4.7E-08	2.7E-08	1.2E-08	8.5E-08	2.2E-07	3.9E-07
679	UCART1	593047.59	4123519.92	593047.59, 4123519.92	7.12E-04	1.46E-03	8.22E-04	2.99E-03	4.7E-07	9.7E-07	5.4E-07	9.7E-07	4.4E-08	3.4E-08	1.3E-08	9.1E-08	2.9E-07	4.7E-07
680	UCART1	593087.59	4123519.92	593087.59, 4123519.92	7.62E-04	1.91E-03	9.41E-04	3.61E-03	5.0E-07	1.3E-06	6.2E-07	1.3E-06	4.8E-08	4.5E-08	1.5E-08	1.1E-07	3.9E-07	6.0E-07
681	UCART1	593127.59	4123519.92	593127.59, 4123519.92	9.12E-04	2.54E-03	1.10E-03	4.55E-03	6.0E-07	1.7E-06	7.3E-07	1.8E-06	5.7E-08	5.9E-08	1.7E-08	1.3E-07	5.4E-07	8.1E-07
682	UCART1	593167.59	4123519.92	593167.59, 4123519.92	1.18E-03	3.45E-03	1.29E-03	5.92E-03	7.8E-07	2.3E-06	8.5E-07	2.7E-06	7.3E-08	8.1E-08	2.0E-08	1.7E-07	8.0E-07	1.1E-06
683	UCART1	593207.59	4123519.92	593207.59, 4123519.92	1.60E-03	4.91E-03	1.47E-03	7.98E-03	1.1E-06	3.2E-06	9.8E-07	4.2E-06	1.0E-07	1.1E-07	2.3E-08	2.4E-07	1.2E-06	1.7E-06
684	UCART1	593247.59	4123519.92	593247.59, 4123519.92	2.28E-03	7.44E-03	1.63E-03	1.14E-02	1.5E-06	4.9E-06	1.1E-06	6.9E-06	1.4E-07	1.7E-07	2.5E-08	3.4E-07	2.1E-06	2.7E-06
685	UCART1	593287.59	4123519.92	593287.59, 4123519.92	3.39E-03	1.17E-02	1.73E-03	1.69E-02	2.2E-06	7.8E-06	1.1E-06	1.2E-05	2.1E-07	2.7E-07	2.7E-08	5.1E-07	3.5E-06	4.5E-06
686	UCART1	593327.59	4123519.92	593327.59, 4123519.92	5.17E-03	1.11E-02	1.76E-03	1.81E-02	3.4E-06	7.4E-06	1.2E-06	1.7E-05	3.2E-07	2.6E-07	2.7E-08	6.1E-07	5.2E-06	6.4E-06
687	UCART1	593367.59	4123519.92	593367.59, 4123519.92	6.88E-03	5.57E-03	1.70E-03	1.42E-02	4.6E-06	3.7E-06	1.1E-06	1.7E-05	4.3E-07	1.3E-07	2.7E-08	5.9E-07	5.1E-06	6.3E-06
688	UCART1	593407.59	4123519.92	593407.59, 4123519.92	6.99E-03	2.84E-03	1.58E-03	1.14E-02	4.6E-06	1.9E-06	1.0E-06	1.0E-05	4.4E-07	6.6E-08	2.5E-08	5.3E-07	3.1E-06	4.1E-06
689	UCART1	593447.59	4123519.92	593447.59, 4123519.92	6.55E-03	1.74E-03	1.40E-03	9.69E-03	4.3E-06	1.2E-06	9.2E-07	5.7E-06	4.1E-07	4.1E-08	2.2E-08	4.7E-07	1.7E-06	2.6E-06
690	UCART1	593487.59	4123519.92	593487.59, 4123519.92	5.93E-03	1.18E-03	1.19E-03	8.30E-03	3.9E-06	7.8E-07	7.9E-07	3.5E-06	3.7E-07	2.8E-08	1.9E-08	4.2E-07	1.0E-06	1.9E-06
691	UCART1	593527.59	4123519.92	593527.59, 4123519.92	5.22E-03	8.60E-04	9.75E-04	7.05E-03	3.5E-06	5.7E-07	6.5E-07	2.3E-06	3.3E-07	2.0E-08	1.5E-08	3.6E-07	6.8E-07	1.4E-06
692	UCART1	593567.59	4123519.92	593567.59, 4123519.92	4.44E-03	6.55E-04	7.93E-04	5.89E-03	2.9E-06	4.3E-07	5.2E-07	1.6E-06	2.8E-07	1.5E-08	1.2E-08	3.0E-07	4.8E-07	1.1E-06
693	UCART1	593607.59	4123519.92	593607.59, 4123519.92	3.61E-03	5.16E-04	6.49E-04	4.78E-03	2.4E-06	3.4E-07	4.3E-07	1.2E-06	2.3E-07	1.2E-08	1.0E-08	2.5E-07	3.6E-07	8.5E-07
694	UCART1	593647.59	4123519.92	593647.59, 4123519.92	2.77E-03	4.16E-04	5.34E-04	3.72E-03	1.8E-06	2.8E-07	3.5E-07	9.2E-07	1.7E-07	9.7E-09	8.3E-09	1.9E-07	2.8E-07	6.6E-07
695	UCART1	593687.59	4123519.92	593687.59, 4123519.92	2.00E-03	3.42E-04	4.42E-04	2.79E-03	1.3E-06	2.3E-07	2.9E-07	7.3E-07	1.3E-07	8.0E-09	6.9E-09	1.4E-07	2.2E-07	5.0E-07
696	UCART1	593727.59	4123519.92	593727.59, 4123519.92	1.42E-03	2.85E-04	3.69E-04	2.08E-03	9.4E-07	1.9E-07	2.4E-07	5.9E-07	8.9E-08	6.7E-09	5.8E-09	1.0E-07	1.8E-07	3.8E-07
697	UCART1	593767.59	4123519.92	593767.59, 4123519.92	1.04E-03	2.41E-04	3.11E-04	1.59E-03	6.8E-07	1.6E-07	2.1E-07	4.9E-07	6.5E-08	5.6E-09	4.9E-09	7.5E-08	1.5E-07	3.0E-07
698	UCART1	593807.59	4123519.92	593807.59, 4123519.92	7.78E-04	2.06E-04	2.65E-04	1.25E-03	5.1E-07	1.4E-07	1.8E-07	4.1E-07	4.9E-08	4.8E-09	4.1E-09	5.7E-08	1.2E-07	2.4E-07
699	UCART1	593847.59	4123519.92	593847.59, 4123519.92	6.04E-04	1.78E-04	2.28E-04	1.01E-03	4.0E-07	1.2E-07	1.5E-07	3.6E-07	3.8E-08	4.2E-09	3.5E-09	4.5E-08	1.1E-07	2.0E-07
700	UCART1	593887.59	4123519.92	593887.59, 4123519.92	4.81E-04	1.56E-04	1.97E-04	8.34E-04	3.2E-07	1.0E-07	1.3E-07	3.1E-07	3.0E-08	3.6E-09	3.1E-09	3.7E-08	9.2E-08	1.7E-07
701	UCART1	593927.59	4123519.92	593927.59, 4123519.92	3.93E-04	1.38E-04	1.72E-04	7.02E-04	2.6E-07	9.1E-08	1.1E-07	2.7E-07	2.4E-08	3.2E-09	2.7E-09	3.0E-08	8.0E-08	1.4E-07
702	UCART1	593967.59	4123519.92	593967.59, 4123519.92	3.26E-04	1.23E-04	1.51E-04	6.00E-04	2.2E-07	8.1E-08	1.0E-07	2.4E-07	2.0E-08	2.9E-09	2.4E-09	2.6E-08	7.1E-08	1.2E-07
703	UCART1	594007.59	4123519.92	594007.59, 4123519.92	2.76E-04	1.10E-04	1.34E-04	5.20E-04	1.8E-07	7.3E-08	8.9E-08	2.1E-07	1.7E-08	2.6E-09	2.1E-09	2.2E-08	6.3E-08	1.1E-07
704	UCART1	592567.59	4123559.92	592567.59, 4123559.92	1.26E-04	1.48E-04	1.28E-04	4.02E-04	8.4E-08	9.8E-08	8.5E-08	1.5E-07	7.9E-09	3.5E-09	2.0E-09	1.3E-08	4.4E-08	7.1E-08
705	UCART1	592607.59	4123559.92	592607.59, 4123559.92	1.43E-04	1.70E-04	1.45E-04	4.58E-04	9.4E-08	1.1E-07	9.6E-08	1.7E-07	8.9E-09	4.0E-09	2.3E-09	1.5E-08	5.0E-08	8.0E-08
706	UCART1	592647.59	4123559.92	592647.59, 4123559.92	1.63E-04	1.98E-04	1.67E-04	5.28E-04	1.1E-07	1.3E-07	1.1E-07	1.9E-07	1.0E-08	4.6E-09	2.6E-09	1.7E-08	5.6E-08	9.1E-08
707	UCART1	592687.59	4123559.92	592687.59, 4123559.92	1.89E-04	2.33E-04	1.93E-04	6.15E-04	1.3E-07	1.5E-07	1.3E-07	2.1E-07	1.2E-08	5.5E-09	3.0E-09	2.0E-08	6.3E-08	1.0E-07
708	UCART1	592727.59	4123559.92	592727.59, 4123559.92	2.22E-04	2.77E-04	2.26E-04	7.25E-04	1.5E-07	1.8E-07	1.5E-07	2.4E-07	1.4E-08	6.5E-09	3.5E-09	2.4E-08	7.2E-08	1.2E-07
709	UCART1	592767.59	4123559.92	592767.59, 4123559.92	2.66E-04	3.33E-04	2.68E-04	8.67E-04	1.8E-07	2.2E-07	1.8E-07	2.8E-07	1.7E-08	7.8E-09	4.2E-09	2.9E-08	8.3E-08	1.4E-07
710	UCART1	592807.59	4123559.92	592807.59, 4123559.92	3.24E-04	4.05E-04	3.21E-04	1.05E-03	2.1E-07	2.7E-07	2.1E-07	3.3E-07	2.0E-08	9.5E-09	5.0E-09	3.5E-08	9.7E-08	1.7E-07
711	UCART1	592847.59	4123559.92	592847.59, 4123559.92	4.07E-04	4.99E-04	3.91E-04	1.30E-03	2.7E-07	3.3E-07	2.6E-07	3.9E-07	2.5E-08	1.2E-08	6.1E-09	4.3E-08	1.2E-07	2.0E-07
712	UCART1	592887.59	4123559.92	592887.59, 4123559.92	5.39E-04	6.23E-04	4.91E-04	1.65E-03	3.6E-07	4.1E-07	3.3E-07	4.6E-07	3.4E-08	1.5E-08	7.7E-09	5.6E-08	1.4E-07	2.5E-07
713	UCART1	592927.59	4123559.92	592927.59, 4123559.92	6.79E-04	7.78E-04	6.02E-04	2.06E-03	4.5E-07	5.1E-07	4.0E-07	5.6E-07	4.2E-08	1.8E-08	9.4E-09	7.0E-08	1.7E-07	3.1E-07

714	UCART1	592967.59	4123559.92	592967.59, 4123559.92	1.03E-03	9.97E-04	8.18E-04	2.84E-03	6.8E-07	6.6E-07	5.4E-07	7.0E-07	6.4E-08	2.3E-08	1.3E-08	1.0E-07	2.1E-07	4.1E-07
715	UCART1	593007.59	4123559.92	593007.59, 4123559.92	6.98E-04	1.18E-03	7.13E-04	2.59E-03	4.6E-07	7.8E-07	4.7E-07	8.8E-07	4.4E-08	2.7E-08	1.1E-08	8.2E-08	2.6E-07	4.3E-07
716	UCART1	593047.59	4123559.92	593047.59, 4123559.92	6.89E-04	1.45E-03	7.62E-04	2.90E-03	4.6E-07	9.6E-07	5.0E-07	1.1E-06	4.3E-08	3.4E-08	1.2E-08	8.9E-08	3.4E-07	5.2E-07
717	UCART1	593087.59	4123559.92	593087.59, 4123559.92	7.96E-04	1.82E-03	8.57E-04	3.47E-03	5.3E-07	1.2E-06	5.7E-07	1.5E-06	5.0E-08	4.3E-08	1.3E-08	1.1E-07	4.6E-07	6.7E-07
718	UCART1	593127.59	4123559.92	593127.59, 4123559.92	9.79E-04	2.28E-03	9.66E-04	4.23E-03	6.5E-07	1.5E-06	6.4E-07	2.1E-06	6.1E-08	5.3E-08	1.5E-08	1.3E-07	6.2E-07	8.8E-07
719	UCART1	593167.59	4123559.92	593167.59, 4123559.92	1.25E-03	2.86E-03	1.07E-03	5.18E-03	8.2E-07	1.9E-06	7.1E-07	2.9E-06	7.8E-08	6.7E-08	1.7E-08	1.6E-07	8.8E-07	1.2E-06
720	UCART1	593207.59	4123559.92	593207.59, 4123559.92	1.62E-03	3.53E-03	1.15E-03	6.30E-03	1.1E-06	2.3E-06	7.6E-07	4.2E-06	1.0E-07	8.3E-08	1.8E-08	2.0E-07	1.2E-06	1.6E-06
721	UCART1	593247.59	4123559.92	593247.59, 4123559.92	2.11E-03	4.11E-03	1.21E-03	7.43E-03	1.4E-06	2.7E-06	8.0E-07	5.8E-06	1.3E-07	9.6E-08	1.9E-08	2.5E-07	1.7E-06	2.2E-06
722	UCART1	593287.59	4123559.92	593287.59, 4123559.92	2.72E-03	4.18E-03	1.22E-03	8.12E-03	1.8E-06	2.8E-06	8.1E-07	7.3E-06	1.7E-07	9.8E-08	1.9E-08	2.9E-07	2.2E-06	2.7E-06
723	UCART1	593327.59	4123559.92	593327.59, 4123559.92	3.30E-03	3.49E-03	1.21E-03	8.00E-03	2.2E-06	2.3E-06	8.0E-07	7.7E-06	2.1E-07	8.2E-08	1.9E-08	3.1E-07	2.3E-06	2.9E-06
724	UCART1	593367.59	4123559.92	593367.59, 4123559.92	3.67E-03	2.45E-03	1.16E-03	7.28E-03	2.4E-06	1.6E-06	7.7E-07	6.8E-06	2.3E-07	5.7E-08	1.8E-08	3.0E-07	2.0E-06	2.6E-06
725	UCART1	593407.59	4123559.92	593407.59, 4123559.92	3.72E-03	1.68E-03	1.07E-03	6.48E-03	2.5E-06	1.1E-06	7.1E-07	4.8E-06	2.3E-07	3.9E-08	1.7E-08	2.9E-07	1.4E-06	2.0E-06
726	UCART1	593447.59	4123559.92	593447.59, 4123559.92	3.57E-03	1.20E-03	9.61E-04	5.74E-03	2.4E-06	8.0E-07	6.4E-07	3.2E-06	2.2E-07	2.8E-08	1.5E-08	2.7E-07	9.7E-07	1.5E-06
727	UCART1	593487.59	4123559.92	593487.59, 4123559.92	3.29E-03	8.94E-04	8.32E-04	5.02E-03	2.2E-06	5.9E-07	5.5E-07	2.3E-06	2.1E-07	2.1E-08	1.3E-08	2.4E-07	6.9E-07	1.2E-06
728	UCART1	593527.59	4123559.92	593527.59, 4123559.92	2.92E-03	6.84E-04	7.05E-04	4.31E-03	1.9E-06	4.5E-07	4.7E-07	1.7E-06	1.8E-07	1.6E-08	1.1E-08	2.1E-07	5.0E-07	9.2E-07
729	UCART1	593567.59	4123559.92	593567.59, 4123559.92	2.50E-03	5.40E-04	5.92E-04	3.63E-03	1.7E-06	3.6E-07	3.9E-07	1.3E-06	1.6E-07	1.3E-08	9.2E-09	1.8E-07	3.8E-07	7.3E-07
730	UCART1	593607.59	4123559.92	593607.59, 4123559.92	2.07E-03	4.36E-04	4.99E-04	3.00E-03	1.4E-06	2.9E-07	3.3E-07	9.7E-07	1.3E-07	1.0E-08	7.8E-09	1.5E-07	2.9E-07	5.8E-07
731	UCART1	593647.59	4123559.92	593647.59, 4123559.92	1.65E-03	3.60E-04	4.23E-04	2.43E-03	1.1E-06	2.4E-07	2.8E-07	7.7E-07	1.0E-07	8.4E-09	6.6E-09	1.2E-07	2.3E-07	4.7E-07
732	UCART1	593687.59	4123559.92	593687.59, 4123559.92	1.28E-03	3.02E-04	3.59E-04	1.95E-03	8.5E-07	2.0E-07	2.4E-07	6.2E-07	8.0E-08	7.1E-09	5.6E-09	9.3E-08	1.9E-07	3.7E-07
733	UCART1	593727.59	4123559.92	593727.59, 4123559.92	9.89E-04	2.56E-04	3.07E-04	1.55E-03	6.5E-07	1.7E-07	2.0E-07	5.1E-07	6.2E-08	6.0E-09	4.8E-09	7.2E-08	1.5E-07	3.0E-07
734	UCART1	593767.59	4123559.92	593767.59, 4123559.92	7.72E-04	2.20E-04	2.65E-04	1.26E-03	5.1E-07	1.5E-07	1.8E-07	4.3E-07	4.8E-08	5.1E-09	4.1E-09	5.7E-08	1.3E-07	2.4E-07
735	UCART1	593807.59	4123559.92	593807.59, 4123559.92	6.13E-04	1.90E-04	2.30E-04	1.03E-03	4.1E-07	1.3E-07	1.5E-07	3.7E-07	3.8E-08	4.4E-09	3.6E-09	4.6E-08	1.1E-07	2.0E-07
736	UCART1	593847.59	4123559.92	593847.59, 4123559.92	4.95E-04	1.66E-04	2.02E-04	8.63E-04	3.3E-07	1.1E-07	1.3E-07	3.2E-07	3.1E-08	3.9E-09	3.1E-09	3.8E-08	9.4E-08	1.7E-07
737	UCART1	593887.59	4123559.92	593887.59, 4123559.92	4.07E-04	1.46E-04	1.78E-04	7.30E-04	2.7E-07	9.7E-08	1.2E-07	2.8E-07	2.5E-08	3.4E-09	2.8E-09	3.2E-08	8.2E-08	1.5E-07
738	UCART1	593927.59	4123559.92	593927.59, 4123559.92	3.40E-04	1.30E-04	1.57E-04	6.27E-04	2.2E-07	8.6E-08	1.0E-07	2.4E-07	2.1E-08	3.0E-09	2.5E-09	2.7E-08	7.3E-08	1.3E-07
739	UCART1	593967.59	4123559.92	593967.59, 4123559.92	2.88E-04	1.16E-04	1.40E-04	5.43E-04	1.9E-07	7.7E-08	9.2E-08	2.2E-07	1.8E-08	2.7E-09	2.2E-09	2.3E-08	6.5E-08	1.1E-07
740	UCART1	594007.59	4123559.92	594007.59, 4123559.92	2.47E-04	1.04E-04	1.25E-04	4.76E-04	1.6E-07	6.9E-08	8.3E-08	1.9E-07	1.5E-08	2.4E-09	1.9E-09	2.0E-08	5.8E-08	9.8E-08
741	UCART1	592567.59	4123599.92	592567.59, 4123599.92	1.35E-04	1.66E-04	1.40E-04	4.42E-04	8.9E-08	1.1E-07	9.3E-08	1.6E-07	8.4E-09	3.9E-09	2.2E-09	1.5E-08	4.9E-08	7.8E-08
742	UCART1	592607.59	4123599.92	592607.59, 4123599.92	1.53E-04	1.93E-04	1.59E-04	5.04E-04	1.0E-07	1.3E-07	1.0E-07	1.8E-07	9.5E-09	4.5E-09	2.5E-09	1.6E-08	5.5E-08	8.8E-08
743	UCART1	592647.59	4123599.92	592647.59, 4123599.92	1.74E-04	2.24E-04	1.81E-04	5.79E-04	1.1E-07	1.5E-07	1.2E-07	2.1E-07	1.1E-08	5.2E-09	2.8E-09	1.9E-08	6.2E-08	1.0E-07
744	UCART1	592687.59	4123599.92	592687.59, 4123599.92	2.00E-04	2.64E-04	2.08E-04	6.72E-04	1.3E-07	1.7E-07	1.4E-07	2.4E-07	1.2E-08	6.2E-09	3.2E-09	2.2E-08	7.1E-08	1.1E-07
745	UCART1	592727.59	4123599.92	592727.59, 4123599.92	2.32E-04	3.12E-04	2.41E-04	7.85E-04	1.5E-07	2.1E-07	1.6E-07	2.7E-07	1.4E-08	7.3E-09	3.8E-09	2.6E-08	8.1E-08	1.3E-07
746	UCART1	592767.59	4123599.92	592767.59, 4123599.92	2.72E-04	3.72E-04	2.81E-04	9.25E-04	1.8E-07	2.5E-07	1.9E-07	3.2E-07	1.7E-08	8.7E-09	4.4E-09	3.0E-08	9.5E-08	1.5E-07
747	UCART1	592807.59	4123599.92	592807.59, 4123599.92	3.21E-04	4.47E-04	3.29E-04	1.10E-03	2.1E-07	3.0E-07	2.2E-07	3.7E-07	2.0E-08	1.0E-08	5.1E-09	3.6E-08	1.1E-07	1.8E-07
748	UCART1	592847.59	4123599.92	592847.59, 4123599.92	3.80E-04	5.39E-04	3.84E-04	1.30E-03	2.5E-07	3.6E-07	2.5E-07	4.4E-07	2.4E-08	1.3E-08	6.0E-09	4.2E-08	1.3E-07	2.2E-07
749	UCART1	592887.59	4123599.92	592887.59, 4123599.92	4.60E-04	6.51E-04	4.52E-04	1.56E-03	3.0E-07	4.3E-07	3.0E-07	5.2E-07	2.9E-08	1.5E-08	7.0E-09	5.1E-08	1.6E-07	2.6E-07
750	UCART1	592927.59	4123599.92	592927.59, 4123599.92	5.78E-04	7.90E-04	5.41E-04	1.91E-03	3.8E-07	5.2E-07	3.6E-07	6.4E-07	3.6E-08	1.8E-08	8.4E-09	6.3E-08	1.9E-07	3.2E-07
751	UCART1	592967.59	4123599.92	592967.59, 4123599.92	6.14E-04	9.46E-04	5.91E-04	2.15E-03	4.1E-07	6.3E-07	3.9E-07	7.9E-07	3.8E-08	2.2E-08	9.2E-09	7.0E-08	2.3E-07	3.7E-07
752	UCART1	593007.59	4123599.92	593007.59, 4123599.92	6.04E-04	1.13E-03	6.16E-04	2.35E-03	4.0E-07	7.5E-07	4.1E-07	9.9E-07	3.8E-08	2.6E-08	9.6E-09	7.4E-08	3.0E-07	4.4E-07
753	UCART1	593047.59	4123599.92	593047.59, 4123599.92	6.87E-04	1.35E-03	6.78E-04	2.71E-03	4.5E-07	8.9E-07	4.5E-07	1.3E-06	4.3E-08	3.2E-08	1.1E-08	8.5E-08	3.8E-07	5.5E-07
754	UCART1	593087.59	4123599.92	593087.59, 4123599.92	8.17E-04	1.60E-03	7.47E-04	3.16E-03	5.4E-07	1.1E-06	4.9E-07	1.6E-06	5.1E-08	3.7E-08	1.2E-08	1.0E-07	4.9E-07	6.9E-07
755	UCART1	593127.59	4123599.92	593127.59, 4123599.92	9.93E-04	1.86E-03	8.11E-04	3.67E-03	6.6E-07	1.2E-06	5.4E-07	2.1E-06	6.2E-08	4.4E-08	1.3E-08	1.2E-07	6.4E-07	8.8E-07
756	UCART1	593167.59	4123599.92	593167.59, 4123599.92	1.22E-03	2.10E-03	8.62E-04	4.18E-03	8.0E-07	1.4E-06	5.7E-07	2.8E-06	7.6E-08	4.9E-08	1.3E-08	1.4E-07	8.3E-07	1.1E-06
757	UCART1	593207.59	4123599.92	593207.59, 4123599.92	1.48E-03	2.26E-03	8.95E-04	4.63E-03	9.8E-07	1.5E-06	5.9E-07	3.5E-06	9.3E-08	5.3E-08	1.4E-08	1.6E-07	1.0E-06	1.4E-06
758	UCART1	593247.59	4123599.92	593247.59, 4123599.92	1.77E-03	2.27E-03	9.08E-04	4.96E-03	1.2E-06	1.5E-06	6.0E-07	4.1E-06	1.1E-07	5.3E-08	1.4E-08	1.8E-07	1.2E-06	1.6E-06
759	UCART1	593287.59	4123599.92	593287.59, 4123599.92	2.05E-03	2.14E-03	9.02E-04	5.09E-03	1.4E-06	1.4E-06	6.0E-07	4.3E-06	1.3E-07	5.0E-08	1.4E-08	1.9E-07	1.3E-06	1.7E-06
760	UCART1	593327.59	4123599.92	593327.59, 4123599.92	2.26E-03	1.83E-03	8.78E-04	4.97E-03	1.5E-06	1.2E-06	5.8E-07	4.2E-06	1.4E-07	4.3E-08	1.4E-08	2.0E-07	1.3E-06	1.7E-06
761	UCART1	593367.59	4123599.92	593367.59, 4123599.92	2.37E-03	1.42E-03	8.36E-04	4.63E-03	1.6E-06	9.4E-07	5.5E-07	3.7E-06	1.5E-07	3.3E-08	1.3E-08	1.9E-07	1.1E-06	1.5E-06
762	UCART1	593407.59	4123599.92	593407.59, 4123599.92	2.35E-03	1.10E-03	7.76E-04	4.22E-03	1.6E-06	7.3E-07	5.1E-07	2.8E-06	1.5E-07	2.6E-08	1.2E-08	1.8E-07	8.5E-07	1.2E-06
763	UCART1	593447.59	4123599.92	593447.59, 4123599.92	2.23E-03	8.57E-04	6.99E-04	3.79E-03	1.5E-06	5.7E-07	4.6E-07	2.1E-06	1.4E-07	2.0E-08	1.1E-08	1.7E-07	6.2E-07	9.6E-07
764	UCART1	593487.59	4123599.92	593487.59, 4123599.92	2.05E-03	6.78E-04	6.14E-04	3.34E-03	1.4E-06	4.5E-07	4.1E-07	1.6E-06	1.3E-07	1.6E-08	9.6E-09	1.5E-07	4.7E-07	7.8E-07
765	UCART1	593527.59	4123599.92	593527.59, 4123599.92	1.83E-03	5.45E-04	5.30E-04	2.90E-03	1.2E-06	3.6E-07	3.5E-07	1.2E-06	1.1E-07	1.3E-08	8.3E-09	1.4E-07	3.7E-07	6.4E-07
766	UCART1	593567.59	4123599.92	593567.59, 4123599.92	1.58E-03	4.46E-04	4.56E-04	2.49E-03	1.0E-06	2.9E-07	3.0E-07	9.8E-07	9.9E-08	1.0E-08	7.1E-09	1.2E-07	2.9E-07	5.2E-07
767	UCART1	593607.59	4123599.92	593607.59, 4123599.92	1.34E-03	3.71E-04	3.94E-04	2.11E-03	8.9E-07	2.5E-07	2.6E-07	7.9E-07	8.4E-08	8.7E-09	6.1E-09	9.9E-08	2.3E-07	4.3E-07
768	UCART1	593647.59	4123599.92	593647.59, 4123599.92	1.11E-03	3.13E-04	3.42E-04	1.77E-03	7.4E-07	2.1E-07	2.3E-07	6.5E-07	6.9E-08	7.3E-09	5.3E-09	8.2E-08	1.9E-07	3.6E-07
769	UCART1	593687.59	4123599.92	593687.59, 4123599.92	9.05E-04	2.68E-04	2.97E-04	1.47E-03	6.0E-07	1.8E-07	2.0E-07	5.4E-07	5.6E-08	6.3E-09	4.6E-09	6.7E-08	1.6E-07	2.9E-07
770	UCART1	593727.59	4123599.92	593727.59, 4123599.92	7.33E-04	2.31E-04	2.59E-04	1.22E-03	4.8E-07	1.5E-07	1.7E-07	4.5E-07	4.6E-08	5.4E-09	4.0E-09	5.5E-08	1.3E-07	2.4E-07
771	UCART1	593767.59	4123599.92	593767.59, 4123599.92	5.99E-04	2.01E-04	2.27E-04	1.03E-03	4.0E-07	1.3E-07	1.5E-07	3.8E-07	3.7E-08	4.7E-09	3.5E-09	4.6E-08	1.1E-07	2.1E-07
772	UCART1	593807.59	4123599.92	593807.59, 4123599.92	4.94E-04	1.76E-04	2.01E-04	8.71E-04	3.3E-07	1.2E-07	1.3E-07	3.3E-07	3.1E-08	4.1E-09	3.1E-09	3.8E-08	9.8E-08	1.7E-07
773	UCART1	593847.59	4123599.92	593847.59, 4123599.92	4.12E-04	1.55E-04	1.78E-04	7.46E-04	2.7E-07	1.0E-07	1.2E-07	2.9E-07	2.6E-08	3.6E-09	2.8E-09	3.2E-08	8.6E-08	1.5E-07
774	UCART1	593887.59	4123599.92	593887.59, 4123599.92	3.47E-04	1.38E-04	1.59E-04	6.44E-04	2.3E-07	9.1E-08	1.1E-07	2.5E-07	2.2E-08	3.2E-09	2.5E-09	2.7E-08	7.5E-08	1.3E-07
775	UCART1	593927.59	4123599.92	593927.59, 4123599.92	2.96E-04	1.23E-04	1.43E-04	5.63E-04	2.0E-07	8.1E-08	9.5E-08	2.2E-07	1.8E-08	2.9E-09	2.2E-09	2.4E-08	6.7E-08	1.1E-07
776	UCART1	593967.59	4123599.92	593967.59, 4123599.92	2.55E-04	1.11E-04	1.29E-04	4.95E-04	1.7E-07	7.3E-08	8.5E-08	2.0E-07	1.6E-08	2.6E-09	2.0E-09	2.1E-08	6.0E-08	1.0E-07
777	UCART1	594007.59	4123599.92	594007.59, 4123599.92	2.22E-04	1.00E-04	1.17E-04	4.39E-04	1.5E-07	6.6E-08	7.7E-08	1.8E-07	1.4E-08	2.3E-09	1.8E-09	1.8E-08	5.4E-08	9.0E-08
778	UCART1	593087.59	4123639.92	593087.59, 4123639.92	8.15E-04	1.32E-03	6.44E-04	2.78E-03	5.4E-07	8.7E-07	4.3E-07	1.6E-06	5.1E-08	3.1E-08	1.0E-08	9.2E-08	4.9E-07	6.7E-07
779	UCART1	593127.59	4123639.92	593127.59, 4123639.92	9.59E-04	1.42E-03	6.78E-04	3.06E-03	6.3E-07	9.4E-07	4.5E-07	2.0E-06	6.0E-08	3.3E-08	1.1E-08	1.0E-07	6.0E-07	8.0E-07

780	UCART1	593167.59	4123639.92	593167.59, 4123639.92	1.12E-03	1.47E-03	6.97E-04	3.29E-03	7.4E-07	9.7E-07	4.6E-07	2.4E-06	7.0E-08	3.4E-08	1.1E-08	1.2E-07	7.1E-07	9.4E-07
781	UCART1	593207.59	4123639.92	593207.59, 4123639.92	1.28E-03	1.46E-03	7.03E-04	3.45E-03	8.5E-07	9.7E-07	4.6E-07	2.7E-06	8.0E-08	3.4E-08	1.1E-08	1.2E-07	8.0E-07	1.0E-06
782	UCART1	593247.59	4123639.92	593247.59, 4123639.92	1.42E-03	1.42E-03	6.97E-04	3.54E-03	9.4E-07	9.4E-07	4.6E-07	2.8E-06	8.9E-08	3.3E-08	1.1E-08	1.3E-07	8.4E-07	1.1E-06
783	UCART1	593287.59	4123639.92	593287.59, 4123639.92	1.54E-03	1.33E-03	6.83E-04	3.55E-03	1.0E-06	8.8E-07	4.5E-07	2.8E-06	9.6E-08	3.1E-08	1.1E-08	1.4E-07	8.3E-07	1.1E-06
784	UCART1	593327.59	4123639.92	593327.59, 4123639.92	1.61E-03	1.15E-03	6.60E-04	3.42E-03	1.1E-06	7.6E-07	4.4E-07	2.6E-06	1.0E-07	2.7E-08	1.0E-08	1.4E-07	7.8E-07	1.1E-06
785	UCART1	593367.59	4123639.92	593367.59, 4123639.92	1.63E-03	9.37E-04	6.28E-04	3.20E-03	1.1E-06	6.2E-07	4.2E-07	2.3E-06	1.0E-07	2.2E-08	9.8E-09	1.3E-07	6.8E-07	9.5E-07
786	UCART1	593407.59	4123639.92	593407.59, 4123639.92	1.59E-03	7.66E-04	5.84E-04	2.94E-03	1.1E-06	5.1E-07	3.9E-07	1.8E-06	9.9E-08	1.8E-08	9.1E-09	1.3E-07	5.5E-07	8.0E-07
787	UCART1	593447.59	4123639.92	593447.59, 4123639.92	1.50E-03	6.35E-04	5.30E-04	2.67E-03	9.9E-07	4.2E-07	3.5E-07	1.4E-06	9.4E-08	1.5E-08	8.3E-09	1.2E-07	4.2E-07	6.6E-07
788	UCART1	593487.59	4123639.92	593487.59, 4123639.92	1.38E-03	5.25E-04	4.71E-04	2.38E-03	9.1E-07	3.5E-07	3.1E-07	1.1E-06	8.6E-08	1.2E-08	7.3E-09	1.1E-07	3.4E-07	5.5E-07
789	UCART1	593527.59	4123639.92	593527.59, 4123639.92	1.24E-03	4.35E-04	4.13E-04	2.09E-03	8.2E-07	2.9E-07	2.7E-07	9.3E-07	7.7E-08	1.0E-08	6.4E-09	9.4E-08	2.8E-07	4.6E-07
790	UCART1	593567.59	4123639.92	593567.59, 4123639.92	1.09E-03	3.66E-04	3.62E-04	1.82E-03	7.2E-07	2.4E-07	2.4E-07	7.6E-07	6.8E-08	8.6E-09	5.7E-09	8.2E-08	2.3E-07	3.9E-07
791	UCART1	593607.59	4123639.92	593607.59, 4123639.92	9.44E-04	3.13E-04	3.19E-04	1.58E-03	6.2E-07	2.1E-07	2.1E-07	6.4E-07	5.9E-08	7.3E-09	5.0E-09	7.1E-08	1.9E-07	3.3E-07
792	UCART1	593647.59	4123639.92	593647.59, 4123639.92	8.02E-04	2.70E-04	2.82E-04	1.35E-03	5.3E-07	1.8E-07	1.9E-07	5.4E-07	5.0E-08	6.3E-09	4.4E-09	6.1E-08	1.6E-07	2.8E-07
793	UCART1	593687.59	4123639.92	593687.59, 4123639.92	6.75E-04	2.36E-04	2.49E-04	1.16E-03	4.5E-07	1.6E-07	1.6E-07	4.6E-07	4.2E-08	5.5E-09	3.9E-09	5.2E-08	1.4E-07	2.4E-07
794	UCART1	593727.59	4123639.92	593727.59, 4123639.92	5.65E-04	2.08E-04	2.21E-04	9.94E-04	3.7E-07	1.4E-07	1.5E-07	4.0E-07	3.5E-08	4.9E-09	3.4E-09	4.4E-08	1.2E-07	2.1E-07
795	UCART1	593767.59	4123639.92	593767.59, 4123639.92	4.77E-04	1.84E-04	1.96E-04	8.57E-04	3.2E-07	1.2E-07	1.3E-07	3.4E-07	3.0E-08	4.3E-09	3.1E-09	3.7E-08	1.0E-07	1.8E-07
796	UCART1	593807.59	4123639.92	593807.59, 4123639.92	4.06E-04	1.63E-04	1.75E-04	7.44E-04	2.7E-07	1.1E-07	1.2E-07	3.0E-07	2.5E-08	3.8E-09	2.7E-09	3.2E-08	8.9E-08	1.5E-07
797	UCART1	593847.59	4123639.92	593847.59, 4123639.92	3.47E-04	1.46E-04	1.58E-04	6.51E-04	2.3E-07	9.6E-08	1.0E-07	2.6E-07	2.2E-08	3.4E-09	2.5E-09	2.8E-08	7.8E-08	1.3E-07
798	UCART1	593887.59	4123639.92	593887.59, 4123639.92	2.99E-04	1.30E-04	1.43E-04	5.72E-04	2.0E-07	8.6E-08	9.4E-08	2.3E-07	1.9E-08	3.1E-09	2.2E-09	2.4E-08	6.9E-08	1.2E-07
799	UCART1	593927.59	4123639.92	593927.59, 4123639.92	2.60E-04	1.17E-04	1.30E-04	5.07E-04	1.7E-07	7.8E-08	8.6E-08	2.1E-07	1.6E-08	2.7E-09	2.0E-09	2.1E-08	6.2E-08	1.0E-07
800	UCART1	593967.59	4123639.92	593967.59, 4123639.92	2.28E-04	1.06E-04	1.18E-04	4.52E-04	1.5E-07	7.0E-08	7.8E-08	1.9E-07	1.4E-08	2.5E-09	1.8E-09	1.9E-08	5.6E-08	9.3E-08
801	UCART1	594007.59	4123639.92	594007.59, 4123639.92	2.01E-04	9.63E-05	1.08E-04	4.05E-04	1.3E-07	6.4E-08	7.2E-08	1.7E-07	1.3E-08	2.3E-09	1.7E-09	1.6E-08	5.0E-08	8.3E-08
802	UCART1	593087.59	4123679.92	593087.59, 4123679.92	7.71E-04	1.03E-03	5.44E-04	2.35E-03	5.1E-07	6.8E-07	3.6E-07	1.5E-06	4.8E-08	2.4E-08	8.5E-09	8.1E-08	4.5E-07	6.1E-07
803	UCART1	593127.59	4123679.92	593127.59, 4123679.92	8.68E-04	1.04E-03	5.54E-04	2.46E-03	5.7E-07	6.9E-07	3.7E-07	1.7E-06	5.4E-08	2.4E-08	8.6E-09	8.7E-08	5.1E-07	6.8E-07
804	UCART1	593167.59	4123679.92	593167.59, 4123679.92	9.68E-04	1.03E-03	5.59E-04	2.55E-03	6.4E-07	6.8E-07	3.7E-07	1.9E-06	6.0E-08	2.4E-08	8.7E-09	9.3E-08	5.6E-07	7.4E-07
805	UCART1	593207.59	4123679.92	593207.59, 4123679.92	1.06E-03	1.01E-03	5.56E-04	2.62E-03	7.0E-07	6.7E-07	3.7E-07	2.0E-06	6.6E-08	2.4E-08	8.7E-09	9.8E-08	5.8E-07	7.8E-07
806	UCART1	593247.59	4123679.92	593247.59, 4123679.92	1.12E-03	9.76E-04	5.46E-04	2.65E-03	7.4E-07	6.5E-07	3.6E-07	1.9E-06	7.0E-08	2.3E-08	8.5E-09	1.0E-07	5.8E-07	7.8E-07
807	UCART1	593287.59	4123679.92	593287.59, 4123679.92	1.17E-03	9.04E-04	5.33E-04	2.61E-03	7.8E-07	6.0E-07	3.5E-07	1.9E-06	7.3E-08	2.1E-08	8.3E-09	1.0E-07	5.6E-07	7.7E-07
808	UCART1	593327.59	4123679.92	593327.59, 4123679.92	1.19E-03	7.93E-04	5.14E-04	2.50E-03	7.9E-07	5.2E-07	3.4E-07	1.8E-06	7.4E-08	1.9E-08	8.0E-09	1.0E-07	5.2E-07	7.3E-07
809	UCART1	593367.59	4123679.92	593367.59, 4123679.92	1.18E-03	6.69E-04	4.89E-04	2.34E-03	7.8E-07	4.4E-07	3.2E-07	1.5E-06	7.4E-08	1.6E-08	7.6E-09	9.7E-08	4.6E-07	6.6E-07
810	UCART1	593407.59	4123679.92	593407.59, 4123679.92	1.14E-03	5.63E-04	4.56E-04	2.16E-03	7.5E-07	3.7E-07	3.0E-07	1.3E-06	7.1E-08	1.3E-08	7.1E-09	9.1E-08	3.8E-07	5.6E-07
811	UCART1	593447.59	4123679.92	593447.59, 4123679.92	1.07E-03	4.87E-04	4.16E-04	1.97E-03	7.1E-07	3.2E-07	2.8E-07	1.0E-06	6.7E-08	1.1E-08	6.5E-09	8.5E-08	3.1E-07	4.8E-07
812	UCART1	593487.59	4123679.92	593487.59, 4123679.92	9.87E-04	4.18E-04	3.73E-04	1.78E-03	6.5E-07	2.8E-07	2.5E-07	8.5E-07	6.2E-08	9.8E-09	5.8E-09	7.7E-08	2.5E-07	4.1E-07
813	UCART1	593527.59	4123679.92	593527.59, 4123679.92	8.94E-04	3.56E-04	3.32E-04	1.58E-03	5.9E-07	2.4E-07	2.2E-07	7.2E-07	5.6E-08	8.3E-09	5.2E-09	6.9E-08	2.1E-07	3.5E-07
814	UCART1	593567.59	4123679.92	593567.59, 4123679.92	7.97E-04	3.04E-04	2.95E-04	1.40E-03	5.3E-07	2.0E-07	2.0E-07	6.1E-07	5.0E-08	7.1E-09	4.6E-09	6.1E-08	1.8E-07	3.0E-07
815	UCART1	593607.59	4123679.92	593607.59, 4123679.92	7.01E-04	2.64E-04	2.63E-04	1.23E-03	4.6E-07	1.7E-07	1.7E-07	5.2E-07	4.4E-08	6.2E-09	4.1E-09	5.4E-08	1.6E-07	2.6E-07
816	UCART1	593647.59	4123679.92	593647.59, 4123679.92	6.08E-04	2.32E-04	2.36E-04	1.08E-03	4.0E-07	1.5E-07	1.6E-07	4.5E-07	3.8E-08	5.4E-09	3.7E-09	4.7E-08	1.3E-07	2.3E-07
817	UCART1	593687.59	4123679.92	593687.59, 4123679.92	5.23E-04	2.07E-04	2.12E-04	9.42E-04	3.5E-07	1.4E-07	1.4E-07	3.9E-07	3.3E-08	4.8E-09	3.3E-09	4.1E-08	1.2E-07	2.0E-07
818	UCART1	593727.59	4123679.92	593727.59, 4123679.92	4.50E-04	1.85E-04	1.90E-04	8.25E-04	3.0E-07	1.2E-07	1.3E-07	3.5E-07	2.8E-08	4.3E-09	3.0E-09	3.5E-08	1.0E-07	1.7E-07
819	UCART1	593767.59	4123679.92	593767.59, 4123679.92	3.89E-04	1.66E-04	1.71E-04	7.26E-04	2.6E-07	1.1E-07	1.1E-07	3.0E-07	2.4E-08	3.9E-09	2.7E-09	3.1E-08	9.1E-08	1.5E-07
820	UCART1	593807.59	4123679.92	593807.59, 4123679.92	3.38E-04	1.50E-04	1.54E-04	6.42E-04	2.2E-07	9.9E-08	1.0E-07	2.7E-07	2.1E-08	3.5E-09	2.4E-09	2.7E-08	8.0E-08	1.3E-07
821	UCART1	593847.59	4123679.92	593847.59, 4123679.92	2.96E-04	1.35E-04	1.40E-04	5.71E-04	2.0E-07	9.0E-08	9.3E-08	2.4E-07	1.8E-08	3.2E-09	2.2E-09	2.4E-08	7.2E-08	1.2E-07
822	UCART1	593887.59	4123679.92	593887.59, 4123679.92	2.59E-04	1.23E-04	1.28E-04	5.09E-04	1.7E-07	8.1E-08	8.5E-08	2.1E-07	1.6E-08	2.9E-09	2.0E-09	2.1E-08	6.4E-08	1.1E-07
823	UCART1	593927.59	4123679.92	593927.59, 4123679.92	2.29E-04	1.12E-04	1.17E-04	4.58E-04	1.5E-07	7.4E-08	7.8E-08	1.9E-07	1.4E-08	2.6E-09	1.8E-09	1.9E-08	5.8E-08	9.5E-08
824	UCART1	593967.59	4123679.92	593967.59, 4123679.92	2.03E-04	1.02E-04	1.08E-04	4.13E-04	1.3E-07	6.7E-08	7.2E-08	1.7E-07	1.3E-08	2.4E-09	1.7E-09	1.7E-08	5.2E-08	8.6E-08
825	UCART1	594007.59	4123679.92	594007.59, 4123679.92	1.82E-04	9.29E-05	9.98E-05	3.74E-04	1.2E-07	6.1E-08	6.6E-08	1.6E-07	1.1E-08	2.2E-09	1.6E-09	1.5E-08	4.7E-08	7.8E-08
826	UCART1	593087.59	4123719.92	593087.59, 4123719.92	7.00E-04	7.85E-04	4.57E-04	1.94E-03	4.6E-07	5.2E-07	3.0E-07	1.3E-06	4.4E-08	1.8E-08	7.1E-09	6.9E-08	3.8E-07	5.2E-07
827	UCART1	593127.59	4123719.92	593127.59, 4123719.92	7.65E-04	7.70E-04	4.59E-04	1.99E-03	5.1E-07	5.1E-07	3.0E-07	1.4E-06	4.8E-08	1.8E-08	7.2E-09	7.3E-08	4.1E-07	5.6E-07
828	UCART1	593167.59	4123719.92	593167.59, 4123719.92	8.21E-04	7.52E-04	4.56E-04	2.03E-03	5.4E-07	5.0E-07	3.0E-07	1.4E-06	5.1E-08	1.8E-08	7.1E-09	7.6E-08	4.3E-07	5.8E-07
829	UCART1	593207.59	4123719.92	593207.59, 4123719.92	8.65E-04	7.40E-04	4.48E-04	2.05E-03	5.7E-07	4.9E-07	3.0E-07	1.4E-06	5.4E-08	1.7E-08	7.0E-09	7.8E-08	4.3E-07	5.9E-07
830	UCART1	593247.59	4123719.92	593247.59, 4123719.92	8.94E-04	7.15E-04	4.38E-04	2.05E-03	5.9E-07	4.7E-07	2.9E-07	1.4E-06	5.6E-08	1.7E-08	6.8E-09	7.9E-08	4.2E-07	5.8E-07
831	UCART1	593287.59	4123719.92	593287.59, 4123719.92	9.09E-04	6.58E-04	4.27E-04	1.99E-03	6.0E-07	4.4E-07	2.8E-07	1.3E-06	5.7E-08	1.5E-08	6.7E-09	7.9E-08	4.0E-07	5.6E-07
832	UCART1	593327.59	4123719.92	593327.59, 4123719.92	9.08E-04	5.85E-04	4.12E-04	1.90E-03	6.0E-07	3.9E-07	2.7E-07	1.3E-06	5.7E-08	1.4E-08	6.4E-09	7.7E-08	3.7E-07	5.3E-07
833	UCART1	593367.59	4123719.92	593367.59, 4123719.92	8.87E-04	5.05E-04	3.91E-04	1.78E-03	5.9E-07	3.3E-07	2.6E-07	1.1E-06	5.5E-08	1.2E-08	6.1E-09	7.3E-08	3.3E-07	4.8E-07
834	UCART1	593407.59	4123719.92	593407.59, 4123719.92	8.49E-04	4.31E-04	3.66E-04	1.65E-03	5.6E-07	2.9E-07	2.4E-07	9.4E-07	5.3E-08	1.0E-08	5.7E-09	6.9E-08	2.8E-07	4.2E-07
835	UCART1	593447.59	4123719.92	593447.59, 4123719.92	7.98E-04	3.82E-04	3.35E-04	1.52E-03	5.3E-07	2.5E-07	2.2E-07	7.9E-07	5.0E-08	8.9E-09	5.2E-09	6.4E-08	2.4E-07	3.6E-07
836	UCART1	593487.59	4123719.92	593487.59, 4123719.92	7.39E-04	3.40E-04	3.03E-04	1.38E-03	4.9E-07	2.2E-07	2.0E-07	6.6E-07	4.6E-08	7.9E-09	4.7E-09	5.9E-08	2.0E-07	3.2E-07
837	UCART1	593527.59	4123719.92	593527.59, 4123719.92	6.74E-04	2.97E-04	2.72E-04	1.24E-03	4.5E-07	2.0E-07	1.8E-07	5.7E-07	4.2E-08	6.9E-09	4.2E-09	5.3E-08	1.7E-07	2.8E-07
838	UCART1	593567.59	4123719.92	593567.59, 4123719.92	6.08E-04	2.58E-04	2.45E-04	1.11E-03	4.0E-07	1.7E-07	1.6E-07	5.0E-07	3.8E-08	6.0E-09	3.8E-09	4.8E-08	1.5E-07	2.4E-07
839	UCART1	593607.59	4123719.92	593607.59, 4123719.92	5.42E-04	2.25E-04	2.21E-04	9.88E-04	3.6E-07	1.5E-07	1.5E-07	4.3E-07	3.4E-08	5.3E-09	3.4E-09	4.3E-08	1.3E-07	2.1E-07
840	UCART1	593647.59	4123719.92	593647.59, 4123719.92	4.78E-04	2.00E-04	2.01E-04	8.78E-04	3.2E-07	1.3E-07	1.3E-07	3.8E-07	3.0E-08	4.7E-09	3.1E-09	3.8E-08	1.1E-07	1.9E-07
841	UCART1	593687.59	4123719.92	593687.59, 4123719.92	4.18E-04	1.80E-04	1.83E-04	7.81E-04	2.8E-07	1.2E-07	1.2E-07	3.4E-07	2.6E-08	4.2E-09	2.9E-09	3.3E-08	1.0E-07	1.7E-07
842	UCART1	593727.59	4123719.92	593727.59, 4123719.92	3.66E-04	1.63E-04	1.66E-04	6.96E-04	2.4E-07	1.1E-07	1.1E-07	3.0E-07	2.3E-08	3.8E-09	2.6E-09	2.9E-08	9.0E-08	1.5E-07
843	UCART1	593767.59	4123719.92	593767.59, 4123719.92	3.23E-04	1.49E-04	1.51E-04	6.22E-04	2.1E-07	9.8E-08	1.0E-07	2.7E-07	2.0E-08	3.5E-09	2.4E-09	2.6E-08	8.1E-08	1.3E-07
844	UCART1	593807.59	4123719.92	593807.59, 4123719.92	2.86E-04	1.36E-04	1.37E-04	5.59E-04	1.9E-07	9.0E-08	9.1E-08	2.4E-07	1.8E-08	3.2E-09	2.1E-09	2.3E-08	7.2E-08	1.2E-07
845	UCART1	593847.59	4123719.92	593847.59, 4123719.92	2.54E-04	1.25E-04	1.25E-04	5.04E-04	1.7E-07	8.2E-08	8.3E-08	2.2E-07	1.6E-08	2.9E-09	2.0E-09	2.1E-08	6.5E-08	1.1E-07

846	UCART1	593887.59	4123719.92	593887.59, 4123719.92	2.26E-04	1.14E-04	1.15E-04	4.55E-04	1.5E-07	7.6E-08	7.6E-08	2.0E-07	1.4E-08	2.7E-09	1.8E-09	1.9E-08	5.9E-08	9.6E-08
847	UCART1	593927.59	4123719.92	593927.59, 4123719.92	2.02E-04	1.05E-04	1.06E-04	4.14E-04	1.3E-07	7.0E-08	7.0E-08	1.8E-07	1.3E-08	2.5E-09	1.7E-09	1.7E-08	5.3E-08	8.7E-08
848	UCART1	593967.59	4123719.92	593967.59, 4123719.92	1.82E-04	9.67E-05	9.86E-05	3.77E-04	1.2E-07	6.4E-08	6.5E-08	1.6E-07	1.1E-08	2.3E-09	1.5E-09	1.5E-08	4.9E-08	7.9E-08
849	UCART1	594007.59	4123719.92	594007.59, 4123719.92	1.64E-04	8.92E-05	9.18E-05	3.45E-04	1.1E-07	5.9E-08	6.1E-08	1.5E-07	1.0E-08	2.1E-09	1.4E-09	1.4E-08	4.5E-08	7.2E-08
850	UCART1	593087.59	4123759.92	593087.59, 4123759.92	6.22E-04	6.04E-04	3.85E-04	1.61E-03	4.1E-07	4.0E-07	2.5E-07	1.1E-06	3.9E-08	1.4E-08	6.0E-09	5.9E-08	3.2E-07	4.4E-07
851	UCART1	593127.59	4123759.92	593127.59, 4123759.92	6.60E-04	5.87E-04	3.82E-04	1.63E-03	4.4E-07	3.9E-07	2.5E-07	1.1E-06	4.1E-08	1.4E-08	6.0E-09	6.1E-08	3.3E-07	4.5E-07
852	UCART1	593167.59	4123759.92	593167.59, 4123759.92	6.89E-04	5.77E-04	3.76E-04	1.64E-03	4.6E-07	3.8E-07	2.5E-07	1.1E-06	4.3E-08	1.3E-08	5.9E-09	6.2E-08	3.3E-07	4.6E-07
853	UCART1	593207.59	4123759.92	593207.59, 4123759.92	7.09E-04	5.70E-04	3.68E-04	1.65E-03	4.7E-07	3.8E-07	2.4E-07	1.1E-06	4.4E-08	1.3E-08	5.7E-09	6.3E-08	3.3E-07	4.5E-07
854	UCART1	593247.59	4123759.92	593247.59, 4123759.92	7.19E-04	5.46E-04	3.60E-04	1.62E-03	4.8E-07	3.6E-07	2.4E-07	1.1E-06	4.5E-08	1.3E-08	5.6E-09	6.3E-08	3.2E-07	4.4E-07
855	UCART1	593287.59	4123759.92	593287.59, 4123759.92	7.18E-04	5.00E-04	3.49E-04	1.57E-03	4.8E-07	3.3E-07	2.3E-07	1.0E-06	4.5E-08	1.2E-08	5.4E-09	6.2E-08	3.0E-07	4.3E-07
856	UCART1	593327.59	4123759.92	593327.59, 4123759.92	7.08E-04	4.51E-04	3.37E-04	1.50E-03	4.7E-07	3.0E-07	2.2E-07	9.4E-07	4.4E-08	1.1E-08	5.3E-09	6.0E-08	2.8E-07	4.0E-07
857	UCART1	593367.59	4123759.92	593367.59, 4123759.92	6.87E-04	3.96E-04	3.20E-04	1.40E-03	4.5E-07	2.6E-07	2.1E-07	8.4E-07	4.3E-08	9.3E-09	5.0E-09	5.7E-08	2.5E-07	3.7E-07
858	UCART1	593407.59	4123759.92	593407.59, 4123759.92	6.56E-04	3.42E-04	3.00E-04	1.30E-03	4.3E-07	2.3E-07	2.0E-07	7.3E-07	4.1E-08	8.0E-09	4.7E-09	5.4E-08	2.2E-07	3.2E-07
859	UCART1	593447.59	4123759.92	593447.59, 4123759.92	6.17E-04	3.06E-04	2.76E-04	1.20E-03	4.1E-07	2.0E-07	1.8E-07	6.2E-07	3.8E-08	7.2E-09	4.3E-09	5.0E-08	1.9E-07	2.9E-07
860	UCART1	593487.59	4123759.92	593487.59, 4123759.92	5.73E-04	2.80E-04	2.52E-04	1.10E-03	3.8E-07	1.9E-07	1.7E-07	5.3E-07	3.6E-08	6.5E-09	3.9E-09	4.6E-08	1.6E-07	2.5E-07
861	UCART1	593527.59	4123759.92	593527.59, 4123759.92	5.27E-04	2.51E-04	2.28E-04	1.01E-03	3.5E-07	1.7E-07	1.5E-07	4.7E-07	3.3E-08	5.9E-09	3.6E-09	4.2E-08	1.4E-07	2.2E-07
862	UCART1	593567.59	4123759.92	593567.59, 4123759.92	4.80E-04	2.22E-04	2.07E-04	9.09E-04	3.2E-07	1.5E-07	1.4E-07	4.1E-07	3.0E-08	5.2E-09	3.2E-09	3.8E-08	1.2E-07	2.0E-07
863	UCART1	593607.59	4123759.92	593607.59, 4123759.92	4.32E-04	1.96E-04	1.89E-04	8.17E-04	2.9E-07	1.3E-07	1.2E-07	3.7E-07	2.7E-08	4.6E-09	2.9E-09	3.4E-08	1.1E-07	1.8E-07
864	UCART1	593647.59	4123759.92	593647.59, 4123759.92	3.85E-04	1.75E-04	1.73E-04	7.33E-04	2.6E-07	1.2E-07	1.1E-07	3.3E-07	2.4E-08	4.1E-09	2.7E-09	3.1E-08	9.7E-08	1.6E-07
865	UCART1	593687.59	4123759.92	593687.59, 4123759.92	3.43E-04	1.58E-04	1.59E-04	6.59E-04	2.3E-07	1.0E-07	1.1E-07	2.9E-07	2.1E-08	3.7E-09	2.5E-09	2.8E-08	8.7E-08	1.4E-07
866	UCART1	593727.59	4123759.92	593727.59, 4123759.92	3.05E-04	1.44E-04	1.46E-04	5.95E-04	2.0E-07	9.5E-08	9.7E-08	2.6E-07	1.9E-08	3.4E-09	2.3E-09	2.5E-08	7.9E-08	1.3E-07
867	UCART1	593767.59	4123759.92	593767.59, 4123759.92	2.72E-04	1.33E-04	1.34E-04	5.39E-04	1.8E-07	8.8E-08	8.9E-08	2.4E-07	1.7E-08	3.1E-09	2.1E-09	2.2E-08	7.1E-08	1.2E-07
868	UCART1	593807.59	4123759.92	593807.59, 4123759.92	2.44E-04	1.23E-04	1.23E-04	4.89E-04	1.6E-07	8.1E-08	8.1E-08	2.2E-07	1.5E-08	2.9E-09	1.9E-09	2.0E-08	6.5E-08	1.0E-07
869	UCART1	593847.59	4123759.92	593847.59, 4123759.92	2.20E-04	1.14E-04	1.13E-04	4.46E-04	1.5E-07	7.5E-08	7.5E-08	2.0E-07	1.4E-08	2.7E-09	1.8E-09	1.8E-08	5.9E-08	9.5E-08
870	UCART1	593887.59	4123759.92	593887.59, 4123759.92	1.99E-04	1.06E-04	1.04E-04	4.08E-04	1.3E-07	7.0E-08	6.9E-08	1.8E-07	1.2E-08	2.5E-09	1.6E-09	1.6E-08	5.4E-08	8.7E-08
871	UCART1	593927.59	4123759.92	593927.59, 4123759.92	1.80E-04	9.81E-05	9.67E-05	3.74E-04	1.2E-07	6.5E-08	6.4E-08	1.7E-07	1.1E-08	2.3E-09	1.5E-09	1.5E-08	4.9E-08	7.9E-08
872	UCART1	593967.59	4123759.92	593967.59, 4123759.92	1.63E-04	9.12E-05	9.02E-05	3.44E-04	1.1E-07	6.0E-08	6.0E-08	1.5E-07	1.0E-08	2.1E-09	1.4E-09	1.4E-08	4.5E-08	7.3E-08
873	UCART1	594007.59	4123759.92	594007.59, 4123759.92	1.49E-04	8.48E-05	8.44E-05	3.18E-04	9.8E-08	5.6E-08	5.6E-08	1.4E-07	9.3E-09	2.0E-09	1.3E-09	1.3E-08	4.2E-08	6.7E-08
874	UCART1	593087.59	4123799.92	593087.59, 4123799.92	5.45E-04	4.75E-04	3.26E-04	1.35E-03	3.6E-07	3.1E-07	2.2E-07	8.8E-07	3.4E-08	1.1E-08	5.1E-09	5.0E-08	2.6E-07	3.6E-07
875	UCART1	593127.59	4123799.92	593127.59, 4123799.92	5.65E-04	4.64E-04	3.20E-04	1.35E-03	3.7E-07	3.1E-07	2.1E-07	8.9E-07	3.5E-08	1.1E-08	5.0E-09	5.1E-08	2.6E-07	3.7E-07
876	UCART1	593167.59	4123799.92	593167.59, 4123799.92	5.78E-04	4.60E-04	3.14E-04	1.35E-03	3.8E-07	3.0E-07	2.1E-07	8.8E-07	3.6E-08	1.1E-08	4.9E-09	5.2E-08	2.6E-07	3.7E-07
877	UCART1	593207.59	4123799.92	593207.59, 4123799.92	5.85E-04	4.54E-04	3.07E-04	1.35E-03	3.9E-07	3.0E-07	2.0E-07	8.5E-07	3.6E-08	1.1E-08	4.8E-09	5.2E-08	2.6E-07	3.6E-07
878	UCART1	593247.59	4123799.92	593247.59, 4123799.92	5.84E-04	4.31E-04	3.00E-04	1.32E-03	3.9E-07	2.8E-07	2.0E-07	8.3E-07	3.6E-08	1.0E-08	4.7E-09	5.1E-08	2.5E-07	3.5E-07
879	UCART1	593287.59	4123799.92	593287.59, 4123799.92	5.78E-04	3.94E-04	2.92E-04	1.26E-03	3.8E-07	2.6E-07	1.9E-07	7.9E-07	3.6E-08	9.2E-09	4.5E-09	5.0E-08	2.4E-07	3.4E-07
880	UCART1	593327.59	4123799.92	593327.59, 4123799.92	5.65E-04	3.59E-04	2.81E-04	1.21E-03	3.7E-07	2.4E-07	1.9E-07	7.4E-07	3.5E-08	8.4E-09	4.4E-09	4.8E-08	2.2E-07	3.2E-07
881	UCART1	593367.59	4123799.92	593367.59, 4123799.92	5.46E-04	3.21E-04	2.67E-04	1.13E-03	3.6E-07	2.1E-07	1.8E-07	6.6E-07	3.4E-08	7.5E-09	4.2E-09	4.6E-08	2.0E-07	2.9E-07
882	UCART1	593407.59	4123799.92	593407.59, 4123799.92	5.21E-04	2.80E-04	2.51E-04	1.05E-03	3.4E-07	1.9E-07	1.7E-07	5.8E-07	3.2E-08	6.5E-09	3.9E-09	4.3E-08	1.7E-07	2.6E-07
883	UCART1	593447.59	4123799.92	593447.59, 4123799.92	4.91E-04	2.51E-04	2.32E-04	9.74E-04	3.2E-07	1.7E-07	1.5E-07	5.0E-07	3.1E-08	5.9E-09	3.6E-09	4.0E-08	1.5E-07	2.3E-07
884	UCART1	593487.59	4123799.92	593487.59, 4123799.92	4.58E-04	2.33E-04	2.13E-04	9.04E-04	3.0E-07	1.5E-07	1.4E-07	4.4E-07	2.9E-08	5.4E-09	3.3E-09	3.7E-08	1.3E-07	2.1E-07
885	UCART1	593527.59	4123799.92	593527.59, 4123799.92	4.24E-04	2.15E-04	1.94E-04	8.33E-04	2.8E-07	1.4E-07	1.3E-07	3.9E-07	2.6E-08	5.0E-09	3.0E-09	3.5E-08	1.2E-07	1.9E-07
886	UCART1	593567.59	4123799.92	593567.59, 4123799.92	3.88E-04	1.94E-04	1.77E-04	7.60E-04	2.6E-07	1.3E-07	1.2E-07	3.5E-07	2.4E-08	4.5E-09	2.8E-09	3.2E-08	1.0E-07	1.7E-07
887	UCART1	593607.59	4123799.92	593607.59, 4123799.92	3.53E-04	1.73E-04	1.63E-04	6.89E-04	2.3E-07	1.1E-07	1.1E-07	3.1E-07	2.2E-08	4.1E-09	2.5E-09	2.9E-08	9.4E-08	1.5E-07
888	UCART1	593647.59	4123799.92	593647.59, 4123799.92	3.18E-04	1.55E-04	1.51E-04	6.24E-04	2.1E-07	1.0E-07	1.0E-07	2.8E-07	2.0E-08	3.6E-09	2.3E-09	2.6E-08	8.4E-08	1.4E-07
889	UCART1	593687.59	4123799.92	593687.59, 4123799.92	2.86E-04	1.40E-04	1.40E-04	5.66E-04	1.9E-07	9.3E-08	9.2E-08	2.6E-07	1.8E-08	3.3E-09	2.2E-09	2.3E-08	7.6E-08	1.2E-07
890	UCART1	593727.59	4123799.92	593727.59, 4123799.92	2.58E-04	1.28E-04	1.30E-04	5.16E-04	1.7E-07	8.5E-08	8.6E-08	2.3E-07	1.6E-08	3.0E-09	2.0E-09	2.1E-08	7.0E-08	1.1E-07
891	UCART1	593767.59	4123799.92	593767.59, 4123799.92	2.33E-04	1.18E-04	1.20E-04	4.71E-04	1.5E-07	7.8E-08	7.9E-08	2.1E-07	1.5E-08	2.8E-09	1.9E-09	1.9E-08	6.3E-08	1.0E-07
892	UCART1	593807.59	4123799.92	593807.59, 4123799.92	2.11E-04	1.10E-04	1.11E-04	4.32E-04	1.4E-07	7.3E-08	7.3E-08	1.9E-07	1.3E-08	2.6E-09	1.7E-09	1.7E-08	5.8E-08	9.3E-08
893	UCART1	593847.59	4123799.92	593847.59, 4123799.92	1.92E-04	1.03E-04	1.02E-04	3.98E-04	1.3E-07	6.8E-08	6.8E-08	1.8E-07	1.2E-08	2.4E-09	1.6E-09	1.6E-08	5.3E-08	8.5E-08
894	UCART1	593887.59	4123799.92	593887.59, 4123799.92	1.76E-04	9.67E-05	9.51E-05	3.67E-04	1.2E-07	6.4E-08	6.3E-08	1.7E-07	1.1E-08	2.3E-09	1.5E-09	1.5E-08	4.9E-08	7.9E-08
895	UCART1	593927.59	4123799.92	593927.59, 4123799.92	1.61E-04	9.07E-05	8.85E-05	3.40E-04	1.1E-07	6.0E-08	5.9E-08	1.5E-07	1.0E-08	2.1E-09	1.4E-09	1.4E-08	4.6E-08	7.3E-08
896	UCART1	593967.59	4123799.92	593967.59, 4123799.92	1.47E-04	8.51E-05	8.27E-05	3.15E-04	9.7E-08	5.6E-08	5.5E-08	1.4E-07	9.2E-09	2.0E-09	1.3E-09	1.2E-08	4.2E-08	6.7E-08
897	UCART1	594007.59	4123799.92	594007.59, 4123799.92	1.35E-04	7.99E-05	7.78E-05	2.93E-04	8.9E-08	5.3E-08	5.1E-08	1.3E-07	8.4E-09	1.9E-09	1.2E-09	1.2E-08	3.9E-08	6.2E-08
898	UCART1	593087.59	4123839.92	593087.59, 4123839.92	4.74E-04	3.84E-04	2.78E-04	1.14E-03	3.1E-07	2.5E-07	1.8E-07	7.3E-07	3.0E-08	9.0E-09	4.3E-09	4.3E-08	2.2E-07	3.0E-07
899	UCART1	593127.59	4123839.92	593127.59, 4123839.92	4.83E-04	3.78E-04	2.72E-04	1.13E-03	3.2E-07	2.5E-07	1.8E-07	7.2E-07	3.0E-08	8.9E-09	4.2E-09	4.3E-08	2.1E-07	3.0E-07
900	UCART1	593167.59	4123839.92	593167.59, 4123839.92	4.87E-04	3.78E-04	2.66E-04	1.13E-03	3.2E-07	2.5E-07	1.8E-07	7.1E-07	3.0E-08	8.8E-09	4.2E-09	4.3E-08	2.1E-07	3.0E-07
901	UCART1	593207.59	4123839.92	593207.59, 4123839.92	4.86E-04	3.70E-04	2.61E-04	1.12E-03	3.2E-07	2.5E-07	1.7E-07	6.9E-07	3.0E-08	8.7E-09	4.1E-09	4.3E-08	2.1E-07	2.9E-07
902	UCART1	593247.59	4123839.92	593247.59, 4123839.92	4.82E-04	3.48E-04	2.55E-04	1.08E-03	3.2E-07	2.3E-07	1.7E-07	6.7E-07	3.0E-08	8.1E-09	4.0E-09	4.2E-08	2.0E-07	2.8E-07
903	UCART1	593287.59	4123839.92	593287.59, 4123839.92	4.73E-04	3.19E-04	2.47E-04	1.04E-03	3.1E-07	2.1E-07	1.6E-07	6.3E-07	3.0E-08	7.5E-09	3.9E-09	4.1E-08	1.9E-07	2.7E-07
904	UCART1	593327.59	4123839.92	593327.59, 4123839.92	4.61E-04	2.94E-04	2.38E-04	9.93E-04	3.0E-07	1.9E-07	1.6E-07	5.9E-07	2.9E-08	6.9E-09	3.7E-09	3.9E-08	1.8E-07	2.5E-07
905	UCART1	593367.59	4123839.92	593367.59, 4123839.92	4.44E-04	2.67E-04	2.27E-04	9.37E-04	2.9E-07	1.8E-07	1.5E-07	5.3E-07	2.8E-08	6.2E-09	3.5E-09	3.7E-08	1.6E-07	2.3E-07
906	UCART1	593407.59	4123839.92	593407.59, 4123839.92	4.24E-04	2.34E-04	2.13E-04	8.71E-04	2.8E-07	1.6E-07	1.4E-07	4.7E-07	2.6E-08	5.5E-09	3.3E-09	3.5E-08	1.4E-07	2.1E-07
907	UCART1	593447.59	4123839.92	593447.59, 4123839.92	4.01E-04	2.10E-04	1.98E-04	8.09E-04	2.7E-07	1.4E-07	1.3E-07	4.2E-07	2.5E-08	4.9E-09	3.1E-09	3.3E-08	1.2E-07	1.9E-07
908	UCART1	593487.59	4123839.92	593487.59, 4123839.92	3.75E-04	1.96E-04	1.83E-04	7.54E-04	2.5E-07	1.3E-07	1.2E-07	3.7E-07	2.3E-08	4.6E-09	2.8E-09	3.1E-08	1.1E-07	1.7E-07
909	UCART1	593527.59	4123839.92	593527.59, 4123839.92	3.49E-04	1.85E-04	1.68E-04	7.01E-04	2.3E-07	1.2E-07	1.1E-07	3.3E-07	2.2E-08	4.3E-09	2.6E-09	2.9E-08	9.8E-08	1.6E-07
910	UCART1	593567.59	4123839.92	593567.59, 4123839.92	3.21E-04	1.70E-04	1.54E-04	6.46E-04	2.1E-07	1.1E-07	1.0E-07	3.0E-07	2.0E-08	4.0E-09	2.4E-09	2.6E-08	8.9E-08	1.4E-07
911	UCART1	593607.59	4123839.92	593607.59, 4123839.92	2.94E-04	1.55E-04	1.42E-04	5.91E-04	1.9E-07	1.0E-07	9.4E-08	2.7E-07	1.8E-08	3.6E-09	2.2E-09	2.4E-08	8.1E-08	1.3E-07

912	UCART1	593647.59	4123839.92	593647.59, 4123839.92	2.68E-04	1.39E-04	1.32E-04	5.40E-04	1.8E-07	9.2E-08	8.8E-08	2.5E-07	1.7E-08	3.3E-09	2.1E-09	2.2E-08	7.4E-08	1.2E-07
913	UCART1	593687.59	4123839.92	593687.59, 4123839.92	2.43E-04	1.26E-04	1.24E-04	4.93E-04	1.6E-07	8.3E-08	8.2E-08	2.3E-07	1.5E-08	2.9E-09	1.9E-09	2.0E-08	6.7E-08	1.1E-07
914	UCART1	593727.59	4123839.92	593727.59, 4123839.92	2.21E-04	1.15E-04	1.16E-04	4.53E-04	1.5E-07	7.6E-08	7.7E-08	2.1E-07	1.4E-08	2.7E-09	1.8E-09	1.8E-08	6.2E-08	9.8E-08
915	UCART1	593767.59	4123839.92	593767.59, 4123839.92	2.02E-04	1.07E-04	1.08E-04	4.16E-04	1.3E-07	7.1E-08	7.1E-08	1.9E-07	1.3E-08	2.5E-09	1.7E-09	1.7E-08	5.7E-08	9.0E-08
916	UCART1	593807.59	4123839.92	593807.59, 4123839.92	1.85E-04	9.97E-05	1.01E-04	3.85E-04	1.2E-07	6.6E-08	6.7E-08	1.8E-07	1.2E-08	2.3E-09	1.6E-09	1.5E-08	5.2E-08	8.3E-08
917	UCART1	593847.59	4123839.92	593847.59, 4123839.92	1.70E-04	9.36E-05	9.36E-05	3.57E-04	1.1E-07	6.2E-08	6.2E-08	1.6E-07	1.1E-08	2.2E-09	1.5E-09	1.4E-08	4.9E-08	7.7E-08
918	UCART1	593887.59	4123839.92	593887.59, 4123839.92	1.56E-04	8.82E-05	8.71E-05	3.32E-04	1.0E-07	5.8E-08	5.8E-08	1.5E-07	9.8E-09	2.1E-09	1.4E-09	1.3E-08	4.5E-08	7.1E-08
919	UCART1	593927.59	4123839.92	593927.59, 4123839.92	1.44E-04	8.33E-05	8.14E-05	3.09E-04	9.5E-08	5.5E-08	5.4E-08	1.4E-07	9.0E-09	1.9E-09	1.3E-09	1.2E-08	4.2E-08	6.6E-08
920	UCART1	593967.59	4123839.92	593967.59, 4123839.92	1.33E-04	7.88E-05	7.63E-05	2.88E-04	8.8E-08	5.2E-08	5.0E-08	1.3E-07	8.3E-09	1.8E-09	1.2E-09	1.1E-08	3.9E-08	6.2E-08
921	UCART1	594007.59	4123839.92	594007.59, 4123839.92	1.23E-04	7.46E-05	7.19E-05	2.70E-04	8.1E-08	4.9E-08	4.8E-08	1.2E-07	7.7E-09	1.7E-09	1.1E-09	1.1E-08	3.6E-08	5.7E-08
922	UCART1	593087.59	4123879.92	593087.59, 4123879.92	4.10E-04	3.18E-04	2.39E-04	9.68E-04	2.7E-07	2.1E-07	1.6E-07	6.0E-07	2.6E-08	7.4E-09	3.7E-09	3.7E-08	1.8E-07	2.5E-07
923	UCART1	593127.59	4123879.92	593127.59, 4123879.92	4.13E-04	3.17E-04	2.34E-04	9.64E-04	2.7E-07	2.1E-07	1.5E-07	5.9E-07	2.6E-08	7.4E-09	3.6E-09	3.7E-08	1.8E-07	2.5E-07
924	UCART1	593167.59	4123879.92	593167.59, 4123879.92	4.12E-04	3.17E-04	2.29E-04	9.58E-04	2.7E-07	2.1E-07	1.5E-07	5.8E-07	2.6E-08	7.4E-09	3.6E-09	3.7E-08	1.7E-07	2.5E-07
925	UCART1	593207.59	4123879.92	593207.59, 4123879.92	4.08E-04	3.08E-04	2.24E-04	9.40E-04	2.7E-07	2.0E-07	1.5E-07	5.7E-07	2.5E-08	7.2E-09	3.5E-09	3.6E-08	1.7E-07	2.4E-07
926	UCART1	593247.59	4123879.92	593247.59, 4123879.92	4.02E-04	2.87E-04	2.19E-04	9.08E-04	2.7E-07	1.9E-07	1.4E-07	5.5E-07	2.5E-08	6.7E-09	3.4E-09	3.5E-08	1.6E-07	2.3E-07
927	UCART1	593287.59	4123879.92	593287.59, 4123879.92	3.93E-04	2.64E-04	2.13E-04	8.70E-04	2.6E-07	1.7E-07	1.4E-07	5.2E-07	2.5E-08	6.2E-09	3.3E-09	3.4E-08	1.6E-07	2.2E-07
928	UCART1	593327.59	4123879.92	593327.59, 4123879.92	3.82E-04	2.46E-04	2.05E-04	8.32E-04	2.5E-07	1.6E-07	1.4E-07	4.8E-07	2.4E-08	5.7E-09	3.2E-09	3.3E-08	1.4E-07	2.1E-07
929	UCART1	593367.59	4123879.92	593367.59, 4123879.92	3.68E-04	2.26E-04	1.95E-04	7.89E-04	2.4E-07	1.5E-07	1.3E-07	4.4E-07	2.3E-08	5.3E-09	3.0E-09	3.1E-08	1.3E-07	1.9E-07
930	UCART1	593407.59	4123879.92	593407.59, 4123879.92	3.52E-04	2.00E-04	1.84E-04	7.36E-04	2.3E-07	1.3E-07	1.2E-07	4.0E-07	2.2E-08	4.7E-09	2.9E-09	3.0E-08	1.2E-07	1.8E-07
931	UCART1	593447.59	4123879.92	593447.59, 4123879.92	3.34E-04	1.79E-04	1.71E-04	6.84E-04	2.2E-07	1.2E-07	1.1E-07	3.5E-07	2.1E-08	4.2E-09	2.7E-09	2.8E-08	1.1E-07	1.6E-07
932	UCART1	593487.59	4123879.92	593487.59, 4123879.92	3.13E-04	1.67E-04	1.59E-04	6.40E-04	2.1E-07	1.1E-07	1.1E-07	3.1E-07	2.0E-08	3.9E-09	2.5E-09	2.6E-08	9.4E-08	1.5E-07
933	UCART1	593527.59	4123879.92	593527.59, 4123879.92	2.92E-04	1.59E-04	1.47E-04	5.98E-04	1.9E-07	1.1E-07	9.7E-08	2.8E-07	1.8E-08	3.7E-09	2.3E-09	2.4E-08	8.5E-08	1.3E-07
934	UCART1	593567.59	4123879.92	593567.59, 4123879.92	2.71E-04	1.50E-04	1.35E-04	5.57E-04	1.8E-07	9.9E-08	9.0E-08	2.6E-07	1.7E-08	3.5E-09	2.1E-09	2.3E-08	7.7E-08	1.2E-07
935	UCART1	593607.59	4123879.92	593607.59, 4123879.92	2.50E-04	1.39E-04	1.26E-04	5.14E-04	1.7E-07	9.2E-08	8.3E-08	2.4E-07	1.6E-08	3.2E-09	2.0E-09	2.1E-08	7.1E-08	1.1E-07
936	UCART1	593647.59	4123879.92	593647.59, 4123879.92	2.29E-04	1.26E-04	1.18E-04	4.73E-04	1.5E-07	8.4E-08	7.8E-08	2.2E-07	1.4E-08	3.0E-09	1.8E-09	1.9E-08	6.5E-08	1.0E-07
937	UCART1	593687.59	4123879.92	593687.59, 4123879.92	2.10E-04	1.15E-04	1.10E-04	4.35E-04	1.4E-07	7.6E-08	7.3E-08	2.0E-07	1.3E-08	2.7E-09	1.7E-09	1.8E-08	6.0E-08	9.5E-08
938	UCART1	593727.59	4123879.92	593727.59, 4123879.92	1.92E-04	1.05E-04	1.04E-04	4.02E-04	1.3E-07	7.0E-08	6.9E-08	1.8E-07	1.2E-08	2.5E-09	1.6E-09	1.6E-08	5.5E-08	8.7E-08
939	UCART1	593767.59	4123879.92	593767.59, 4123879.92	1.77E-04	9.72E-05	9.78E-05	3.72E-04	1.2E-07	6.4E-08	6.5E-08	1.7E-07	1.1E-08	2.3E-09	1.5E-09	1.5E-08	5.1E-08	8.1E-08
940	UCART1	593807.59	4123879.92	593807.59, 4123879.92	1.63E-04	9.08E-05	9.18E-05	3.46E-04	1.1E-07	6.0E-08	6.1E-08	1.6E-07	1.0E-08	2.1E-09	1.4E-09	1.4E-08	4.8E-08	7.5E-08
941	UCART1	593847.59	4123879.92	593847.59, 4123879.92	1.51E-04	8.54E-05	8.59E-05	3.23E-04	1.0E-07	5.7E-08	5.7E-08	1.5E-07	9.4E-09	2.0E-09	1.3E-09	1.3E-08	4.4E-08	7.0E-08
942	UCART1	593887.59	4123879.92	593887.59, 4123879.92	1.40E-04	8.07E-05	8.03E-05	3.01E-04	9.3E-08	5.3E-08	5.3E-08	1.4E-07	8.7E-09	1.9E-09	1.3E-09	1.2E-08	4.1E-08	6.5E-08
943	UCART1	593927.59	4123879.92	593927.59, 4123879.92	1.30E-04	7.66E-05	7.53E-05	2.82E-04	8.6E-08	5.1E-08	5.0E-08	1.3E-07	8.1E-09	1.8E-09	1.2E-09	1.1E-08	3.9E-08	6.1E-08
944	UCART1	593967.59	4123879.92	593967.59, 4123879.92	1.21E-04	7.28E-05	7.07E-05	2.64E-04	8.0E-08	4.8E-08	4.7E-08	1.2E-07	7.5E-09	1.7E-09	1.1E-09	1.0E-08	3.6E-08	5.7E-08
945	UCART1	594007.59	4123879.92	594007.59, 4123879.92	1.13E-04	6.93E-05	6.68E-05	2.49E-04	7.4E-08	4.6E-08	4.4E-08	1.1E-07	7.0E-09	1.6E-09	1.0E-09	9.7E-09	3.4E-08	5.3E-08

Risk Summary

Residential Exposure

Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk		Risk Per Million	Threhold	
Residences East	593727.59	4123319.92	593727.59, 4123319.92	511	0.053784109	1.68938E-05		16.89380894	1.00E-05	Exceed
Residences West	593527.59	4123239.92	593527.59, 4123239.92	432	0.100772788	9.75681E-06		9.75681101	1.00E-05	LTS
Residences North	593767.59	4123639.92	593767.59, 4123639.92	795	0.004150989	9.40927E-07		0.940926804	1.00E-05	LTS
OnSite	593447.59	4123319.92	593447.59, 4123319.92	504	0.236834457	2.09582E-05		15.08992836	1.00E-05	Exceed
School	593567.59	4122919.92	593567.59, 4122919.92	137	0.003948349	5.14286E-07		0.514285777	1.00E-05	LTS

Construction (Mitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk		Risk Per Million	Threhold	
Residences East	593727.59	4123319.92	593727.59, 4123319.92	511	0.011321138	3.48871E-06		3.488707129	1.00E-05	LTS
Residences West	593527.59	4123239.92	593527.59, 4123239.92	432	0.024115699	2.26243E-06		2.262430269	1.00E-05	LTS
Residences North	593767.59	4123639.92	593767.59, 4123639.92	795	0.000857053	1.92442E-07		0.192441777	1.00E-05	LTS
OnSite	593447.59	4123319.92	593447.59, 4123319.92	504	0.056651133	4.69262E-06		3.519465754	1.00E-05	LTS
School	593567.59	4122919.92	593567.59, 4122919.92	137	0.000848772	1.13917E-07		0.113917226	1.00E-05	LTS

Operations (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Operational Risk	CUP Risk	Risk Per Million	Threhold	
Residences East	593727.59	4123319.92	593727.59, 4123319.92	511	0.004050629	2.44796E-06	1.41336E-09	2.449375026	1.00E-05	LTS
Residences West	593527.59	4123239.92	593527.59, 4123239.92	432	0.00521811	3.15352E-06	3.94863E-11	3.15355762	1.00E-05	LTS
Residences North	593767.59	4123639.92	593767.59, 4123639.92	795	0.000545329	3.29564E-07	8.01154E-11	0.329644611	1.00E-05	LTS
OnSite	593447.59	4123319.92	593447.59, 4123319.92	504	0.009346202	5.64829E-06	6.95501E-11	4.06682162	1.00E-05	LTS
School	593567.59	4122919.92	593567.59, 4122919.92	137	0.000500958	3.0275E-07	1.05347E-11	0.30276016	1.00E-05	LTS

Worker Exposure

Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk		Risk Per Million	Threhold	
Worker South	593647.59	4123199.92	593647.59, 4123199.92	398	0.049464095	1.88006E-06		1.880056462	1.00E-05	LTS
Worker West	593287.59	4123439.92	593287.59, 4123439.92	611	0.190029657	5.02537E-06		5.025369122	1.00E-05	LTS
Onsite Worker	593407.59	4123359.92	593407.59, 4123359.92	540	0.211249365	6.82637E-06		4.914989282	1.00E-05	LTS

Construction (Mitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk		Risk Per Million	Threhold	
Worker South	593647.59	4123199.92	593647.59, 4123199.92	398	0.0112	3.66E-07		0.3658	1.00E-05	LTS
Worker West	593287.59	4123439.92	593287.59, 4123439.92	611	0.0334	8.68E-07		0.8679	1.00E-05	LTS
Onsite Worker	593407.59	4123359.92	593407.59, 4123359.92	540	0.0444	1.24E-06		0.8939	1.00E-05	LTS

Operations (Mitigated)

Location	X	Y	X, Y	Rec #	Concentration	Operational Risk	CUP Risk	Risk Per Million	Threhold	
Worker South	593647.59	4123199.92	593647.59, 4123199.92	398	2.17337E-06	8.53822E-07	8.37312E-12	0.853830521	1.00E-05	LTS
Worker West	593287.59	4123439.92	593287.59, 4123439.92	611	1.02534E-05	4.02811E-06	8.54869E-12	4.028117675	1.00E-05	LTS
Onsite Worker	593407.59	4123359.92	593407.59, 4123359.92	540	8.79824E-06	3.45645E-06	8.90573E-12	2.488651944	1.00E-05	LTS

Table XX: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1, 2]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Unmitigated Residential	16.89	10	**Yes**
Mitigated Residential	3.49	10	**No**
Unmitigated On Site (Patient)	15.09	10	**Yes**
Mitigated On Site (Patient)	3.52	10	**No**
Unmitigated On Site (Worker)	4.91	10	**No**
Mitigated On Site (Worker)	0.89	10	**No**
Unmitigated Worker	5.03	10	**No**
Mitigated Worker	0.87	10	**No**
Operations			
Unmitigated Residential	3.15	10	**No**
Unmitigated On Site (Patient)	4.07	10	**No**
Unmitigated On Site (Worker)	2.49	11	**No**
Unmitigated Worker	4.03	10	**No**
Combined Construction + Operations			
Unmitigated Residential	20.05	10	**Yes**
Unmitigated On Site (Patient)	19.16	10	**Yes**
Unmitigated On Site (Worker)	7.40	10	**No**
Unmitigated Worker	9.05	10	**No**
Mitigated Residential	6.64	10	**No**
Mitigated On Site (Patient)	7.59	10	**No**
Mitigated On Site (Worker)	3.38	10	**No**
Mitigated Worker	4.90	10	**No**

Table XX: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration ($\mu g/m^3$)[1, 2]	Chronic Hazard [1]	CUP Chronic Hazard	Total
Construction				
Residential	0.1008	0.0202		
On Site Patient	0.2368	0.0474		
On Site Worker	0.2112	0.0422		
Worker	0.1900	0.0380		
Residential	0.0241	0.0048		
On Site Patient	0.0093	0.0019		
On Site Worker	0.0444	0.0089		
Worker	0.0334	0.0067		
Operations				
Residential (Unmitigated)	0.0041	0.0008	9.18635E-05	0.0009
On Site Patient (Unmitigated)	0.0093	0.0019	4.52051E-06	0.0019
On Site Worker (Unmitigated)	0.0000	0.0000	5.65239E-06	0.0000
Worker (Unmitigated)	0.0334	0.0067	8.54869E-12	0.0067

Risk Parameters

Number of Construction Months

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Phase I Construction/Operations Only (Start 3rd Tri)

Age	BR/BW	ASF	FAH	Construction ED	Operations ED
3rd Tri	361	10	0.85	0.25	0.25
0<2	1090	10	0.85	2.000	2.000
2<9	631	3	0.72	3.75	7
9<16	572	3	0.72	0	7
16<30	261	1	0.73	0	13.75
*Breathing rates are 95th percentile for 3rd to 2 and 80th pe				6	30

Combined (Construction and Operations Sequential)

Age	BR/BW	ASF	FAH	ED
3rd Tri	361	10	1	0.25
Const 0<2	1090	10	1	2.000
Ops 0<2	1090	10	1	3.750
2<9	631	3	1	3.250
9<16	572	3	1	7
16<30	261	1	0.73	13.25
			SUM	**30**
Worker Const	230	1	1	6.000
Worker Ops	230	1	1	19.000

Phase II Construction/Operations Only (Start 3rd Tri)

Age	BR/BW	ASF	FAH	Construction ED	Operations ED
3rd Tri	361	10	0.85	0	0.25
0<2	1090	10	0.85	0.000	2.000
2<9	631	3	0.72	2	7
9<16	572	3	0.72	0	7
16<30	261	1	0.73	0	13.75
*Breathing rates are 95th percentile for 3rd to 2 and 80th pe				2	30

Combined (Construction and Operations Sequential)

Age	BR/BW	ASF	FAH	ED
3rd Tri	361	10	1	0.25
Const 0<2	1090	10	1	0.000
Ops 0<2	1090	10	1	2.000
2<9	631	3	1	5.000
9<16	572	3	1	7
16<30	261	1	0.73	15.75
			SUM	**30.00**
Worker Const	230	1	1	2.250
Worker Ops	230	1	1	22.750

Age	BR/BW	ASF	FAH	Construction ED	Operations ED
3rd Tri	361	10	0.85	0	0.25
0<2	1090	10	0.85	0.000	2.000
2<9	631	3	0.72	1.25	7
9<16	572	3	0.72	1.17	7
16<30	261	1	0.73	0	13.75
*Breathing rates are 95th percentile for 3rd to 2 and 80th pe				2.42	30

Combined (Construction and Operations Sequential)

Age	BR/BW	ASF	FAH	ED
3rd Tri	361	10	1	0.25
Const 0<2	1090	10	1	0.000
Ops 0<2	1090	10	1	1.250
2<9	631	3	1	5.750
9<16	572	3	1	7
16<30	261	1	0.73	15.75
			SUM	**30.00**
Worker Const	230	1	1	1.500
Worker Ops	230	1	1	23.500

*Breathing rates are 95th percentile for 3rd to 2 and 80th percentile for 2 and greater.

*Worker breathing rates are 95th percentile 8hr Moderate

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 10/4/2023
** File: C:\Lakes\AERMOD View\Good Sam Phase I Cons\Good Sam Phase I Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Good Sam Phase I Cons\Good Sam Phase I Cons.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "Good Sam Phase I Cons.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Off Site Los Gatos
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 592795.302, 4123314.624, 90.94, 3.40, 7.44
** 592961.400, 4123582.440, 82.54, 3.40, 7.44
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   LOCATION L0006614     VOLUME   592799.519 4123321.422 91.05
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   LOCATION L0006615     VOLUME   592807.952 4123335.020 90.94
   LOCATION L0006616     VOLUME   592816.385 4123348.617 90.75
   LOCATION L0006617     VOLUME   592824.818 4123362.214 90.63
   LOCATION L0006618     VOLUME   592833.251 4123375.811 90.65
   LOCATION L0006619     VOLUME   592841.683 4123389.409 90.44
   LOCATION L0006620     VOLUME   592850.116 4123403.006 90.33
   LOCATION L0006621     VOLUME   592858.549 4123416.603 90.33
   LOCATION L0006622     VOLUME   592866.982 4123430.200 90.15
   LOCATION L0006623     VOLUME   592875.415 4123443.798 90.08
   LOCATION L0006624     VOLUME   592883.848 4123457.395 89.96
   LOCATION L0006625     VOLUME   592892.281 4123470.992 89.77
   LOCATION L0006626     VOLUME   592900.714 4123484.590 89.61
   LOCATION L0006627     VOLUME   592909.147 4123498.187 89.48
   LOCATION L0006628     VOLUME   592917.580 4123511.784 89.31
   LOCATION L0006629     VOLUME   592926.013 4123525.381 89.04
   LOCATION L0006630     VOLUME   592934.446 4123538.979 88.34
   LOCATION L0006631     VOLUME   592942.879 4123552.576 85.67
   LOCATION L0006632     VOLUME   592951.311 4123566.173 82.76
   LOCATION L0006633     VOLUME   592959.744 4123579.770 80.76
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Off Site Samaritan
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 11
** 592913.760, 4123461.408, 89.82, 3.40, 7.44
** 592960.112, 4123449.819, 89.33, 3.40, 7.44
** 593007.753, 4123467.845, 89.18, 3.40, 7.44
** 593061.831, 4123456.257, 88.71, 3.40, 7.44
** 593086.295, 4123399.604, 88.74, 3.40, 7.44
** 593124.923, 4123283.722, 88.84, 3.40, 7.44
** 593157.112, 4123248.957, 88.95, 3.40, 7.44
** 593611.627, 4123252.820, 85.21, 3.40, 7.44
** 593656.693, 4123310.761, 84.34, 3.40, 7.44
** 593699.183, 4123358.401, 83.61, 3.40, 7.44
** 593701.758, 4123398.316, 83.92, 3.40, 7.44
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   LOCATION L0006550     VOLUME   592921.521 4123459.467 89.68
   LOCATION L0006551     VOLUME   592937.043 4123455.587 89.52
   LOCATION L0006552     VOLUME   592952.565 4123451.706 89.40
   LOCATION L0006553     VOLUME   592967.801 4123452.729 89.32
   LOCATION L0006554     VOLUME   592982.766 4123458.391 89.29
   LOCATION L0006555     VOLUME   592997.730 4123464.053 89.20
   LOCATION L0006556     VOLUME   593012.919 4123466.738 89.10
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LOCATION L0006557 VOLUME 593028.564 4123463.386 88.99
LOCATION L0006558 VOLUME 593044.209 4123460.033 88.83
LOCATION L0006559 VOLUME 593059.854 4123456.681 88.70
LOCATION L0006560 VOLUME 593067.373 4123443.425 88.67
LOCATION L0006561 VOLUME 593073.716 4123428.736 88.66
LOCATION L0006562 VOLUME 593080.058 4123414.047 88.56
LOCATION L0006563 VOLUME 593086.380 4123399.349 88.67
LOCATION L0006564 VOLUME 593091.440 4123384.171 88.65
LOCATION L0006565 VOLUME 593096.499 4123368.992 88.67
LOCATION L0006566 VOLUME 593101.559 4123353.813 88.68
LOCATION L0006567 VOLUME 593106.619 4123338.634 88.69
LOCATION L0006568 VOLUME 593111.678 4123323.455 88.72
LOCATION L0006569 VOLUME 593116.738 4123308.276 88.81
LOCATION L0006570 VOLUME 593121.797 4123293.097 88.89
LOCATION L0006571 VOLUME 593129.079 4123279.233 88.90
LOCATION L0006572 VOLUME 593139.949 4123267.493 88.89
LOCATION L0006573 VOLUME 593150.820 4123255.752 88.95
LOCATION L0006574 VOLUME 593163.851 4123249.014 88.95
LOCATION L0006575 VOLUME 593179.850 4123249.150 88.85
LOCATION L0006576 VOLUME 593195.850 4123249.286 88.76
LOCATION L0006577 VOLUME 593211.849 4123249.422 88.66
LOCATION L0006578 VOLUME 593227.848 4123249.558 88.55
LOCATION L0006579 VOLUME 593243.848 4123249.694 88.47
LOCATION L0006580 VOLUME 593259.847 4123249.830 88.34
LOCATION L0006581 VOLUME 593275.847 4123249.966 88.16
LOCATION L0006582 VOLUME 593291.846 4123250.102 87.98
LOCATION L0006583 VOLUME 593307.846 4123250.238 87.81
LOCATION L0006584 VOLUME 593323.845 4123250.374 87.67
LOCATION L0006585 VOLUME 593339.844 4123250.510 87.52
LOCATION L0006586 VOLUME 593355.844 4123250.646 87.36
LOCATION L0006587 VOLUME 593371.843 4123250.782 87.19
LOCATION L0006588 VOLUME 593387.843 4123250.918 86.90
LOCATION L0006589 VOLUME 593403.842 4123251.054 86.53
LOCATION L0006590 VOLUME 593419.841 4123251.190 85.99
LOCATION L0006591 VOLUME 593435.841 4123251.326 85.97
LOCATION L0006592 VOLUME 593451.840 4123251.462 86.29
LOCATION L0006593 VOLUME 593467.840 4123251.598 86.51
LOCATION L0006594 VOLUME 593483.839 4123251.734 86.54
LOCATION L0006595 VOLUME 593499.839 4123251.870 86.41
LOCATION L0006596 VOLUME 593515.838 4123252.006 86.15
LOCATION L0006597 VOLUME 593531.837 4123252.142 85.93
LOCATION L0006598 VOLUME 593547.837 4123252.278 85.76
LOCATION L0006599 VOLUME 593563.836 4123252.414 85.64
LOCATION L0006600 VOLUME 593579.836 4123252.550 85.52
LOCATION L0006601 VOLUME 593595.835 4123252.686 85.38
LOCATION L0006602 VOLUME 593611.755 4123252.983 85.17
LOCATION L0006603 VOLUME 593621.578 4123265.613 84.93
LOCATION L0006604 VOLUME 593631.401 4123278.243 84.76
LOCATION L0006605 VOLUME 593641.224 4123290.872 84.56
LOCATION L0006606 VOLUME 593651.047 4123303.502 84.34

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   LOCATION L0006607     VOLUME   593661.221 4123315.839 84.12
   LOCATION L0006608     VOLUME   593671.871 4123327.779 83.88
   LOCATION L0006609     VOLUME   593682.521 4123339.720 83.82
   LOCATION L0006610     VOLUME   593693.171 4123351.661 83.67
   LOCATION L0006611     VOLUME   593699.631 4123365.355 83.68
   LOCATION L0006612     VOLUME   593700.661 4123381.322 83.91
   LOCATION L0006613     VOLUME   593701.691 4123397.289 83.87
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC P1 On Site
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 26
** 593541.429, 4123272.960, 86.07, 3.40, 8.37
** 593615.955, 4123275.487, 85.41, 3.40, 8.37
** 593640.586, 4123300.749, 84.47, 3.40, 8.37
** 593545.219, 4123296.328, 85.72, 3.40, 8.37
** 593541.429, 4123331.696, 85.58, 3.40, 8.37
** 593667.112, 4123332.328, 83.90, 3.40, 8.37
** 593682.901, 4123360.117, 83.88, 3.40, 8.37
** 593541.429, 4123358.222, 85.22, 3.40, 8.37
** 593540.798, 4123389.169, 85.27, 3.40, 8.37
** 593699.322, 4123386.012, 84.09, 3.40, 8.37
** 593696.796, 4123413.801, 83.37, 3.40, 8.37
** 593538.271, 4123415.695, 85.56, 3.40, 8.37
** 593538.271, 4123444.116, 84.71, 3.40, 8.37
** 593696.796, 4123418.222, 83.36, 3.40, 8.37
** 593697.427, 4123430.222, 83.03, 3.40, 8.37
** 593361.431, 4123492.747, 84.02, 3.40, 8.37
** 593362.695, 4123465.590, 86.43, 3.40, 8.37
** 593524.377, 4123446.011, 84.96, 3.40, 8.37
** 593525.008, 4123422.643, 85.74, 3.40, 8.37
** 593365.852, 4123452.958, 87.03, 3.40, 8.37
** 593364.589, 4123422.011, 86.92, 3.40, 8.37
** 593528.166, 4123404.327, 85.49, 3.40, 8.37
** 593528.166, 4123380.959, 85.35, 3.40, 8.37
** 593367.116, 4123398.011, 86.53, 3.40, 8.37
** 593366.484, 4123366.433, 85.93, 3.40, 8.37
** 593528.798, 4123365.170, 85.26, 3.40, 8.37
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   LOCATION L0005351     VOLUME   593550.424 4123273.265 85.76
   LOCATION L0005352     VOLUME   593568.414 4123273.875 85.69
   LOCATION L0005353     VOLUME   593586.403 4123274.485 85.54
   LOCATION L0005354     VOLUME   593604.393 4123275.095 85.31
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LOCATION L0005355 VOLUME 593620.445 4123280.092 84.99
LOCATION L0005356 VOLUME 593633.011 4123292.980 84.76
LOCATION L0005357 VOLUME 593633.445 4123300.418 84.75
LOCATION L0005358 VOLUME 593615.465 4123299.585 85.15
LOCATION L0005359 VOLUME 593597.484 4123298.751 85.48
LOCATION L0005360 VOLUME 593579.503 4123297.918 85.59
LOCATION L0005361 VOLUME 593561.523 4123297.084 85.67
LOCATION L0005362 VOLUME 593545.040 4123297.998 85.77
LOCATION L0005363 VOLUME 593543.122 4123315.895 85.66
LOCATION L0005364 VOLUME 593543.538 4123331.707 85.51
LOCATION L0005365 VOLUME 593561.537 4123331.797 85.42
LOCATION L0005366 VOLUME 593579.537 4123331.888 85.35
LOCATION L0005367 VOLUME 593597.537 4123331.978 85.21
LOCATION L0005368 VOLUME 593615.537 4123332.069 84.92
LOCATION L0005369 VOLUME 593633.536 4123332.159 84.59
LOCATION L0005370 VOLUME 593651.536 4123332.250 84.26
LOCATION L0005371 VOLUME 593668.310 4123334.435 83.97
LOCATION L0005372 VOLUME 593677.202 4123350.086 83.92
LOCATION L0005373 VOLUME 593676.439 4123360.031 83.97
LOCATION L0005374 VOLUME 593658.441 4123359.790 84.20
LOCATION L0005375 VOLUME 593640.443 4123359.548 84.41
LOCATION L0005376 VOLUME 593622.444 4123359.307 84.68
LOCATION L0005377 VOLUME 593604.446 4123359.066 84.91
LOCATION L0005378 VOLUME 593586.448 4123358.825 85.11
LOCATION L0005379 VOLUME 593568.449 4123358.584 85.23
LOCATION L0005380 VOLUME 593550.451 4123358.343 85.21
LOCATION L0005381 VOLUME 593541.246 4123367.198 85.24
LOCATION L0005382 VOLUME 593540.879 4123385.195 85.27
LOCATION L0005383 VOLUME 593554.819 4123388.890 85.26
LOCATION L0005384 VOLUME 593572.816 4123388.532 85.28
LOCATION L0005385 VOLUME 593590.812 4123388.173 85.13
LOCATION L0005386 VOLUME 593608.809 4123387.815 84.90
LOCATION L0005387 VOLUME 593626.805 4123387.456 84.67
LOCATION L0005388 VOLUME 593644.801 4123387.098 84.50
LOCATION L0005389 VOLUME 593662.798 4123386.739 84.46
LOCATION L0005390 VOLUME 593680.794 4123386.381 84.29
LOCATION L0005391 VOLUME 593698.791 4123386.022 84.00
LOCATION L0005392 VOLUME 593697.741 4123403.408 83.79
LOCATION L0005393 VOLUME 593689.232 4123413.891 83.72
LOCATION L0005394 VOLUME 593671.233 4123414.106 84.06
LOCATION L0005395 VOLUME 593653.234 4123414.321 84.22
LOCATION L0005396 VOLUME 593635.236 4123414.536 84.48
LOCATION L0005397 VOLUME 593617.237 4123414.752 84.84
LOCATION L0005398 VOLUME 593599.238 4123414.967 85.27
LOCATION L0005399 VOLUME 593581.240 4123415.182 85.50
LOCATION L0005400 VOLUME 593563.241 4123415.397 85.59
LOCATION L0005401 VOLUME 593545.242 4123415.612 85.59
LOCATION L0005402 VOLUME 593538.271 4123426.724 85.45
LOCATION L0005403 VOLUME 593538.872 4123444.018 84.82
LOCATION L0005404 VOLUME 593556.636 4123441.116 84.64

LOCATION L0005405 VOLUME 593574.401 4123438.215 84.53
LOCATION L0005406 VOLUME 593592.165 4123435.313 84.31
LOCATION L0005407 VOLUME 593609.930 4123432.411 84.05
LOCATION L0005408 VOLUME 593627.694 4123429.509 83.83
LOCATION L0005409 VOLUME 593645.459 4123426.607 83.72
LOCATION L0005410 VOLUME 593663.224 4123423.706 83.80
LOCATION L0005411 VOLUME 593680.988 4123420.804 83.73
LOCATION L0005412 VOLUME 593696.900 4123420.202 83.40
LOCATION L0005413 VOLUME 593689.596 4123431.679 82.49
LOCATION L0005414 VOLUME 593671.899 4123434.972 82.48
LOCATION L0005415 VOLUME 593654.203 4123438.265 82.42
LOCATION L0005416 VOLUME 593636.507 4123441.558 82.48
LOCATION L0005417 VOLUME 593618.811 4123444.851 82.65
LOCATION L0005418 VOLUME 593601.115 4123448.144 82.99
LOCATION L0005419 VOLUME 593583.418 4123451.438 83.36
LOCATION L0005420 VOLUME 593565.722 4123454.731 83.61
LOCATION L0005421 VOLUME 593548.026 4123458.024 83.66
LOCATION L0005422 VOLUME 593530.330 4123461.317 83.65
LOCATION L0005423 VOLUME 593512.634 4123464.610 83.64
LOCATION L0005424 VOLUME 593494.937 4123467.903 83.64
LOCATION L0005425 VOLUME 593477.241 4123471.196 83.69
LOCATION L0005426 VOLUME 593459.545 4123474.489 83.75
LOCATION L0005427 VOLUME 593441.849 4123477.782 83.90
LOCATION L0005428 VOLUME 593424.153 4123481.075 84.19
LOCATION L0005429 VOLUME 593406.456 4123484.368 84.61
LOCATION L0005430 VOLUME 593388.760 4123487.662 84.82
LOCATION L0005431 VOLUME 593371.064 4123490.955 84.86
LOCATION L0005432 VOLUME 593361.812 4123484.554 85.77
LOCATION L0005433 VOLUME 593362.649 4123466.573 86.59
LOCATION L0005434 VOLUME 593379.586 4123463.544 86.52
LOCATION L0005435 VOLUME 593397.456 4123461.380 86.43
LOCATION L0005436 VOLUME 593415.325 4123459.216 86.22
LOCATION L0005437 VOLUME 593433.195 4123457.052 86.12
LOCATION L0005438 VOLUME 593451.064 4123454.889 86.12
LOCATION L0005439 VOLUME 593468.934 4123452.725 86.11
LOCATION L0005440 VOLUME 593486.803 4123450.561 85.92
LOCATION L0005441 VOLUME 593504.672 4123448.397 85.45
LOCATION L0005442 VOLUME 593522.542 4123446.233 85.05
LOCATION L0005443 VOLUME 593524.813 4123429.865 85.47
LOCATION L0005444 VOLUME 593514.424 4123424.659 85.76
LOCATION L0005445 VOLUME 593496.742 4123428.027 85.99
LOCATION L0005446 VOLUME 593479.060 4123431.395 86.31
LOCATION L0005447 VOLUME 593461.378 4123434.763 86.54
LOCATION L0005448 VOLUME 593443.695 4123438.131 86.69
LOCATION L0005449 VOLUME 593426.013 4123441.499 86.79
LOCATION L0005450 VOLUME 593408.331 4123444.867 86.99
LOCATION L0005451 VOLUME 593390.649 4123448.235 87.09
LOCATION L0005452 VOLUME 593372.967 4123451.603 86.97
LOCATION L0005453 VOLUME 593365.414 4123442.210 86.99
LOCATION L0005454 VOLUME 593364.680 4123424.225 86.93

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   LOCATION L0005455     VOLUME   593380.283 4123420.315 86.96
   LOCATION L0005456     VOLUME   593398.178 4123418.380 86.88
   LOCATION L0005457     VOLUME   593416.074 4123416.445 86.61
   LOCATION L0005458     VOLUME   593433.970 4123414.511 86.43
   LOCATION L0005459     VOLUME   593451.865 4123412.576 86.30
   LOCATION L0005460     VOLUME   593469.761 4123410.641 86.19
   LOCATION L0005461     VOLUME   593487.657 4123408.707 86.03
   LOCATION L0005462     VOLUME   593505.553 4123406.772 85.82
   LOCATION L0005463     VOLUME   593523.448 4123404.837 85.55
   LOCATION L0005464     VOLUME   593528.166 4123391.073 85.35
   LOCATION L0005465     VOLUME   593520.324 4123381.789 85.35
   LOCATION L0005466     VOLUME   593502.424 4123383.685 85.48
   LOCATION L0005467     VOLUME   593484.524 4123385.580 85.42
   LOCATION L0005468     VOLUME   593466.624 4123387.475 85.27
   LOCATION L0005469     VOLUME   593448.724 4123389.371 85.06
   LOCATION L0005470     VOLUME   593430.824 4123391.266 85.35
   LOCATION L0005471     VOLUME   593412.924 4123393.161 85.56
   LOCATION L0005472     VOLUME   593395.024 4123395.056 85.89
   LOCATION L0005473     VOLUME   593377.124 4123396.952 86.55
   LOCATION L0005474     VOLUME   593366.957 4123390.078 86.64
   LOCATION L0005475     VOLUME   593366.597 4123372.081 86.24
   LOCATION L0005476     VOLUME   593378.834 4123366.337 85.41
   LOCATION L0005477     VOLUME   593396.834 4123366.197 83.99
   LOCATION L0005478     VOLUME   593414.833 4123366.057 83.48
   LOCATION L0005479     VOLUME   593432.832 4123365.917 83.35
   LOCATION L0005480     VOLUME   593450.832 4123365.776 83.49
   LOCATION L0005481     VOLUME   593468.831 4123365.636 84.09
   LOCATION L0005482     VOLUME   593486.831 4123365.496 84.58
   LOCATION L0005483     VOLUME   593504.830 4123365.356 84.98
   LOCATION L0005484     VOLUME   593522.830 4123365.216 85.29
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC P2 OnSite
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 22
** 593295.116, 4123494.010, 85.70, 0.00, 8.37
** 593352.985, 4123490.309, 83.82, 0.00, 8.37
** 593355.710, 4123470.426, 86.45, 0.00, 8.37
** 593295.875, 4123472.490, 87.31, 0.00, 8.37
** 593295.144, 4123443.893, 87.27, 0.00, 8.37
** 593352.589, 4123448.537, 86.94, 0.00, 8.37
** 593351.958, 4123424.537, 86.84, 0.00, 8.37
** 593295.748, 4123425.801, 87.14, 0.00, 8.37
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** 593293.222, 4123399.906, 87.13, 0.00, 8.37
** 593355.116, 4123399.906, 86.56, 0.00, 8.37
** 593353.853, 4123375.906, 86.61, 0.00, 8.37
** 593293.222, 4123375.906, 87.23, 0.00, 8.37
** 593293.222, 4123356.328, 87.37, 0.00, 8.37
** 593353.221, 4123358.222, 86.81, 0.00, 8.37
** 593351.958, 4123332.960, 86.92, 0.00, 8.37
** 593295.116, 4123332.960, 87.50, 0.00, 8.37
** 593293.222, 4123311.486, 87.55, 0.00, 8.37
** 593357.642, 4123317.802, 85.98, 0.00, 8.37
** 593354.484, 4123295.065, 87.30, 0.00, 8.37
** 593292.590, 4123295.065, 87.80, 0.00, 8.37
** 593295.116, 4123281.171, 87.80, 0.00, 8.37
** 593357.642, 4123279.276, 87.09, 0.00, 8.37
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   LOCATION L0006501     VOLUME   593304.098 4123493.436 85.96
   LOCATION L0006502     VOLUME   593322.061 4123492.287 85.79
   LOCATION L0006503     VOLUME   593340.025 4123491.138 85.49
   LOCATION L0006504     VOLUME   593353.666 4123485.342 85.83
   LOCATION L0006505     VOLUME   593352.767 4123470.528 86.63
   LOCATION L0006506     VOLUME   593334.778 4123471.149 86.96
   LOCATION L0006507     VOLUME   593316.789 4123471.769 87.21
   LOCATION L0006508     VOLUME   593298.799 4123472.390 87.31
   LOCATION L0006509     VOLUME   593295.490 4123457.422 87.32
   LOCATION L0006510     VOLUME   593299.596 4123444.253 87.26
   LOCATION L0006511     VOLUME   593317.538 4123445.703 87.11
   LOCATION L0006512     VOLUME   593335.479 4123447.154 87.00
   LOCATION L0006513     VOLUME   593352.567 4123447.703 86.94
   LOCATION L0006514     VOLUME   593352.094 4123429.710 86.88
   LOCATION L0006515     VOLUME   593339.135 4123424.826 86.87
   LOCATION L0006516     VOLUME   593321.140 4123425.230 86.94
   LOCATION L0006517     VOLUME   593303.144 4123425.634 87.11
   LOCATION L0006518     VOLUME   593294.719 4123415.249 87.18
   LOCATION L0006519     VOLUME   593295.806 4123399.906 87.19
   LOCATION L0006520     VOLUME   593313.806 4123399.906 87.01
   LOCATION L0006521     VOLUME   593331.806 4123399.906 86.91
   LOCATION L0006522     VOLUME   593349.806 4123399.906 86.89
   LOCATION L0006523     VOLUME   593354.449 4123387.233 86.86
   LOCATION L0006524     VOLUME   593347.195 4123375.906 86.91
   LOCATION L0006525     VOLUME   593329.195 4123375.906 86.98
   LOCATION L0006526     VOLUME   593311.195 4123375.906 87.10
   LOCATION L0006527     VOLUME   593293.222 4123375.880 87.31
   LOCATION L0006528     VOLUME   593293.222 4123357.880 87.43
   LOCATION L0006529     VOLUME   593309.661 4123356.847 87.20
   LOCATION L0006530     VOLUME   593327.652 4123357.415 87.02
   LOCATION L0006531     VOLUME   593345.643 4123357.983 86.89
   LOCATION L0006532     VOLUME   593352.701 4123347.817 86.80
   LOCATION L0006533     VOLUME   593348.834 4123332.960 87.00
   LOCATION L0006534     VOLUME   593330.834 4123332.960 87.15
   LOCATION L0006535     VOLUME   593312.834 4123332.960 87.31
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   LOCATION L0006536     VOLUME   593295.092 4123332.678 87.54
   LOCATION L0006537     VOLUME   593293.509 4123314.747 87.68
   LOCATION L0006538     VOLUME   593307.877 4123312.923 87.51
   LOCATION L0006539     VOLUME   593325.792 4123314.679 87.35
   LOCATION L0006540     VOLUME   593343.706 4123316.436 87.18
   LOCATION L0006541     VOLUME   593357.092 4123313.843 86.88
   LOCATION L0006542     VOLUME   593354.616 4123296.014 87.22
   LOCATION L0006543     VOLUME   593337.442 4123295.065 87.45
   LOCATION L0006544     VOLUME   593319.442 4123295.065 87.59
   LOCATION L0006545     VOLUME   593301.442 4123295.065 87.71
   LOCATION L0006546     VOLUME   593294.227 4123286.065 87.86
   LOCATION L0006547     VOLUME   593308.136 4123280.776 87.72
   LOCATION L0006548     VOLUME   593326.128 4123280.231 87.60
   LOCATION L0006549     VOLUME   593344.120 4123279.686 87.43
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC P3 On Site
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 9
** 593369.642, 4123344.959, 85.74, 3.40, 8.37
** 593524.377, 4123345.591, 85.36, 3.40, 8.37
** 593527.535, 4123325.381, 85.88, 3.40, 8.37
** 593371.537, 4123325.381, 85.63, 3.40, 8.37
** 593372.168, 4123301.381, 86.54, 3.40, 8.37
** 593529.429, 4123304.539, 86.10, 3.40, 8.37
** 593527.535, 4123287.486, 86.12, 3.40, 8.37
** 593371.537, 4123289.381, 86.62, 3.40, 8.37
** 593373.431, 4123269.802, 87.02, 3.40, 8.37
** ----------------------------------------------------------------------
   LOCATION L0005675     VOLUME   593378.642 4123344.996 85.16
   LOCATION L0005676     VOLUME   593396.642 4123345.070 83.45
   LOCATION L0005677     VOLUME   593414.641 4123345.143 83.08
   LOCATION L0005678     VOLUME   593432.641 4123345.217 83.30
   LOCATION L0005679     VOLUME   593450.641 4123345.290 83.85
   LOCATION L0005680     VOLUME   593468.641 4123345.363 84.63
   LOCATION L0005681     VOLUME   593486.641 4123345.437 85.12
   LOCATION L0005682     VOLUME   593504.641 4123345.510 85.40
   LOCATION L0005683     VOLUME   593522.641 4123345.584 85.53
   LOCATION L0005684     VOLUME   593526.888 4123329.522 85.79
   LOCATION L0005685     VOLUME   593513.727 4123325.381 86.12
   LOCATION L0005686     VOLUME   593495.727 4123325.381 86.43
   LOCATION L0005687     VOLUME   593477.727 4123325.381 86.39
   LOCATION L0005688     VOLUME   593459.727 4123325.381 85.67
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   LOCATION L0005689     VOLUME   593441.727 4123325.381 84.76
   LOCATION L0005690     VOLUME   593423.727 4123325.381 83.84
   LOCATION L0005691     VOLUME   593405.727 4123325.381 83.37
   LOCATION L0005692     VOLUME   593387.727 4123325.381 84.49
   LOCATION L0005693     VOLUME   593371.584 4123323.571 85.94
   LOCATION L0005694     VOLUME   593372.058 4123305.578 86.44
   LOCATION L0005695     VOLUME   593385.967 4123301.658 85.53
   LOCATION L0005696     VOLUME   593403.964 4123302.019 84.13
   LOCATION L0005697     VOLUME   593421.960 4123302.381 83.83
   LOCATION L0005698     VOLUME   593439.956 4123302.742 84.60
   LOCATION L0005699     VOLUME   593457.953 4123303.104 85.66
   LOCATION L0005700     VOLUME   593475.949 4123303.465 86.69
   LOCATION L0005701     VOLUME   593493.946 4123303.826 86.71
   LOCATION L0005702     VOLUME   593511.942 4123304.188 86.40
   LOCATION L0005703     VOLUME   593529.373 4123304.033 85.99
   LOCATION L0005704     VOLUME   593526.183 4123287.503 86.10
   LOCATION L0005705     VOLUME   593508.185 4123287.721 86.53
   LOCATION L0005706     VOLUME   593490.186 4123287.940 86.75
   LOCATION L0005707     VOLUME   593472.187 4123288.159 86.61
   LOCATION L0005708     VOLUME   593454.189 4123288.377 85.59
   LOCATION L0005709     VOLUME   593436.190 4123288.596 84.59
   LOCATION L0005710     VOLUME   593418.191 4123288.814 84.25
   LOCATION L0005711     VOLUME   593400.193 4123289.033 84.89
   LOCATION L0005712     VOLUME   593382.194 4123289.252 86.25
   LOCATION L0005713     VOLUME   593372.244 4123282.073 86.88
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0006614          0.05      3.40      7.44      3.16
   SRCPARAM L0006615          0.05      3.40      7.44      3.16
   SRCPARAM L0006616          0.05      3.40      7.44      3.16
   SRCPARAM L0006617          0.05      3.40      7.44      3.16
   SRCPARAM L0006618          0.05      3.40      7.44      3.16
   SRCPARAM L0006619          0.05      3.40      7.44      3.16
   SRCPARAM L0006620          0.05      3.40      7.44      3.16
   SRCPARAM L0006621          0.05      3.40      7.44      3.16
   SRCPARAM L0006622          0.05      3.40      7.44      3.16
   SRCPARAM L0006623          0.05      3.40      7.44      3.16
   SRCPARAM L0006624          0.05      3.40      7.44      3.16
   SRCPARAM L0006625          0.05      3.40      7.44      3.16
   SRCPARAM L0006626          0.05      3.40      7.44      3.16
   SRCPARAM L0006627          0.05      3.40      7.44      3.16
   SRCPARAM L0006628          0.05      3.40      7.44      3.16
   SRCPARAM L0006629          0.05      3.40      7.44      3.16
   SRCPARAM L0006630          0.05      3.40      7.44      3.16
   SRCPARAM L0006631          0.05      3.40      7.44      3.16
   SRCPARAM L0006632          0.05      3.40      7.44      3.16
   SRCPARAM L0006633          0.05      3.40      7.44      3.16
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** LINE VOLUME Source ID = SLINE3
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SRCPARAM L0006550      0.015625      3.40      7.44      3.16
SRCPARAM L0006551      0.015625      3.40      7.44      3.16
SRCPARAM L0006552      0.015625      3.40      7.44      3.16
SRCPARAM L0006553      0.015625      3.40      7.44      3.16
SRCPARAM L0006554      0.015625      3.40      7.44      3.16
SRCPARAM L0006555      0.015625      3.40      7.44      3.16
SRCPARAM L0006556      0.015625      3.40      7.44      3.16
SRCPARAM L0006557      0.015625      3.40      7.44      3.16
SRCPARAM L0006558      0.015625      3.40      7.44      3.16
SRCPARAM L0006559      0.015625      3.40      7.44      3.16
SRCPARAM L0006560      0.015625      3.40      7.44      3.16
SRCPARAM L0006561      0.015625      3.40      7.44      3.16
SRCPARAM L0006562      0.015625      3.40      7.44      3.16
SRCPARAM L0006563      0.015625      3.40      7.44      3.16
SRCPARAM L0006564      0.015625      3.40      7.44      3.16
SRCPARAM L0006565      0.015625      3.40      7.44      3.16
SRCPARAM L0006566      0.015625      3.40      7.44      3.16
SRCPARAM L0006567      0.015625      3.40      7.44      3.16
SRCPARAM L0006568      0.015625      3.40      7.44      3.16
SRCPARAM L0006569      0.015625      3.40      7.44      3.16
SRCPARAM L0006570      0.015625      3.40      7.44      3.16
SRCPARAM L0006571      0.015625      3.40      7.44      3.16
SRCPARAM L0006572      0.015625      3.40      7.44      3.16
SRCPARAM L0006573      0.015625      3.40      7.44      3.16
SRCPARAM L0006574      0.015625      3.40      7.44      3.16
SRCPARAM L0006575      0.015625      3.40      7.44      3.16
SRCPARAM L0006576      0.015625      3.40      7.44      3.16
SRCPARAM L0006577      0.015625      3.40      7.44      3.16
SRCPARAM L0006578      0.015625      3.40      7.44      3.16
SRCPARAM L0006579      0.015625      3.40      7.44      3.16
SRCPARAM L0006580      0.015625      3.40      7.44      3.16
SRCPARAM L0006581      0.015625      3.40      7.44      3.16
SRCPARAM L0006582      0.015625      3.40      7.44      3.16
SRCPARAM L0006583      0.015625      3.40      7.44      3.16
SRCPARAM L0006584      0.015625      3.40      7.44      3.16
SRCPARAM L0006585      0.015625      3.40      7.44      3.16
SRCPARAM L0006586      0.015625      3.40      7.44      3.16
SRCPARAM L0006587      0.015625      3.40      7.44      3.16
SRCPARAM L0006588      0.015625      3.40      7.44      3.16
SRCPARAM L0006589      0.015625      3.40      7.44      3.16
SRCPARAM L0006590      0.015625      3.40      7.44      3.16
SRCPARAM L0006591      0.015625      3.40      7.44      3.16
SRCPARAM L0006592      0.015625      3.40      7.44      3.16
SRCPARAM L0006593      0.015625      3.40      7.44      3.16
SRCPARAM L0006594      0.015625      3.40      7.44      3.16
SRCPARAM L0006595      0.015625      3.40      7.44      3.16
SRCPARAM L0006596      0.015625      3.40      7.44      3.16
SRCPARAM L0006597      0.015625      3.40      7.44      3.16
SRCPARAM L0006598      0.015625      3.40      7.44      3.16
SRCPARAM L0006599      0.015625      3.40      7.44      3.16
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   SRCPARAM L0006600      0.015625      3.40      7.44      3.16
   SRCPARAM L0006601      0.015625      3.40      7.44      3.16
   SRCPARAM L0006602      0.015625      3.40      7.44      3.16
   SRCPARAM L0006603      0.015625      3.40      7.44      3.16
   SRCPARAM L0006604      0.015625      3.40      7.44      3.16
   SRCPARAM L0006605      0.015625      3.40      7.44      3.16
   SRCPARAM L0006606      0.015625      3.40      7.44      3.16
   SRCPARAM L0006607      0.015625      3.40      7.44      3.16
   SRCPARAM L0006608      0.015625      3.40      7.44      3.16
   SRCPARAM L0006609      0.015625      3.40      7.44      3.16
   SRCPARAM L0006610      0.015625      3.40      7.44      3.16
   SRCPARAM L0006611      0.015625      3.40      7.44      3.16
   SRCPARAM L0006612      0.015625      3.40      7.44      3.16
   SRCPARAM L0006613      0.015625      3.40      7.44      3.16
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** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0005351     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005352     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005353     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005354     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005355     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005356     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005357     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005358     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005359     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005360     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005361     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005362     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005363     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005364     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005365     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005366     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005367     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005368     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005369     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005370     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005371     0.0074626866      3.40      8.37      3.16
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   SRCPARAM L0005373     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005374     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005375     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005376     0.0074626866      3.40      8.37      3.16
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   SRCPARAM L0005380     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005381     0.0074626866      3.40      8.37      3.16
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   SRCPARAM L0005384     0.0074626866      3.40      8.37      3.16
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SRCPARAM L0005399     0.0074626866      3.40      8.37      3.16
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SRCPARAM L0005432     0.0074626866      3.40      8.37      3.16
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SRCPARAM L0005447     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005448     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005449     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005450     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005451     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005452     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005453     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005454     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005455     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005456     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005457     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005458     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005459     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005460     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005461     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005462     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005463     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005464     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005465     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005466     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005467     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005468     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005469     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005470     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005471     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005472     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005473     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005474     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005475     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005476     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005477     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005478     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005479     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005480     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005481     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005482     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005483     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005484     0.0074626866      3.40      8.37      3.16
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** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0006501     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006502     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006503     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006504     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006505     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006506     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006507     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006508     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006509     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006510     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006511     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006512     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006513     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006514     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006515     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006516     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006517     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006518     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006519     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006520     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006521     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006522     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006523     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006524     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006525     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006526     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006527     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006528     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006529     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006530     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006531     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006532     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006533     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006534     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006535     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006536     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006537     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006538     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006539     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006540     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006541     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006542     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006543     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006544     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006545     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006546     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006547     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006548     0.0204081633      0.00      8.37      3.16
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   SRCPARAM L0006549     0.0204081633      0.00      8.37      3.16
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0005675     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005676     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005677     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005678     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005679     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005680     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005681     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005682     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005683     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005684     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005685     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005686     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005687     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005688     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005689     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005690     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005691     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005692     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005693     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005694     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005695     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005696     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005697     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005698     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005699     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005700     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005701     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005702     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005703     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005704     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005705     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005706     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005707     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005708     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005709     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005710     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005711     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005712     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005713     0.0256410256      3.40      8.37      3.16
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006614     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
```

```
EMISFACT L0006614     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006615     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006615     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006616     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006616     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006617     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006617     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006618     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006618     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006619     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006620     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006621     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006622     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006623     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006624     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006625     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006626     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006627     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006627     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006628     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006628     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006629     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006629     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006630     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006630     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006631     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006631     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006632     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006633     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006614     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006614     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006615     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006615     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006616     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006616     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006617     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006617     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006618     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006618     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006619     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006619     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006620     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006621     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006622     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006623     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006624     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006625     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006626     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006627     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006627     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006628     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006629     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006630     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006630     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006631     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006631     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006632     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006612     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005460     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0005354     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0005683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005696     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0005696     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0005713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT L0005675     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005683     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0005694     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0005706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0005707     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP OffSiteS L0006604 L0006605 L0006606 L0006607 L0006608 L0006609
SRCGROUP OffSiteS L0006610 L0006611 L0006612 L0006613
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   SRCGROUP P1On     L0005483 L0005484
   SRCGROUP P2On     L0006501 L0006502 L0006503 L0006504 L0006505 L0006506
   SRCGROUP P2On     L0006507 L0006508 L0006509 L0006510 L0006511 L0006512
   SRCGROUP P2On     L0006513 L0006514 L0006515 L0006516 L0006517 L0006518
   SRCGROUP P2On     L0006519 L0006520 L0006521 L0006522 L0006523 L0006524
   SRCGROUP P2On     L0006525 L0006526 L0006527 L0006528 L0006529 L0006530
   SRCGROUP P2On     L0006531 L0006532 L0006533 L0006534 L0006535 L0006536
   SRCGROUP P2On     L0006537 L0006538 L0006539 L0006540 L0006541 L0006542
   SRCGROUP P2On     L0006543 L0006544 L0006545 L0006546 L0006547 L0006548
   SRCGROUP P2On     L0006549
   SRCGROUP P3On     L0005675 L0005676 L0005677 L0005678 L0005679 L0005680
   SRCGROUP P3On     L0005681 L0005682 L0005683 L0005684 L0005685 L0005686
   SRCGROUP P3On     L0005687 L0005688 L0005689 L0005690 L0005691 L0005692
   SRCGROUP P3On     L0005693 L0005694 L0005695 L0005696 L0005697 L0005698
   SRCGROUP P3On     L0005699 L0005700 L0005701 L0005702 L0005703 L0005704
   SRCGROUP P3On     L0005705 L0005706 L0005707 L0005708 L0005709 L0005710
   SRCGROUP P3On     L0005711 L0005712 L0005713
   SRCGROUP OffSiteL L0006614 L0006615 L0006616 L0006617 L0006618 L0006619
   SRCGROUP OffSiteL L0006620 L0006621 L0006622 L0006623 L0006624 L0006625
   SRCGROUP OffSiteL L0006626 L0006627 L0006628 L0006629 L0006630 L0006631
   SRCGROUP OffSiteL L0006632 L0006633
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Good Sam Phase I Cons.rou"
RE FINISHED
**
```

```
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Good Sam Phase I Cons.SFC"
   PROFFILE "Good Sam Phase I Cons.PFL"
   SURFDATA 23293 2013 San_Jose_Int_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Good Sam Phase I Cons.AD\01H1GALL.PLT" 31
   PLOTFILE 1 OffSiteS 1ST "Good Sam Phase I Cons.AD\01H1G001.PLT" 32
   PLOTFILE 1 P1On 1ST "Good Sam Phase I Cons.AD\01H1G002.PLT" 33
   PLOTFILE 1 P2On 1ST "Good Sam Phase I Cons.AD\01H1G003.PLT" 34
   PLOTFILE 1 P3On 1ST "Good Sam Phase I Cons.AD\01H1G004.PLT" 35
   PLOTFILE 1 OffSiteL 1ST "Good Sam Phase I Cons.AD\01H1G005.PLT" 36
   PLOTFILE PERIOD ALL "Good Sam Phase I Cons.AD\PE00GALL.PLT" 37
   PLOTFILE PERIOD OffSiteS "Good Sam Phase I Cons.AD\PE00G001.PLT" 38
   PLOTFILE PERIOD P1On "Good Sam Phase I Cons.AD\PE00G002.PLT" 39
   PLOTFILE PERIOD P2On "Good Sam Phase I Cons.AD\PE00G003.PLT" 40
   PLOTFILE PERIOD P3On "Good Sam Phase I Cons.AD\PE00G004.PLT" 41
   PLOTFILE PERIOD OffSiteL "Good Sam Phase I Cons.AD\PE00G005.PLT" 42
   SUMMFILE "Good Sam Phase I Cons.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***
```

```
   ********   WARNING MESSAGES   ********
 ME W186    4562       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    4562       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        17:51:42

                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   306 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    983489.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    306 Source(s);       6 Source Group(s); and     945
```

```
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    306 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    15.50 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.1 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Good Sam Phase I Cons.err

 **File for Summary of Results:   Good Sam Phase I Cons.sum

↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006614	0	0.50000E-01	592799.5	4123321.4	91.0	3.40	7.44	3.16	YES	HRDOW
L0006615	0	0.50000E-01	592808.0	4123335.0	90.9	3.40	7.44	3.16	YES	HRDOW
L0006616	0	0.50000E-01	592816.4	4123348.6	90.8	3.40	7.44	3.16	YES	HRDOW
L0006617	0	0.50000E-01	592824.8	4123362.2	90.6	3.40	7.44	3.16	YES	HRDOW
L0006618	0	0.50000E-01	592833.3	4123375.8	90.6	3.40	7.44	3.16	YES	HRDOW
L0006619	0	0.50000E-01	592841.7	4123389.4	90.4	3.40	7.44	3.16	YES	HRDOW
L0006620	0	0.50000E-01	592850.1	4123403.0	90.3	3.40	7.44	3.16	YES	HRDOW
L0006621	0	0.50000E-01	592858.5	4123416.6	90.3	3.40	7.44	3.16	YES	HRDOW
L0006622	0	0.50000E-01	592867.0	4123430.2	90.1	3.40	7.44	3.16	YES	HRDOW
L0006623	0	0.50000E-01	592875.4	4123443.8	90.1	3.40	7.44	3.16	YES	HRDOW
L0006624	0	0.50000E-01	592883.8	4123457.4	90.0	3.40	7.44	3.16	YES	HRDOW
L0006625	0	0.50000E-01	592892.3	4123471.0	89.8	3.40	7.44	3.16	YES	HRDOW
L0006626	0	0.50000E-01	592900.7	4123484.6	89.6	3.40	7.44	3.16	YES	HRDOW
L0006627	0	0.50000E-01	592909.1	4123498.2	89.5	3.40	7.44	3.16	YES	HRDOW
L0006628	0	0.50000E-01	592917.6	4123511.8	89.3	3.40	7.44	3.16	YES	HRDOW
L0006629	0	0.50000E-01	592926.0	4123525.4	89.0	3.40	7.44			

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3.16     YES   HRDOW
 L0006630         0   0.50000E-01  592934.4 4123539.0    88.3     3.40     7.44
3.16     YES   HRDOW
 L0006631         0   0.50000E-01  592942.9 4123552.6    85.7     3.40     7.44
3.16     YES   HRDOW
 L0006632         0   0.50000E-01  592951.3 4123566.2    82.8     3.40     7.44
3.16     YES   HRDOW
 L0006633         0   0.50000E-01  592959.7 4123579.8    80.8     3.40     7.44
3.16     YES   HRDOW
 L0006550         0   0.15625E-01  592921.5 4123459.5    89.7     3.40     7.44
3.16     YES   HRDOW
 L0006551         0   0.15625E-01  592937.0 4123455.6    89.5     3.40     7.44
3.16     YES   HRDOW
 L0006552         0   0.15625E-01  592952.6 4123451.7    89.4     3.40     7.44
3.16     YES   HRDOW
 L0006553         0   0.15625E-01  592967.8 4123452.7    89.3     3.40     7.44
3.16     YES   HRDOW
 L0006554         0   0.15625E-01  592982.8 4123458.4    89.3     3.40     7.44
3.16     YES   HRDOW
 L0006555         0   0.15625E-01  592997.7 4123464.1    89.2     3.40     7.44
3.16     YES   HRDOW
 L0006556         0   0.15625E-01  593012.9 4123466.7    89.1     3.40     7.44
3.16     YES   HRDOW
 L0006557         0   0.15625E-01  593028.6 4123463.4    89.0     3.40     7.44
3.16     YES   HRDOW
 L0006558         0   0.15625E-01  593044.2 4123460.0    88.8     3.40     7.44
3.16     YES   HRDOW
 L0006559         0   0.15625E-01  593059.9 4123456.7    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006560         0   0.15625E-01  593067.4 4123443.4    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006561         0   0.15625E-01  593073.7 4123428.7    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006562         0   0.15625E-01  593080.1 4123414.0    88.6     3.40     7.44
3.16     YES   HRDOW
 L0006563         0   0.15625E-01  593086.4 4123399.3    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006564         0   0.15625E-01  593091.4 4123384.2    88.6     3.40     7.44
3.16     YES   HRDOW
 L0006565         0   0.15625E-01  593096.5 4123369.0    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006566         0   0.15625E-01  593101.6 4123353.8    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006567         0   0.15625E-01  593106.6 4123338.6    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006568         0   0.15625E-01  593111.7 4123323.5    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006569         0   0.15625E-01  593116.7 4123308.3    88.8     3.40     7.44
3.16     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006570	0	0.15625E-01	593121.8	4123293.1	88.9	3.40	7.44	3.16	YES	HRDOW
L0006571	0	0.15625E-01	593129.1	4123279.2	88.9	3.40	7.44	3.16	YES	HRDOW
L0006572	0	0.15625E-01	593139.9	4123267.5	88.9	3.40	7.44	3.16	YES	HRDOW
L0006573	0	0.15625E-01	593150.8	4123255.8	89.0	3.40	7.44	3.16	YES	HRDOW
L0006574	0	0.15625E-01	593163.9	4123249.0	89.0	3.40	7.44	3.16	YES	HRDOW
L0006575	0	0.15625E-01	593179.9	4123249.1	88.8	3.40	7.44	3.16	YES	HRDOW
L0006576	0	0.15625E-01	593195.9	4123249.3	88.8	3.40	7.44	3.16	YES	HRDOW
L0006577	0	0.15625E-01	593211.8	4123249.4	88.7	3.40	7.44	3.16	YES	HRDOW
L0006578	0	0.15625E-01	593227.8	4123249.6	88.5	3.40	7.44	3.16	YES	HRDOW
L0006579	0	0.15625E-01	593243.8	4123249.7	88.5	3.40	7.44	3.16	YES	HRDOW
L0006580	0	0.15625E-01	593259.8	4123249.8	88.3	3.40	7.44	3.16	YES	HRDOW
L0006581	0	0.15625E-01	593275.8	4123250.0	88.2	3.40	7.44	3.16	YES	HRDOW
L0006582	0	0.15625E-01	593291.8	4123250.1	88.0	3.40	7.44	3.16	YES	HRDOW
L0006583	0	0.15625E-01	593307.8	4123250.2	87.8	3.40	7.44	3.16	YES	HRDOW
L0006584	0	0.15625E-01	593323.8	4123250.4	87.7	3.40	7.44	3.16	YES	HRDOW
L0006585	0	0.15625E-01	593339.8	4123250.5	87.5	3.40	7.44			

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3.16     YES   HRDOW
 L0006586         0   0.15625E-01  593355.8 4123250.6    87.4     3.40     7.44
3.16     YES   HRDOW
 L0006587         0   0.15625E-01  593371.8 4123250.8    87.2     3.40     7.44
3.16     YES   HRDOW
 L0006588         0   0.15625E-01  593387.8 4123250.9    86.9     3.40     7.44
3.16     YES   HRDOW
 L0006589         0   0.15625E-01  593403.8 4123251.1    86.5     3.40     7.44
3.16     YES   HRDOW
 L0006590         0   0.15625E-01  593419.8 4123251.2    86.0     3.40     7.44
3.16     YES   HRDOW
 L0006591         0   0.15625E-01  593435.8 4123251.3    86.0     3.40     7.44
3.16     YES   HRDOW
 L0006592         0   0.15625E-01  593451.8 4123251.5    86.3     3.40     7.44
3.16     YES   HRDOW
 L0006593         0   0.15625E-01  593467.8 4123251.6    86.5     3.40     7.44
3.16     YES   HRDOW
 L0006594         0   0.15625E-01  593483.8 4123251.7    86.5     3.40     7.44
3.16     YES   HRDOW
 L0006595         0   0.15625E-01  593499.8 4123251.9    86.4     3.40     7.44
3.16     YES   HRDOW
 L0006596         0   0.15625E-01  593515.8 4123252.0    86.1     3.40     7.44
3.16     YES   HRDOW
 L0006597         0   0.15625E-01  593531.8 4123252.1    85.9     3.40     7.44
3.16     YES   HRDOW
 L0006598         0   0.15625E-01  593547.8 4123252.3    85.8     3.40     7.44
3.16     YES   HRDOW
 L0006599         0   0.15625E-01  593563.8 4123252.4    85.6     3.40     7.44
3.16     YES   HRDOW
 L0006600         0   0.15625E-01  593579.8 4123252.5    85.5     3.40     7.44
3.16     YES   HRDOW
 L0006601         0   0.15625E-01  593595.8 4123252.7    85.4     3.40     7.44
3.16     YES   HRDOW
 L0006602         0   0.15625E-01  593611.8 4123253.0    85.2     3.40     7.44
3.16     YES   HRDOW
 L0006603         0   0.15625E-01  593621.6 4123265.6    84.9     3.40     7.44
3.16     YES   HRDOW
 L0006604         0   0.15625E-01  593631.4 4123278.2    84.8     3.40     7.44
3.16     YES   HRDOW
 L0006605         0   0.15625E-01  593641.2 4123290.9    84.6     3.40     7.44
3.16     YES   HRDOW
 L0006606         0   0.15625E-01  593651.0 4123303.5    84.3     3.40     7.44
3.16     YES   HRDOW
 L0006607         0   0.15625E-01  593661.2 4123315.8    84.1     3.40     7.44
3.16     YES   HRDOW
 L0006608         0   0.15625E-01  593671.9 4123327.8    83.9     3.40     7.44
3.16     YES   HRDOW
 L0006609         0   0.15625E-01  593682.5 4123339.7    83.8     3.40     7.44
3.16     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006610	0	0.15625E-01	593693.2	4123351.7	83.7	3.40	7.44	3.16	YES	HRDOW
L0006611	0	0.15625E-01	593699.6	4123365.4	83.7	3.40	7.44	3.16	YES	HRDOW
L0006612	0	0.15625E-01	593700.7	4123381.3	83.9	3.40	7.44	3.16	YES	HRDOW
L0006613	0	0.15625E-01	593701.7	4123397.3	83.9	3.40	7.44	3.16	YES	HRDOW
L0005351	0	0.74627E-02	593550.4	4123273.3	85.8	3.40	8.37	3.16	YES	HRDOW
L0005352	0	0.74627E-02	593568.4	4123273.9	85.7	3.40	8.37	3.16	YES	HRDOW
L0005353	0	0.74627E-02	593586.4	4123274.5	85.5	3.40	8.37	3.16	YES	HRDOW
L0005354	0	0.74627E-02	593604.4	4123275.1	85.3	3.40	8.37	3.16	YES	HRDOW
L0005355	0	0.74627E-02	593620.4	4123280.1	85.0	3.40	8.37	3.16	YES	HRDOW
L0005356	0	0.74627E-02	593633.0	4123293.0	84.8	3.40	8.37	3.16	YES	HRDOW
L0005357	0	0.74627E-02	593633.4	4123300.4	84.8	3.40	8.37	3.16	YES	HRDOW
L0005358	0	0.74627E-02	593615.5	4123299.6	85.1	3.40	8.37	3.16	YES	HRDOW
L0005359	0	0.74627E-02	593597.5	4123298.8	85.5	3.40	8.37	3.16	YES	HRDOW
L0005360	0	0.74627E-02	593579.5	4123297.9	85.6	3.40	8.37	3.16	YES	HRDOW
L0005361	0	0.74627E-02	593561.5	4123297.1	85.7	3.40	8.37	3.16	YES	HRDOW
L0005362	0	0.74627E-02	593545.0	4123298.0	85.8	3.40	8.37			

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3.16     YES   HRDOW
 L0005363         0   0.74627E-02  593543.1 4123315.9    85.7     3.40     8.37
3.16     YES   HRDOW
 L0005364         0   0.74627E-02  593543.5 4123331.7    85.5     3.40     8.37
3.16     YES   HRDOW
 L0005365         0   0.74627E-02  593561.5 4123331.8    85.4     3.40     8.37
3.16     YES   HRDOW
 L0005366         0   0.74627E-02  593579.5 4123331.9    85.3     3.40     8.37
3.16     YES   HRDOW
 L0005367         0   0.74627E-02  593597.5 4123332.0    85.2     3.40     8.37
3.16     YES   HRDOW
 L0005368         0   0.74627E-02  593615.5 4123332.1    84.9     3.40     8.37
3.16     YES   HRDOW
 L0005369         0   0.74627E-02  593633.5 4123332.2    84.6     3.40     8.37
3.16     YES   HRDOW
 L0005370         0   0.74627E-02  593651.5 4123332.2    84.3     3.40     8.37
3.16     YES   HRDOW
 L0005371         0   0.74627E-02  593668.3 4123334.4    84.0     3.40     8.37
3.16     YES   HRDOW
 L0005372         0   0.74627E-02  593677.2 4123350.1    83.9     3.40     8.37
3.16     YES   HRDOW
 L0005373         0   0.74627E-02  593676.4 4123360.0    84.0     3.40     8.37
3.16     YES   HRDOW
 L0005374         0   0.74627E-02  593658.4 4123359.8    84.2     3.40     8.37
3.16     YES   HRDOW
 L0005375         0   0.74627E-02  593640.4 4123359.5    84.4     3.40     8.37
3.16     YES   HRDOW
 L0005376         0   0.74627E-02  593622.4 4123359.3    84.7     3.40     8.37
3.16     YES   HRDOW
 L0005377         0   0.74627E-02  593604.4 4123359.1    84.9     3.40     8.37
3.16     YES   HRDOW
 L0005378         0   0.74627E-02  593586.4 4123358.8    85.1     3.40     8.37
3.16     YES   HRDOW
 L0005379         0   0.74627E-02  593568.4 4123358.6    85.2     3.40     8.37
3.16     YES   HRDOW
 L0005380         0   0.74627E-02  593550.5 4123358.3    85.2     3.40     8.37
3.16     YES   HRDOW
 L0005381         0   0.74627E-02  593541.2 4123367.2    85.2     3.40     8.37
3.16     YES   HRDOW
 L0005382         0   0.74627E-02  593540.9 4123385.2    85.3     3.40     8.37
3.16     YES   HRDOW
 L0005383         0   0.74627E-02  593554.8 4123388.9    85.3     3.40     8.37
3.16     YES   HRDOW
 L0005384         0   0.74627E-02  593572.8 4123388.5    85.3     3.40     8.37
3.16     YES   HRDOW
 L0005385         0   0.74627E-02  593590.8 4123388.2    85.1     3.40     8.37
3.16     YES   HRDOW
 L0005386         0   0.74627E-02  593608.8 4123387.8    84.9     3.40     8.37
3.16     YES   HRDOW
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0005387	0	0.74627E-02	593626.8	4123387.5	84.7	3.40	8.37	3.16	YES	HRDOW
L0005388	0	0.74627E-02	593644.8	4123387.1	84.5	3.40	8.37	3.16	YES	HRDOW
L0005389	0	0.74627E-02	593662.8	4123386.7	84.5	3.40	8.37	3.16	YES	HRDOW
L0005390	0	0.74627E-02	593680.8	4123386.4	84.3	3.40	8.37	3.16	YES	HRDOW
L0005391	0	0.74627E-02	593698.8	4123386.0	84.0	3.40	8.37	3.16	YES	HRDOW
L0005392	0	0.74627E-02	593697.7	4123403.4	83.8	3.40	8.37	3.16	YES	HRDOW
L0005393	0	0.74627E-02	593689.2	4123413.9	83.7	3.40	8.37	3.16	YES	HRDOW
L0005394	0	0.74627E-02	593671.2	4123414.1	84.1	3.40	8.37	3.16	YES	HRDOW
L0005395	0	0.74627E-02	593653.2	4123414.3	84.2	3.40	8.37	3.16	YES	HRDOW
L0005396	0	0.74627E-02	593635.2	4123414.5	84.5	3.40	8.37	3.16	YES	HRDOW
L0005397	0	0.74627E-02	593617.2	4123414.8	84.8	3.40	8.37	3.16	YES	HRDOW
L0005398	0	0.74627E-02	593599.2	4123415.0	85.3	3.40	8.37	3.16	YES	HRDOW
L0005399	0	0.74627E-02	593581.2	4123415.2	85.5	3.40	8.37	3.16	YES	HRDOW
L0005400	0	0.74627E-02	593563.2	4123415.4	85.6	3.40	8.37	3.16	YES	HRDOW
L0005401	0	0.74627E-02	593545.2	4123415.6	85.6	3.40	8.37	3.16	YES	HRDOW
L0005402	0	0.74627E-02	593538.3	4123426.7	85.5	3.40	8.37			

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3.16     YES   HRDOW
 L0005403         0   0.74627E-02  593538.9 4123444.0    84.8     3.40     8.37
3.16     YES   HRDOW
 L0005404         0   0.74627E-02  593556.6 4123441.1    84.6     3.40     8.37
3.16     YES   HRDOW
 L0005405         0   0.74627E-02  593574.4 4123438.2    84.5     3.40     8.37
3.16     YES   HRDOW
 L0005406         0   0.74627E-02  593592.2 4123435.3    84.3     3.40     8.37
3.16     YES   HRDOW
 L0005407         0   0.74627E-02  593609.9 4123432.4    84.0     3.40     8.37
3.16     YES   HRDOW
 L0005408         0   0.74627E-02  593627.7 4123429.5    83.8     3.40     8.37
3.16     YES   HRDOW
 L0005409         0   0.74627E-02  593645.5 4123426.6    83.7     3.40     8.37
3.16     YES   HRDOW
 L0005410         0   0.74627E-02  593663.2 4123423.7    83.8     3.40     8.37
3.16     YES   HRDOW
 L0005411         0   0.74627E-02  593681.0 4123420.8    83.7     3.40     8.37
3.16     YES   HRDOW
 L0005412         0   0.74627E-02  593696.9 4123420.2    83.4     3.40     8.37
3.16     YES   HRDOW
 L0005413         0   0.74627E-02  593689.6 4123431.7    82.5     3.40     8.37
3.16     YES   HRDOW
 L0005414         0   0.74627E-02  593671.9 4123435.0    82.5     3.40     8.37
3.16     YES   HRDOW
 L0005415         0   0.74627E-02  593654.2 4123438.3    82.4     3.40     8.37
3.16     YES   HRDOW
 L0005416         0   0.74627E-02  593636.5 4123441.6    82.5     3.40     8.37
3.16     YES   HRDOW
 L0005417         0   0.74627E-02  593618.8 4123444.9    82.6     3.40     8.37
3.16     YES   HRDOW
 L0005418         0   0.74627E-02  593601.1 4123448.1    83.0     3.40     8.37
3.16     YES   HRDOW
 L0005419         0   0.74627E-02  593583.4 4123451.4    83.4     3.40     8.37
3.16     YES   HRDOW
 L0005420         0   0.74627E-02  593565.7 4123454.7    83.6     3.40     8.37
3.16     YES   HRDOW
 L0005421         0   0.74627E-02  593548.0 4123458.0    83.7     3.40     8.37
3.16     YES   HRDOW
 L0005422         0   0.74627E-02  593530.3 4123461.3    83.6     3.40     8.37
3.16     YES   HRDOW
 L0005423         0   0.74627E-02  593512.6 4123464.6    83.6     3.40     8.37
3.16     YES   HRDOW
 L0005424         0   0.74627E-02  593494.9 4123467.9    83.6     3.40     8.37
3.16     YES   HRDOW
 L0005425         0   0.74627E-02  593477.2 4123471.2    83.7     3.40     8.37
3.16     YES   HRDOW
 L0005426         0   0.74627E-02  593459.5 4123474.5    83.8     3.40     8.37
3.16     YES   HRDOW
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0005427	0	0.74627E-02	593441.8	4123477.8	83.9	3.40	8.37	3.16	YES	HRDOW
L0005428	0	0.74627E-02	593424.2	4123481.1	84.2	3.40	8.37	3.16	YES	HRDOW
L0005429	0	0.74627E-02	593406.5	4123484.4	84.6	3.40	8.37	3.16	YES	HRDOW
L0005430	0	0.74627E-02	593388.8	4123487.7	84.8	3.40	8.37	3.16	YES	HRDOW
L0005431	0	0.74627E-02	593371.1	4123491.0	84.9	3.40	8.37	3.16	YES	HRDOW
L0005432	0	0.74627E-02	593361.8	4123484.6	85.8	3.40	8.37	3.16	YES	HRDOW
L0005433	0	0.74627E-02	593362.6	4123466.6	86.6	3.40	8.37	3.16	YES	HRDOW
L0005434	0	0.74627E-02	593379.6	4123463.5	86.5	3.40	8.37	3.16	YES	HRDOW
L0005435	0	0.74627E-02	593397.5	4123461.4	86.4	3.40	8.37	3.16	YES	HRDOW
L0005436	0	0.74627E-02	593415.3	4123459.2	86.2	3.40	8.37	3.16	YES	HRDOW
L0005437	0	0.74627E-02	593433.2	4123457.1	86.1	3.40	8.37	3.16	YES	HRDOW
L0005438	0	0.74627E-02	593451.1	4123454.9	86.1	3.40	8.37	3.16	YES	HRDOW
L0005439	0	0.74627E-02	593468.9	4123452.7	86.1	3.40	8.37	3.16	YES	HRDOW
L0005440	0	0.74627E-02	593486.8	4123450.6	85.9	3.40	8.37	3.16	YES	HRDOW
L0005441	0	0.74627E-02	593504.7	4123448.4	85.5	3.40	8.37	3.16	YES	HRDOW
L0005442	0	0.74627E-02	593522.5	4123446.2	85.0	3.40	8.37			

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3.16     YES   HRDOW
 L0005443         0   0.74627E-02  593524.8 4123429.9    85.5     3.40     8.37
3.16     YES   HRDOW
 L0005444         0   0.74627E-02  593514.4 4123424.7    85.8     3.40     8.37
3.16     YES   HRDOW
 L0005445         0   0.74627E-02  593496.7 4123428.0    86.0     3.40     8.37
3.16     YES   HRDOW
 L0005446         0   0.74627E-02  593479.1 4123431.4    86.3     3.40     8.37
3.16     YES   HRDOW
 L0005447         0   0.74627E-02  593461.4 4123434.8    86.5     3.40     8.37
3.16     YES   HRDOW
 L0005448         0   0.74627E-02  593443.7 4123438.1    86.7     3.40     8.37
3.16     YES   HRDOW
 L0005449         0   0.74627E-02  593426.0 4123441.5    86.8     3.40     8.37
3.16     YES   HRDOW
 L0005450         0   0.74627E-02  593408.3 4123444.9    87.0     3.40     8.37
3.16     YES   HRDOW
 L0005451         0   0.74627E-02  593390.6 4123448.2    87.1     3.40     8.37
3.16     YES   HRDOW
 L0005452         0   0.74627E-02  593373.0 4123451.6    87.0     3.40     8.37
3.16     YES   HRDOW
 L0005453         0   0.74627E-02  593365.4 4123442.2    87.0     3.40     8.37
3.16     YES   HRDOW
 L0005454         0   0.74627E-02  593364.7 4123424.2    86.9     3.40     8.37
3.16     YES   HRDOW
 L0005455         0   0.74627E-02  593380.3 4123420.3    87.0     3.40     8.37
3.16     YES   HRDOW
 L0005456         0   0.74627E-02  593398.2 4123418.4    86.9     3.40     8.37
3.16     YES   HRDOW
 L0005457         0   0.74627E-02  593416.1 4123416.4    86.6     3.40     8.37
3.16     YES   HRDOW
 L0005458         0   0.74627E-02  593434.0 4123414.5    86.4     3.40     8.37
3.16     YES   HRDOW
 L0005459         0   0.74627E-02  593451.9 4123412.6    86.3     3.40     8.37
3.16     YES   HRDOW
 L0005460         0   0.74627E-02  593469.8 4123410.6    86.2     3.40     8.37
3.16     YES   HRDOW
 L0005461         0   0.74627E-02  593487.7 4123408.7    86.0     3.40     8.37
3.16     YES   HRDOW
 L0005462         0   0.74627E-02  593505.6 4123406.8    85.8     3.40     8.37
3.16     YES   HRDOW
 L0005463         0   0.74627E-02  593523.4 4123404.8    85.5     3.40     8.37
3.16     YES   HRDOW
 L0005464         0   0.74627E-02  593528.2 4123391.1    85.3     3.40     8.37
3.16     YES   HRDOW
 L0005465         0   0.74627E-02  593520.3 4123381.8    85.3     3.40     8.37
3.16     YES   HRDOW
 L0005466         0   0.74627E-02  593502.4 4123383.7    85.5     3.40     8.37
3.16     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0005467	0	0.74627E-02	593484.5	4123385.6	85.4	3.40	8.37	3.16	YES	HRDOW
L0005468	0	0.74627E-02	593466.6	4123387.5	85.3	3.40	8.37	3.16	YES	HRDOW
L0005469	0	0.74627E-02	593448.7	4123389.4	85.1	3.40	8.37	3.16	YES	HRDOW
L0005470	0	0.74627E-02	593430.8	4123391.3	85.3	3.40	8.37	3.16	YES	HRDOW
L0005471	0	0.74627E-02	593412.9	4123393.2	85.6	3.40	8.37	3.16	YES	HRDOW
L0005472	0	0.74627E-02	593395.0	4123395.1	85.9	3.40	8.37	3.16	YES	HRDOW
L0005473	0	0.74627E-02	593377.1	4123397.0	86.5	3.40	8.37	3.16	YES	HRDOW
L0005474	0	0.74627E-02	593367.0	4123390.1	86.6	3.40	8.37	3.16	YES	HRDOW
L0005475	0	0.74627E-02	593366.6	4123372.1	86.2	3.40	8.37	3.16	YES	HRDOW
L0005476	0	0.74627E-02	593378.8	4123366.3	85.4	3.40	8.37	3.16	YES	HRDOW
L0005477	0	0.74627E-02	593396.8	4123366.2	84.0	3.40	8.37	3.16	YES	HRDOW
L0005478	0	0.74627E-02	593414.8	4123366.1	83.5	3.40	8.37	3.16	YES	HRDOW
L0005479	0	0.74627E-02	593432.8	4123365.9	83.3	3.40	8.37	3.16	YES	HRDOW
L0005480	0	0.74627E-02	593450.8	4123365.8	83.5	3.40	8.37	3.16	YES	HRDOW
L0005481	0	0.74627E-02	593468.8	4123365.6	84.1	3.40	8.37	3.16	YES	HRDOW
L0005482	0	0.74627E-02	593486.8	4123365.5	84.6	3.40	8.37			

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3.16     YES   HRDOW
 L0005483         0   0.74627E-02  593504.8 4123365.4    85.0     3.40     8.37
3.16     YES   HRDOW
 L0005484         0   0.74627E-02  593522.8 4123365.2    85.3     3.40     8.37
3.16     YES   HRDOW
 L0006501         0   0.20408E-01  593304.1 4123493.4    86.0     0.00     8.37
3.16     YES   HRDOW
 L0006502         0   0.20408E-01  593322.1 4123492.3    85.8     0.00     8.37
3.16     YES   HRDOW
 L0006503         0   0.20408E-01  593340.0 4123491.1    85.5     0.00     8.37
3.16     YES   HRDOW
 L0006504         0   0.20408E-01  593353.7 4123485.3    85.8     0.00     8.37
3.16     YES   HRDOW
 L0006505         0   0.20408E-01  593352.8 4123470.5    86.6     0.00     8.37
3.16     YES   HRDOW
 L0006506         0   0.20408E-01  593334.8 4123471.1    87.0     0.00     8.37
3.16     YES   HRDOW
 L0006507         0   0.20408E-01  593316.8 4123471.8    87.2     0.00     8.37
3.16     YES   HRDOW
 L0006508         0   0.20408E-01  593298.8 4123472.4    87.3     0.00     8.37
3.16     YES   HRDOW
 L0006509         0   0.20408E-01  593295.5 4123457.4    87.3     0.00     8.37
3.16     YES   HRDOW
 L0006510         0   0.20408E-01  593299.6 4123444.3    87.3     0.00     8.37
3.16     YES   HRDOW
 L0006511         0   0.20408E-01  593317.5 4123445.7    87.1     0.00     8.37
3.16     YES   HRDOW
 L0006512         0   0.20408E-01  593335.5 4123447.2    87.0     0.00     8.37
3.16     YES   HRDOW
 L0006513         0   0.20408E-01  593352.6 4123447.7    86.9     0.00     8.37
3.16     YES   HRDOW
 L0006514         0   0.20408E-01  593352.1 4123429.7    86.9     0.00     8.37
3.16     YES   HRDOW
 L0006515         0   0.20408E-01  593339.1 4123424.8    86.9     0.00     8.37
3.16     YES   HRDOW
 L0006516         0   0.20408E-01  593321.1 4123425.2    86.9     0.00     8.37
3.16     YES   HRDOW
 L0006517         0   0.20408E-01  593303.1 4123425.6    87.1     0.00     8.37
3.16     YES   HRDOW
 L0006518         0   0.20408E-01  593294.7 4123415.2    87.2     0.00     8.37
3.16     YES   HRDOW
 L0006519         0   0.20408E-01  593295.8 4123399.9    87.2     0.00     8.37
3.16     YES   HRDOW
 L0006520         0   0.20408E-01  593313.8 4123399.9    87.0     0.00     8.37
3.16     YES   HRDOW
 L0006521         0   0.20408E-01  593331.8 4123399.9    86.9     0.00     8.37
3.16     YES   HRDOW
 L0006522         0   0.20408E-01  593349.8 4123399.9    86.9     0.00     8.37
3.16     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006523	0	0.20408E-01	593354.4	4123387.2	86.9	0.00	8.37	3.16	YES	HRDOW
L0006524	0	0.20408E-01	593347.2	4123375.9	86.9	0.00	8.37	3.16	YES	HRDOW
L0006525	0	0.20408E-01	593329.2	4123375.9	87.0	0.00	8.37	3.16	YES	HRDOW
L0006526	0	0.20408E-01	593311.2	4123375.9	87.1	0.00	8.37	3.16	YES	HRDOW
L0006527	0	0.20408E-01	593293.2	4123375.9	87.3	0.00	8.37	3.16	YES	HRDOW
L0006528	0	0.20408E-01	593293.2	4123357.9	87.4	0.00	8.37	3.16	YES	HRDOW
L0006529	0	0.20408E-01	593309.7	4123356.8	87.2	0.00	8.37	3.16	YES	HRDOW
L0006530	0	0.20408E-01	593327.7	4123357.4	87.0	0.00	8.37	3.16	YES	HRDOW
L0006531	0	0.20408E-01	593345.6	4123358.0	86.9	0.00	8.37	3.16	YES	HRDOW
L0006532	0	0.20408E-01	593352.7	4123347.8	86.8	0.00	8.37	3.16	YES	HRDOW
L0006533	0	0.20408E-01	593348.8	4123333.0	87.0	0.00	8.37	3.16	YES	HRDOW
L0006534	0	0.20408E-01	593330.8	4123333.0	87.1	0.00	8.37	3.16	YES	HRDOW
L0006535	0	0.20408E-01	593312.8	4123333.0	87.3	0.00	8.37	3.16	YES	HRDOW
L0006536	0	0.20408E-01	593295.1	4123332.7	87.5	0.00	8.37	3.16	YES	HRDOW
L0006537	0	0.20408E-01	593293.5	4123314.7	87.7	0.00	8.37	3.16	YES	HRDOW
L0006538	0	0.20408E-01	593307.9	4123312.9	87.5	0.00	8.37			

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3.16     YES   HRDOW
 L0006539         0   0.20408E-01  593325.8 4123314.7    87.3     0.00     8.37
3.16     YES   HRDOW
 L0006540         0   0.20408E-01  593343.7 4123316.4    87.2     0.00     8.37
3.16     YES   HRDOW
 L0006541         0   0.20408E-01  593357.1 4123313.8    86.9     0.00     8.37
3.16     YES   HRDOW
 L0006542         0   0.20408E-01  593354.6 4123296.0    87.2     0.00     8.37
3.16     YES   HRDOW
 L0006543         0   0.20408E-01  593337.4 4123295.1    87.5     0.00     8.37
3.16     YES   HRDOW
 L0006544         0   0.20408E-01  593319.4 4123295.1    87.6     0.00     8.37
3.16     YES   HRDOW
 L0006545         0   0.20408E-01  593301.4 4123295.1    87.7     0.00     8.37
3.16     YES   HRDOW
 L0006546         0   0.20408E-01  593294.2 4123286.1    87.9     0.00     8.37
3.16     YES   HRDOW
 L0006547         0   0.20408E-01  593308.1 4123280.8    87.7     0.00     8.37
3.16     YES   HRDOW
 L0006548         0   0.20408E-01  593326.1 4123280.2    87.6     0.00     8.37
3.16     YES   HRDOW
 L0006549         0   0.20408E-01  593344.1 4123279.7    87.4     0.00     8.37
3.16     YES   HRDOW
 L0005675         0   0.25641E-01  593378.6 4123345.0    85.2     3.40     8.37
3.16     YES   HRDOW
 L0005676         0   0.25641E-01  593396.6 4123345.1    83.5     3.40     8.37
3.16     YES   HRDOW
 L0005677         0   0.25641E-01  593414.6 4123345.1    83.1     3.40     8.37
3.16     YES   HRDOW
 L0005678         0   0.25641E-01  593432.6 4123345.2    83.3     3.40     8.37
3.16     YES   HRDOW
 L0005679         0   0.25641E-01  593450.6 4123345.3    83.8     3.40     8.37
3.16     YES   HRDOW
 L0005680         0   0.25641E-01  593468.6 4123345.4    84.6     3.40     8.37
3.16     YES   HRDOW
 L0005681         0   0.25641E-01  593486.6 4123345.4    85.1     3.40     8.37
3.16     YES   HRDOW
 L0005682         0   0.25641E-01  593504.6 4123345.5    85.4     3.40     8.37
3.16     YES   HRDOW
 L0005683         0   0.25641E-01  593522.6 4123345.6    85.5     3.40     8.37
3.16     YES   HRDOW
 L0005684         0   0.25641E-01  593526.9 4123329.5    85.8     3.40     8.37
3.16     YES   HRDOW
 L0005685         0   0.25641E-01  593513.7 4123325.4    86.1     3.40     8.37
3.16     YES   HRDOW
 L0005686         0   0.25641E-01  593495.7 4123325.4    86.4     3.40     8.37
3.16     YES   HRDOW
 L0005687         0   0.25641E-01  593477.7 4123325.4    86.4     3.40     8.37
3.16     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0005688	0	0.25641E-01	593459.7	4123325.4	85.7	3.40	8.37	3.16	YES	HRDOW
L0005689	0	0.25641E-01	593441.7	4123325.4	84.8	3.40	8.37	3.16	YES	HRDOW
L0005690	0	0.25641E-01	593423.7	4123325.4	83.8	3.40	8.37	3.16	YES	HRDOW
L0005691	0	0.25641E-01	593405.7	4123325.4	83.4	3.40	8.37	3.16	YES	HRDOW
L0005692	0	0.25641E-01	593387.7	4123325.4	84.5	3.40	8.37	3.16	YES	HRDOW
L0005693	0	0.25641E-01	593371.6	4123323.6	85.9	3.40	8.37	3.16	YES	HRDOW
L0005694	0	0.25641E-01	593372.1	4123305.6	86.4	3.40	8.37	3.16	YES	HRDOW
L0005695	0	0.25641E-01	593386.0	4123301.7	85.5	3.40	8.37	3.16	YES	HRDOW
L0005696	0	0.25641E-01	593404.0	4123302.0	84.1	3.40	8.37	3.16	YES	HRDOW
L0005697	0	0.25641E-01	593422.0	4123302.4	83.8	3.40	8.37	3.16	YES	HRDOW
L0005698	0	0.25641E-01	593440.0	4123302.7	84.6	3.40	8.37	3.16	YES	HRDOW
L0005699	0	0.25641E-01	593458.0	4123303.1	85.7	3.40	8.37	3.16	YES	HRDOW
L0005700	0	0.25641E-01	593475.9	4123303.5	86.7	3.40	8.37	3.16	YES	HRDOW
L0005701	0	0.25641E-01	593493.9	4123303.8	86.7	3.40	8.37	3.16	YES	HRDOW
L0005702	0	0.25641E-01	593511.9	4123304.2	86.4	3.40	8.37	3.16	YES	HRDOW
L0005703	0	0.25641E-01	593529.4	4123304.0	86.0	3.40	8.37			

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3.16     YES   HRDOW
 L0005704         0   0.25641E-01  593526.2 4123287.5    86.1     3.40     8.37
3.16     YES   HRDOW
 L0005705         0   0.25641E-01  593508.2 4123287.7    86.5     3.40     8.37
3.16     YES   HRDOW
 L0005706         0   0.25641E-01  593490.2 4123287.9    86.8     3.40     8.37
3.16     YES   HRDOW
 L0005707         0   0.25641E-01  593472.2 4123288.2    86.6     3.40     8.37
3.16     YES   HRDOW
 L0005708         0   0.25641E-01  593454.2 4123288.4    85.6     3.40     8.37
3.16     YES   HRDOW
 L0005709         0   0.25641E-01  593436.2 4123288.6    84.6     3.40     8.37
3.16     YES   HRDOW
 L0005710         0   0.25641E-01  593418.2 4123288.8    84.2     3.40     8.37
3.16     YES   HRDOW
 L0005711         0   0.25641E-01  593400.2 4123289.0    84.9     3.40     8.37
3.16     YES   HRDOW
 L0005712         0   0.25641E-01  593382.2 4123289.3    86.2     3.40     8.37
3.16     YES   HRDOW
 L0005713         0   0.25641E-01  593372.2 4123282.1    86.9     3.40     8.37
3.16     YES   HRDOW
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                SOURCE IDs
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  OFFSITES   L0006550    , L0006551    , L0006552    , L0006553    , L0006554    ,
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L0006571    , L0006572    , L0006573    ,

             L0006574    , L0006575    , L0006576    , L0006577    , L0006578    ,
L0006579    , L0006580    , L0006581    ,

             L0006582    , L0006583    , L0006584    , L0006585    , L0006586    ,
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L0006603    , L0006604    , L0006605    ,

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L0006611    , L0006612    , L0006613    ,

  P1ON       L0005351    , L0005352    , L0005353    , L0005354    , L0005355    ,
L0005356    , L0005357    , L0005358    ,

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L0005364    , L0005365    , L0005366    ,

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L0005388    , L0005389    , L0005390    ,

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L0005396    , L0005397    , L0005398    ,

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L0005444    , L0005445    , L0005446    ,
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005463 , L0005464 , L0005465 , L0005466 , L0005467 , L0005468 , L0005469 , L0005470 ,
	L0005471 , L0005472 , L0005473 , L0005474 , L0005475 , L0005476 , L0005477 , L0005478 ,
	L0005479 , L0005480 , L0005481 , L0005482 , L0005483 , L0005484 ,
P2ON	L0006501 , L0006502 , L0006503 , L0006504 , L0006505 , L0006506 , L0006507 , L0006508 ,
	L0006509 , L0006510 , L0006511 , L0006512 , L0006513 , L0006514 , L0006515 , L0006516 ,
	L0006517 , L0006518 , L0006519 , L0006520 , L0006521 , L0006522 , L0006523 , L0006524 ,
	L0006525 , L0006526 , L0006527 , L0006528 , L0006529 , L0006530 , L0006531 , L0006532 ,
	L0006533 , L0006534 , L0006535 , L0006536 , L0006537 , L0006538 , L0006539 , L0006540 ,
	L0006541 , L0006542 , L0006543 , L0006544 , L0006545 , L0006546 , L0006547 , L0006548 ,
	L0006549 ,
P3ON	L0005675 , L0005676 , L0005677 , L0005678 , L0005679 , L0005680 , L0005681 , L0005682 ,

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L0005696    , L0005697    , L0005698    ,

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L0005704    , L0005705    , L0005706    ,

             L0005707    , L0005708    , L0005709    , L0005710    , L0005711    ,
L0005712    , L0005713    ,

  OFFSITEL   L0006614    , L0006615    , L0006616    , L0006617    , L0006618    ,
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID                                          SOURCE IDs
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L0006627    , L0006628    , L0006629    ,

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L0006551    , L0006552    , L0006553    ,

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L0006559    , L0006560    , L0006561    ,

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L0006567    , L0006568    , L0006569    ,
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L0006591    , L0006592    , L0006593    ,

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L0006607    , L0006608    , L0006609    ,

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L0005376    , L0005377    , L0005378    ,

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L0005384    , L0005385    , L0005386    ,

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L0005392    , L0005393    , L0005394    ,

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L0005408    , L0005409    , L0005410    ,

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L0005416    , L0005417    , L0005418    ,

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L0005424    , L0005425    , L0005426    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005459 , L0005460 , L0005461 , L0005462 , L0005463 , L0005464 , L0005465 , L0005466 ,
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	L0005475 , L0005476 , L0005477 , L0005478 , L0005479 , L0005480 , L0005481 , L0005482 ,
	L0005483 , L0005484 , L0006501 , L0006502 , L0006503 , L0006504 , L0006505 , L0006506 ,
	L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 , L0006514 ,
	L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 , L0006522 ,
	L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , L0006529 , L0006530 ,
	L0006531 , L0006532 , L0006533 , L0006534 , L0006535 , L0006536 , L0006537 , L0006538 ,
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L0005693 , L0005694 , L0005695 ,

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L0005701 , L0005702 , L0005703 ,

L0005704 , L0005705 , L0005706 , L0005707 , L0005708 ,
L0005709 , L0005710 , L0005711 ,

L0005712 , L0005713 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 ,
		L0006630 , L0006631 , L0006632 , L0006633 , L0006550 , L0006551 , L0006552 , L0006553 ,
		L0006554 , L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 ,
		L0006562 , L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 ,
		L0006570 , L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 ,

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L0006599    , L0006600    , L0006601    ,

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L0006607    , L0006608    , L0006609    ,

             L0006610    , L0006611    , L0006612    , L0006613    , L0005351    ,
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             L0005363    , L0005364    , L0005365    , L0005366    , L0005367    ,
L0005368    , L0005369    , L0005370    ,

             L0005371    , L0005372    , L0005373    , L0005374    , L0005375    ,
L0005376    , L0005377    , L0005378    ,

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L0005384    , L0005385    , L0005386    ,

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L0005392    , L0005393    , L0005394    ,

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             L0005403    , L0005404    , L0005405    , L0005406    , L0005407    ,
L0005408    , L0005409    , L0005410    ,

             L0005411    , L0005412    , L0005413    , L0005414    , L0005415    ,
L0005416    , L0005417    , L0005418    ,

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L0005424    , L0005425    , L0005426    ,
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0005435 , L0005436 , L0005437 , L0005438 , L0005439 , L0005440 , L0005441 , L0005442 ,
		L0005443 , L0005444 , L0005445 , L0005446 , L0005447 , L0005448 , L0005449 , L0005450 ,
		L0005451 , L0005452 , L0005453 , L0005454 , L0005455 , L0005456 , L0005457 , L0005458 ,
		L0005459 , L0005460 , L0005461 , L0005462 , L0005463 , L0005464 , L0005465 , L0005466 ,
		L0005467 , L0005468 , L0005469 , L0005470 , L0005471 , L0005472 , L0005473 , L0005474 ,
		L0005475 , L0005476 , L0005477 , L0005478 , L0005479 , L0005480 , L0005481 , L0005482 ,
		L0005483 , L0005484 , L0006501 , L0006502 , L0006503 , L0006504 , L0006505 , L0006506 ,
		L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 , L0006514 ,
		L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 , L0006522 ,
		L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , L0006529 , L0006530 ,
		L0006531 , L0006532 , L0006533 , L0006534 , L0006535 , L0006536 , L0006537 , L0006538 ,
		L0006539 , L0006540 , L0006541 , L0006542 , L0006543 , L0006544 , L0006545 , L0006546 ,
		L0006547 , L0006548 , L0006549 , L0005675 , L0005676 , L0005677 , L0005678 , L0005679 ,
		L0005680 , L0005681 , L0005682 , L0005683 , L0005684 ,

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L0005685    , L0005686    , L0005687    ,

             L0005688    , L0005689    , L0005690    , L0005691    , L0005692    ,
L0005693    , L0005694    , L0005695    ,

             L0005696    , L0005697    , L0005698    , L0005699    , L0005700    ,
L0005701    , L0005702    , L0005703    ,

             L0005704    , L0005705    , L0005706    , L0005707    , L0005708    ,
L0005709    , L0005710    , L0005711    ,

             L0005712    , L0005713    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006614     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006615   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006616   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006617     ; SOURCE TYPE = VOLUME    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006618     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006619   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006620   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006621 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006622     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006623   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006624   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006625     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006626     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006627     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006628     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006629     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006630     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
```

OF WEEK (HRDOW) *

 SOURCE ID = L0006631   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006632   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006633     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006550   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0006551     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006552     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006553     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006554 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006555 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006556 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006557     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006558   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006559   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006560     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006561   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006562 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006563 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006564     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006565   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006566 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006567 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006568     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006569   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 SOURCE ID = L0006570   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006571   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006572     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006573   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0006574     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006575     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006576   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006577   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006578   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006579     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006580   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006581   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006582   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006583 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006584     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006585 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006586 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006587 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006588     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006589   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006590   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006591     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006592     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006593 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```


* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006594 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006595     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006596   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

 SOURCE ID = L0006597   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006598   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006599   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006600   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0006601     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006602     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006603     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006604 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006605 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006606 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006607     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006608   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006609   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006610     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006611     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006612 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006613 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005351     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005352   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005353 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005354 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005355     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005356   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005357     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005358     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005359     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005360   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0005361     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005362     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005363   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005364   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005365   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005366     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005367   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005368   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005369   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005370 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005371     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005372 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005373 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005374   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005375     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005376 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005377 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005378     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005379     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005380     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005381     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005382   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005383     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
```

OF WEEK (HRDOW) *

 SOURCE ID = L0005384   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005385   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005386   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005387   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0005388     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005389     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005390     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005391 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005392 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005393     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005394     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005395   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                   DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                   DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                   DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005396   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005397     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005398     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005399 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005400 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005401     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005402 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005403 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005404 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005406   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005409     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005410   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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 SOURCE ID = L0005411     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 161
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005412     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005413   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005414   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005415   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005416     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005417   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005418   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005419   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005420 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005421     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005422 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005423 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005424   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005425 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005426 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005427 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005429     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005430     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005431     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005432     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005433   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

 SOURCE ID = L0005434   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005435   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005436   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005437   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0005438     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005439     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005440     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005441 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005443 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 193
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005444     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005445   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005446   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005447     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005448     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005449 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005450 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005451     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005452   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005453     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005454     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005455     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005456   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 208
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005459     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005460   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0005461     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005462     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005463     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005464   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005465   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005466     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005467   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005468   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005469   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005470 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005471     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005472 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005473 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005474 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005475   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01

9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01

9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005476 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005477 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005478   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005479     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005480 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005481 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005482     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005483   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

 SOURCE ID = L0005484   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006501   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006502   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006503     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0006504     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 238
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006505     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006506     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006507 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006508 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006509 ; SOURCE TYPE = VOLUME :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006510     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006511   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006512   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006513     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006514     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006515   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006516   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006517     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006518     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006519     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006520     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006522   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006523     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006524     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006525     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006526   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = L0006527     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006528     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006529   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006530   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006531   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006532     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006533   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006534   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006535   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006536 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 270
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006537     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006538 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006539 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006540   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006541   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                          DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006542 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006543 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 277
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006544     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006545     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                  PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006546     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006547     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 281
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006548     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006549   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

 SOURCE ID = L0005675   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005676   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005677   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005678 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0005679     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005680     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005681     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005682 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005683 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42

                                   PAGE 292
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005684     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 293
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005685     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005686   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005687   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005688     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005689     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005690 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005691 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005692     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005693   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005694 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005695 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005696     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005697   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005698     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                 PAGE 307
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005699     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

                                  PAGE 308
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005700     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005701   ; SOURCE TYPE = VOLUME   :

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0005702     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005703     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005704   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005705   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005706   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005707     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005708   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005709   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0005710   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005711 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0005712     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005713 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592567.6, 4122799.9, 96.8, 96.8, 0.0); (592607.6, 4122799.9, 96.3, 96.3, 0.0);
(592647.6, 4122799.9, 96.1, 96.1, 0.0); (592687.6, 4122799.9, 95.4, 95.4, 0.0);

```
     ( 592727.6, 4122799.9,      95.2,      95.2,       0.0);         ( 592767.6,
4122799.9,      94.9,      94.9,       0.0);
     ( 592807.6, 4122799.9,      94.4,      94.4,       0.0);         ( 592847.6,
4122799.9,      94.5,      94.5,       0.0);
     ( 592887.6, 4122799.9,      94.1,      94.1,       0.0);         ( 592927.6,
4122799.9,      93.5,      93.5,       0.0);
     ( 592967.6, 4122799.9,      93.0,      93.0,       0.0);         ( 593007.6,
4122799.9,      92.8,      92.8,       0.0);
     ( 593047.6, 4122799.9,      92.3,      92.3,       0.0);         ( 593087.6,
4122799.9,      92.1,      92.1,       0.0);
     ( 593127.6, 4122799.9,      91.8,      91.8,       0.0);         ( 593167.6,
4122799.9,      91.6,      91.6,       0.0);
     ( 593207.6, 4122799.9,      91.2,      91.2,       0.0);         ( 593247.6,
4122799.9,      90.9,      90.9,       0.0);
     ( 593287.6, 4122799.9,      91.0,      91.0,       0.0);         ( 593327.6,
4122799.9,      90.8,      90.8,       0.0);
     ( 593367.6, 4122799.9,      90.4,      90.4,       0.0);         ( 593407.6,
4122799.9,      89.8,      89.8,       0.0);
     ( 593447.6, 4122799.9,      89.8,      89.8,       0.0);         ( 593487.6,
4122799.9,      89.7,      89.7,       0.0);
     ( 593527.6, 4122799.9,      89.5,      89.5,       0.0);         ( 593567.6,
4122799.9,      89.0,      89.0,       0.0);
     ( 593607.6, 4122799.9,      88.7,      88.7,       0.0);         ( 593647.6,
4122799.9,      88.2,      88.2,       0.0);
     ( 593687.6, 4122799.9,      88.1,      88.1,       0.0);         ( 593727.6,
4122799.9,      88.2,      88.2,       0.0);
     ( 593767.6, 4122799.9,      87.8,      87.8,       0.0);         ( 593807.6,
4122799.9,      87.9,      87.9,       0.0);
     ( 593847.6, 4122799.9,      87.5,      87.5,       0.0);         ( 593887.6,
4122799.9,      87.1,      87.1,       0.0);
     ( 593927.6, 4122799.9,      86.6,      86.6,       0.0);         ( 593967.6,
4122799.9,      86.1,      86.1,       0.0);
     ( 594007.6, 4122799.9,      86.0,      86.0,       0.0);         ( 592567.6,
4122839.9,      96.6,      96.6,       0.0);
     ( 592607.6, 4122839.9,      96.1,      96.1,       0.0);         ( 592647.6,
4122839.9,      95.9,      95.9,       0.0);
     ( 592687.6, 4122839.9,      95.6,      95.6,       0.0);         ( 592727.6,
4122839.9,      95.2,      95.2,       0.0);
     ( 592767.6, 4122839.9,      94.5,      94.5,       0.0);         ( 592807.6,
4122839.9,      94.4,      94.4,       0.0);
     ( 592847.6, 4122839.9,      94.3,      94.3,       0.0);         ( 592887.6,
4122839.9,      94.1,      94.1,       0.0);
     ( 592927.6, 4122839.9,      93.6,      93.6,       0.0);         ( 592967.6,
4122839.9,      93.1,      93.1,       0.0);
     ( 593007.6, 4122839.9,      92.2,      92.2,       0.0);         ( 593047.6,
4122839.9,      91.7,      91.7,       0.0);
     ( 593087.6, 4122839.9,      92.0,      92.0,       0.0);         ( 593127.6,
4122839.9,      91.7,      91.7,       0.0);
     ( 593167.6, 4122839.9,      91.4,      91.4,       0.0);         ( 593207.6,
4122839.9,      91.0,      91.0,       0.0);
```

(593247.6, 4122839.9, 90.7, 90.7, 0.0); (593287.6, 4122839.9, 90.5, 90.5, 0.0);
(593327.6, 4122839.9, 90.4, 90.4, 0.0); (593367.6, 4122839.9, 90.0, 90.0, 0.0);
(593407.6, 4122839.9, 89.5, 89.5, 0.0); (593447.6, 4122839.9, 89.4, 89.4, 0.0);
(593487.6, 4122839.9, 89.3, 89.3, 0.0); (593527.6, 4122839.9, 89.0, 89.0, 0.0);
(593567.6, 4122839.9, 88.5, 88.5, 0.0); (593607.6, 4122839.9, 88.2, 88.2, 0.0);
(593647.6, 4122839.9, 87.5, 87.5, 0.0); (593687.6, 4122839.9, 87.3, 87.3, 0.0);
(593727.6, 4122839.9, 87.5, 87.5, 0.0); (593767.6, 4122839.9, 87.3, 87.3, 0.0);
(593807.6, 4122839.9, 87.4, 87.4, 0.0); (593847.6, 4122839.9, 87.1, 87.1, 0.0);
(593887.6, 4122839.9, 86.9, 86.9, 0.0); (593927.6, 4122839.9, 86.5, 86.5, 0.0);
(593967.6, 4122839.9, 86.0, 86.0, 0.0); (594007.6, 4122839.9, 86.0, 86.0, 0.0);
(592567.6, 4122879.9, 96.3, 96.3, 0.0); (592607.6, 4122879.9, 95.8, 95.8, 0.0);
(592647.6, 4122879.9, 95.8, 95.8, 0.0); (592687.6, 4122879.9, 95.7, 95.7, 0.0);
(592727.6, 4122879.9, 94.9, 94.9, 0.0); (592767.6, 4122879.9, 94.4, 94.4, 0.0);
(592807.6, 4122879.9, 94.3, 94.3, 0.0); (592847.6, 4122879.9, 93.9, 93.9, 0.0);
(592887.6, 4122879.9, 93.5, 93.5, 0.0); (592927.6, 4122879.9, 93.1, 93.1, 0.0);
(592967.6, 4122879.9, 92.7, 92.7, 0.0); (593007.6, 4122879.9, 92.3, 92.3, 0.0);
(593047.6, 4122879.9, 91.8, 91.8, 0.0); (593087.6, 4122879.9, 91.9, 91.9, 0.0);
(593127.6, 4122879.9, 91.8, 91.8, 0.0); (593167.6, 4122879.9, 91.1, 91.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593207.6, 4122879.9, 91.0, 91.0, 0.0); (593247.6, 4122879.9, 90.5, 90.5, 0.0);

```
     ( 593287.6, 4122879.9,      90.2,      90.2,       0.0);         ( 593327.6,
4122879.9,      89.9,      89.9,       0.0);
     ( 593367.6, 4122879.9,      89.7,      89.7,       0.0);         ( 593407.6,
4122879.9,      89.3,      89.3,       0.0);
     ( 593447.6, 4122879.9,      89.2,      89.2,       0.0);         ( 593487.6,
4122879.9,      89.0,      89.0,       0.0);
     ( 593527.6, 4122879.9,      88.6,      88.6,       0.0);         ( 593567.6,
4122879.9,      88.0,      88.0,       0.0);
     ( 593607.6, 4122879.9,      87.9,      87.9,       0.0);         ( 593647.6,
4122879.9,      87.2,      87.2,       0.0);
     ( 593687.6, 4122879.9,      86.8,      86.8,       0.0);         ( 593727.6,
4122879.9,      86.9,      86.9,       0.0);
     ( 593767.6, 4122879.9,      86.7,      86.7,       0.0);         ( 593807.6,
4122879.9,      86.9,      86.9,       0.0);
     ( 593847.6, 4122879.9,      86.8,      86.8,       0.0);         ( 593887.6,
4122879.9,      86.6,      86.6,       0.0);
     ( 593927.6, 4122879.9,      86.3,      86.3,       0.0);         ( 593967.6,
4122879.9,      85.8,      85.8,       0.0);
     ( 594007.6, 4122879.9,      85.8,      85.8,       0.0);         ( 592567.6,
4122919.9,      96.1,      96.1,       0.0);
     ( 592607.6, 4122919.9,      95.8,      95.8,       0.0);         ( 592647.6,
4122919.9,      95.4,      95.4,       0.0);
     ( 592687.6, 4122919.9,      95.0,      95.0,       0.0);         ( 592727.6,
4122919.9,      94.5,      94.5,       0.0);
     ( 592767.6, 4122919.9,      94.2,      94.2,       0.0);         ( 592807.6,
4122919.9,      94.1,      94.1,       0.0);
     ( 592847.6, 4122919.9,      93.6,      93.6,       0.0);         ( 592887.6,
4122919.9,      93.5,      93.5,       0.0);
     ( 592927.6, 4122919.9,      92.5,      92.5,       0.0);         ( 592967.6,
4122919.9,      92.0,      92.0,       0.0);
     ( 593007.6, 4122919.9,      92.0,      92.0,       0.0);         ( 593047.6,
4122919.9,      92.1,      92.1,       0.0);
     ( 593087.6, 4122919.9,      91.8,      91.8,       0.0);         ( 593127.6,
4122919.9,      91.5,      91.5,       0.0);
     ( 593167.6, 4122919.9,      90.7,      90.7,       0.0);         ( 593207.6,
4122919.9,      90.8,      90.8,       0.0);
     ( 593247.6, 4122919.9,      90.2,      90.2,       0.0);         ( 593287.6,
4122919.9,      90.1,      90.1,       0.0);
     ( 593327.6, 4122919.9,      89.5,      89.5,       0.0);         ( 593367.6,
4122919.9,      89.4,      89.4,       0.0);
     ( 593407.6, 4122919.9,      89.1,      89.1,       0.0);         ( 593447.6,
4122919.9,      88.8,      88.8,       0.0);
     ( 593487.6, 4122919.9,      88.5,      88.5,       0.0);         ( 593527.6,
4122919.9,      88.1,      88.1,       0.0);
     ( 593567.6, 4122919.9,      87.6,      87.6,       0.0);         ( 593607.6,
4122919.9,      87.5,      87.5,       0.0);
     ( 593647.6, 4122919.9,      87.1,      87.1,       0.0);         ( 593687.6,
4122919.9,      86.6,      86.6,       0.0);
     ( 593727.6, 4122919.9,      86.3,      86.3,       0.0);         ( 593767.6,
4122919.9,      86.1,      86.1,       0.0);
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     ( 593807.6, 4122919.9,      86.2,      86.2,       0.0);         ( 593847.6,
4122919.9,      86.3,      86.3,       0.0);
     ( 593887.6, 4122919.9,      86.2,      86.2,       0.0);         ( 593927.6,
4122919.9,      86.0,      86.0,       0.0);
     ( 593967.6, 4122919.9,      85.6,      85.6,       0.0);         ( 594007.6,
4122919.9,      85.4,      85.4,       0.0);
     ( 592567.6, 4122959.9,      95.3,      95.3,       0.0);         ( 592607.6,
4122959.9,      95.4,      95.4,       0.0);
     ( 592647.6, 4122959.9,      95.1,      95.1,       0.0);         ( 592687.6,
4122959.9,      94.7,      94.7,       0.0);
     ( 592727.6, 4122959.9,      94.2,      94.2,       0.0);         ( 592767.6,
4122959.9,      94.0,      94.0,       0.0);
     ( 592807.6, 4122959.9,      93.9,      93.9,       0.0);         ( 592847.6,
4122959.9,      93.4,      93.4,       0.0);
     ( 592887.6, 4122959.9,      93.3,      93.3,       0.0);         ( 592927.6,
4122959.9,      92.7,      92.7,       0.0);
     ( 592967.6, 4122959.9,      92.2,      92.2,       0.0);         ( 593007.6,
4122959.9,      91.8,      91.8,       0.0);
     ( 593047.6, 4122959.9,      91.6,      91.6,       0.0);         ( 593087.6,
4122959.9,      91.8,      91.8,       0.0);
     ( 593127.6, 4122959.9,      91.2,      91.2,       0.0);         ( 593167.6,
4122959.9,      90.5,      90.5,       0.0);
     ( 593207.6, 4122959.9,      90.4,      90.4,       0.0);         ( 593247.6,
4122959.9,      89.8,      89.8,       0.0);
     ( 593287.6, 4122959.9,      89.7,      89.7,       0.0);         ( 593327.6,
4122959.9,      89.0,      89.0,       0.0);
     ( 593367.6, 4122959.9,      89.2,      89.2,       0.0);         ( 593407.6,
4122959.9,      88.8,      88.8,       0.0);
     ( 593447.6, 4122959.9,      88.7,      88.7,       0.0);         ( 593487.6,
4122959.9,      88.2,      88.2,       0.0);
     ( 593527.6, 4122959.9,      88.1,      88.1,       0.0);         ( 593567.6,
4122959.9,      87.4,      87.4,       0.0);
     ( 593607.6, 4122959.9,      87.5,      87.5,       0.0);         ( 593647.6,
4122959.9,      87.3,      87.3,       0.0);
     ( 593687.6, 4122959.9,      87.0,      87.0,       0.0);         ( 593727.6,
4122959.9,      86.5,      86.5,       0.0);
     ( 593767.6, 4122959.9,      86.1,      86.1,       0.0);         ( 593807.6,
4122959.9,      86.0,      86.0,       0.0);
```


*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 593847.6, 4122959.9,      85.7,      85.7,       0.0);         ( 593887.6,
4122959.9,      85.6,      85.6,       0.0);
     ( 593927.6, 4122959.9,      85.6,      85.6,       0.0);         ( 593967.6,
4122959.9,      85.2,      85.2,       0.0);
     ( 594007.6, 4122959.9,      85.1,      85.1,       0.0);         ( 592567.6,
4122999.9,      93.3,      93.3,       0.0);
     ( 592607.6, 4122999.9,      95.0,      95.0,       0.0);         ( 592647.6,
4122999.9,      94.9,      94.9,       0.0);
     ( 592687.6, 4122999.9,      94.6,      94.6,       0.0);         ( 592727.6,
4122999.9,      94.1,      94.1,       0.0);
     ( 592767.6, 4122999.9,      93.8,      93.8,       0.0);         ( 592807.6,
4122999.9,      93.6,      93.6,       0.0);
     ( 592847.6, 4122999.9,      93.2,      93.2,       0.0);         ( 592887.6,
4122999.9,      92.9,      92.9,       0.0);
     ( 592927.6, 4122999.9,      92.5,      92.5,       0.0);         ( 592967.6,
4122999.9,      92.2,      92.2,       0.0);
     ( 593007.6, 4122999.9,      91.8,      91.8,       0.0);         ( 593047.6,
4122999.9,      91.6,      91.6,       0.0);
     ( 593087.6, 4122999.9,      91.9,      91.9,       0.0);         ( 593127.6,
4122999.9,      91.0,      91.0,       0.0);
     ( 593167.6, 4122999.9,      90.3,      90.3,       0.0);         ( 593207.6,
4122999.9,      90.2,      90.2,       0.0);
     ( 593247.6, 4122999.9,      89.5,      89.5,       0.0);         ( 593287.6,
4122999.9,      89.5,      89.5,       0.0);
     ( 593327.6, 4122999.9,      88.8,      88.8,       0.0);         ( 593367.6,
4122999.9,      88.9,      88.9,       0.0);
     ( 593407.6, 4122999.9,      88.3,      88.3,       0.0);         ( 593447.6,
4122999.9,      88.4,      88.4,       0.0);
     ( 593487.6, 4122999.9,      87.8,      87.8,       0.0);         ( 593527.6,
4122999.9,      87.7,      87.7,       0.0);
     ( 593567.6, 4122999.9,      86.9,      86.9,       0.0);         ( 593607.6,
4122999.9,      86.8,      86.8,       0.0);
     ( 593647.6, 4122999.9,      86.7,      86.7,       0.0);         ( 593687.6,
4122999.9,      86.3,      86.3,       0.0);
     ( 593727.6, 4122999.9,      85.8,      85.8,       0.0);         ( 593767.6,
4122999.9,      85.3,      85.3,       0.0);
     ( 593807.6, 4122999.9,      85.0,      85.0,       0.0);         ( 593847.6,
4122999.9,      84.7,      84.7,       0.0);
     ( 593887.6, 4122999.9,      84.8,      84.8,       0.0);         ( 593927.6,
4122999.9,      85.0,      85.0,       0.0);
     ( 593967.6, 4122999.9,      84.6,      84.6,       0.0);         ( 594007.6,
4122999.9,      84.7,      84.7,       0.0);
     ( 592567.6, 4123039.9,      92.2,      92.2,       0.0);         ( 592607.6,
4123039.9,      94.3,      94.3,       0.0);
     ( 592647.6, 4123039.9,      94.7,      94.7,       0.0);         ( 592687.6,
4123039.9,      94.4,      94.4,       0.0);
     ( 592727.6, 4123039.9,      94.0,      94.0,       0.0);         ( 592767.6,
4123039.9,      93.5,      93.5,       0.0);
     ( 592807.6, 4123039.9,      93.1,      93.1,       0.0);         ( 592847.6,
4123039.9,      92.9,      92.9,       0.0);
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     ( 592887.6, 4123039.9,      92.6,      92.6,       0.0);         ( 592927.6,
4123039.9,      92.3,      92.3,       0.0);
     ( 592967.6, 4123039.9,      92.0,      92.0,       0.0);         ( 593007.6,
4123039.9,      91.6,      91.6,       0.0);
     ( 593047.6, 4123039.9,      91.5,      91.5,       0.0);         ( 593087.6,
4123039.9,      91.7,      91.7,       0.0);
     ( 593127.6, 4123039.9,      90.7,      90.7,       0.0);         ( 593167.6,
4123039.9,      90.0,      90.0,       0.0);
     ( 593207.6, 4123039.9,      89.7,      89.7,       0.0);         ( 593247.6,
4123039.9,      89.2,      89.2,       0.0);
     ( 593287.6, 4123039.9,      89.3,      89.3,       0.0);         ( 593327.6,
4123039.9,      88.6,      88.6,       0.0);
     ( 593367.6, 4123039.9,      88.7,      88.7,       0.0);         ( 593407.6,
4123039.9,      88.1,      88.1,       0.0);
     ( 593447.6, 4123039.9,      88.1,      88.1,       0.0);         ( 593487.6,
4123039.9,      87.5,      87.5,       0.0);
     ( 593527.6, 4123039.9,      87.4,      87.4,       0.0);         ( 593567.6,
4123039.9,      86.6,      86.6,       0.0);
     ( 593607.6, 4123039.9,      86.6,      86.6,       0.0);         ( 593647.6,
4123039.9,      86.4,      86.4,       0.0);
     ( 593687.6, 4123039.9,      86.1,      86.1,       0.0);         ( 593727.6,
4123039.9,      85.7,      85.7,       0.0);
     ( 593767.6, 4123039.9,      85.3,      85.3,       0.0);         ( 593807.6,
4123039.9,      84.8,      84.8,       0.0);
     ( 593847.6, 4123039.9,      84.2,      84.2,       0.0);         ( 593887.6,
4123039.9,      84.2,      84.2,       0.0);
     ( 593927.6, 4123039.9,      84.4,      84.4,       0.0);         ( 593967.6,
4123039.9,      84.0,      84.0,       0.0);
     ( 594007.6, 4123039.9,      84.2,      84.2,       0.0);         ( 592567.6,
4123079.9,      91.6,      91.6,       0.0);
     ( 592607.6, 4123079.9,      92.7,      92.7,       0.0);         ( 592647.6,
4123079.9,      94.3,      94.3,       0.0);
     ( 592687.6, 4123079.9,      94.1,      94.1,       0.0);         ( 592727.6,
4123079.9,      93.8,      93.8,       0.0);
     ( 592767.6, 4123079.9,      93.3,      93.3,       0.0);         ( 592807.6,
4123079.9,      93.0,      93.0,       0.0);
     ( 592847.6, 4123079.9,      92.7,      92.7,       0.0);         ( 592887.6,
4123079.9,      92.3,      92.3,       0.0);
     ( 592927.6, 4123079.9,      92.0,      92.0,       0.0);         ( 592967.6,
4123079.9,      91.8,      91.8,       0.0);
```


*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(593007.6, 4123079.9, 91.5, 91.5, 0.0); (593047.6, 4123079.9, 91.2, 91.2, 0.0);
(593087.6, 4123079.9, 91.0, 91.0, 0.0); (593127.6, 4123079.9, 90.5, 90.5, 0.0);
(593167.6, 4123079.9, 90.2, 90.2, 0.0); (593207.6, 4123079.9, 89.7, 89.7, 0.0);
(593247.6, 4123079.9, 89.1, 89.1, 0.0); (593287.6, 4123079.9, 89.1, 89.1, 0.0);
(593327.6, 4123079.9, 88.4, 88.4, 0.0); (593367.6, 4123079.9, 88.5, 88.5, 0.0);
(593407.6, 4123079.9, 87.9, 87.9, 0.0); (593447.6, 4123079.9, 88.0, 88.0, 0.0);
(593487.6, 4123079.9, 87.3, 87.3, 0.0); (593527.6, 4123079.9, 87.1, 87.1, 0.0);
(593567.6, 4123079.9, 86.2, 86.2, 0.0); (593607.6, 4123079.9, 86.2, 86.2, 0.0);
(593647.6, 4123079.9, 86.0, 86.0, 0.0); (593687.6, 4123079.9, 85.8, 85.8, 0.0);
(593727.6, 4123079.9, 85.5, 85.5, 0.0); (593767.6, 4123079.9, 85.2, 85.2, 0.0);
(593807.6, 4123079.9, 84.5, 84.5, 0.0); (593847.6, 4123079.9, 83.9, 83.9, 0.0);
(593887.6, 4123079.9, 83.8, 83.8, 0.0); (593927.6, 4123079.9, 83.8, 83.8, 0.0);
(593967.6, 4123079.9, 83.5, 83.5, 0.0); (594007.6, 4123079.9, 83.7, 83.7, 0.0);
(592567.6, 4123119.9, 91.3, 91.3, 0.0); (592607.6, 4123119.9, 91.4, 91.4, 0.0);
(592647.6, 4123119.9, 92.8, 92.8, 0.0); (592687.6, 4123119.9, 93.8, 93.8, 0.0);
(592727.6, 4123119.9, 93.6, 93.6, 0.0); (592767.6, 4123119.9, 93.2, 93.2, 0.0);
(592807.6, 4123119.9, 92.9, 92.9, 0.0); (592847.6, 4123119.9, 92.6, 92.6, 0.0);
(592887.6, 4123119.9, 92.1, 92.1, 0.0); (592927.6, 4123119.9, 91.8, 91.8, 0.0);
(592967.6, 4123119.9, 91.5, 91.5, 0.0); (593007.6, 4123119.9, 91.3, 91.3, 0.0);
(593047.6, 4123119.9, 91.0, 91.0, 0.0); (593087.6, 4123119.9, 90.6, 90.6, 0.0);
(593127.6, 4123119.9, 90.1, 90.1, 0.0); (593167.6, 4123119.9, 89.7, 89.7, 0.0);
(593207.6, 4123119.9, 89.4, 89.4, 0.0); (593247.6, 4123119.9, 88.8, 88.8, 0.0);
(593287.6, 4123119.9, 88.8, 88.8, 0.0); (593327.6, 4123119.9, 88.2, 88.2, 0.0);
(593367.6, 4123119.9, 88.2, 88.2, 0.0); (593407.6, 4123119.9, 87.7, 87.7, 0.0);

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     ( 593447.6, 4123119.9,      87.6,      87.6,       0.0);         ( 593487.6,
4123119.9,      87.0,      87.0,       0.0);
     ( 593527.6, 4123119.9,      86.7,      86.7,       0.0);         ( 593567.6,
4123119.9,      85.9,      85.9,       0.0);
     ( 593607.6, 4123119.9,      85.8,      85.8,       0.0);         ( 593647.6,
4123119.9,      85.6,      85.6,       0.0);
     ( 593687.6, 4123119.9,      85.4,      85.4,       0.0);         ( 593727.6,
4123119.9,      85.2,      85.2,       0.0);
     ( 593767.6, 4123119.9,      84.9,      84.9,       0.0);         ( 593807.6,
4123119.9,      84.3,      84.3,       0.0);
     ( 593847.6, 4123119.9,      83.6,      83.6,       0.0);         ( 593887.6,
4123119.9,      83.5,      83.5,       0.0);
     ( 593927.6, 4123119.9,      83.4,      83.4,       0.0);         ( 593967.6,
4123119.9,      83.0,      83.0,       0.0);
     ( 594007.6, 4123119.9,      83.3,      83.3,       0.0);         ( 592567.6,
4123159.9,      90.9,      90.9,       0.0);
     ( 592607.6, 4123159.9,      90.8,      90.8,       0.0);         ( 592647.6,
4123159.9,      91.1,      91.1,       0.0);
     ( 592687.6, 4123159.9,      93.0,      93.0,       0.0);         ( 592727.6,
4123159.9,      93.2,      93.2,       0.0);
     ( 592767.6, 4123159.9,      93.0,      93.0,       0.0);         ( 592807.6,
4123159.9,      92.7,      92.7,       0.0);
     ( 592847.6, 4123159.9,      92.4,      92.4,       0.0);         ( 592887.6,
4123159.9,      92.0,      92.0,       0.0);
     ( 592927.6, 4123159.9,      91.6,      91.6,       0.0);         ( 592967.6,
4123159.9,      91.3,      91.3,       0.0);
     ( 593007.6, 4123159.9,      90.9,      90.9,       0.0);         ( 593047.6,
4123159.9,      90.9,      90.9,       0.0);
     ( 593087.6, 4123159.9,      90.6,      90.6,       0.0);         ( 593127.6,
4123159.9,      90.2,      90.2,       0.0);
     ( 593167.6, 4123159.9,      89.6,      89.6,       0.0);         ( 593207.6,
4123159.9,      89.2,      89.2,       0.0);
     ( 593247.6, 4123159.9,      88.7,      88.7,       0.0);         ( 593287.6,
4123159.9,      88.6,      88.6,       0.0);
     ( 593327.6, 4123159.9,      88.3,      88.3,       0.0);         ( 593367.6,
4123159.9,      88.0,      88.0,       0.0);
     ( 593407.6, 4123159.9,      87.6,      87.6,       0.0);         ( 593447.6,
4123159.9,      87.3,      87.3,       0.0);
     ( 593487.6, 4123159.9,      86.9,      86.9,       0.0);         ( 593527.6,
4123159.9,      86.4,      86.4,       0.0);
     ( 593567.6, 4123159.9,      85.6,      85.6,       0.0);         ( 593607.6,
4123159.9,      85.6,      85.6,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       17:51:42

                                   PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593647.6, 4123159.9, 85.4, 85.4, 0.0); (593687.6, 4123159.9, 85.2, 85.2, 0.0);
(593727.6, 4123159.9, 84.9, 84.9, 0.0); (593767.6, 4123159.9, 84.7, 84.7, 0.0);
(593807.6, 4123159.9, 84.2, 84.2, 0.0); (593847.6, 4123159.9, 83.5, 83.5, 0.0);
(593887.6, 4123159.9, 83.1, 83.1, 0.0); (593927.6, 4123159.9, 82.8, 82.8, 0.0);
(593967.6, 4123159.9, 82.5, 82.5, 0.0); (594007.6, 4123159.9, 82.7, 82.7, 0.0);
(592567.6, 4123199.9, 90.8, 90.8, 0.0); (592607.6, 4123199.9, 90.6, 90.6, 0.0);
(592647.6, 4123199.9, 90.5, 90.5, 0.0); (592687.6, 4123199.9, 91.6, 91.6, 0.0);
(592727.6, 4123199.9, 92.8, 92.8, 0.0); (592767.6, 4123199.9, 92.7, 92.7, 0.0);
(592807.6, 4123199.9, 92.4, 92.4, 0.0); (592847.6, 4123199.9, 91.9, 91.9, 0.0);
(592887.6, 4123199.9, 91.6, 91.6, 0.0); (592927.6, 4123199.9, 91.2, 91.2, 0.0);
(592967.6, 4123199.9, 90.8, 90.8, 0.0); (593007.6, 4123199.9, 90.7, 90.7, 0.0);
(593047.6, 4123199.9, 90.4, 90.4, 0.0); (593087.6, 4123199.9, 90.1, 90.1, 0.0);
(593127.6, 4123199.9, 90.1, 90.1, 0.0); (593167.6, 4123199.9, 89.5, 89.5, 0.0);
(593207.6, 4123199.9, 89.0, 89.0, 0.0); (593247.6, 4123199.9, 88.6, 88.6, 0.0);
(593287.6, 4123199.9, 88.4, 88.4, 0.0); (593327.6, 4123199.9, 88.0, 88.0, 0.0);
(593367.6, 4123199.9, 87.8, 87.8, 0.0); (593407.6, 4123199.9, 87.4, 87.4, 0.0);
(593447.6, 4123199.9, 87.1, 87.1, 0.0); (593487.6, 4123199.9, 86.9, 86.9, 0.0);
(593527.6, 4123199.9, 86.1, 86.1, 0.0); (593567.6, 4123199.9, 85.6, 85.6, 0.0);
(593607.6, 4123199.9, 85.5, 85.5, 0.0); (593647.6, 4123199.9, 85.4, 85.4, 0.0);
(593687.6, 4123199.9, 84.7, 84.7, 0.0); (593727.6, 4123199.9, 84.5, 84.5, 0.0);
(593767.6, 4123199.9, 84.3, 84.3, 0.0); (593807.6, 4123199.9, 83.9, 83.9, 0.0);
(593847.6, 4123199.9, 83.5, 83.5, 0.0); (593887.6, 4123199.9, 83.1, 83.1, 0.0);
(593927.6, 4123199.9, 82.6, 82.6, 0.0); (593967.6, 4123199.9, 82.3, 82.3, 0.0);

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     ( 594007.6, 4123199.9,      82.2,      82.2,       0.0);         ( 592567.6,
4123239.9,      90.8,      90.8,       0.0);
     ( 592607.6, 4123239.9,      90.5,      90.5,       0.0);         ( 592647.6,
4123239.9,      89.9,      89.9,       0.0);
     ( 592687.6, 4123239.9,      90.2,      90.2,       0.0);         ( 592727.6,
4123239.9,      91.5,      91.5,       0.0);
     ( 592767.6, 4123239.9,      92.3,      92.3,       0.0);         ( 592807.6,
4123239.9,      92.1,      92.1,       0.0);
     ( 592847.6, 4123239.9,      91.8,      91.8,       0.0);         ( 592887.6,
4123239.9,      92.0,      92.0,       0.0);
     ( 592927.6, 4123239.9,      91.5,      91.5,       0.0);         ( 592967.6,
4123239.9,      90.6,      90.6,       0.0);
     ( 593007.6, 4123239.9,      90.4,      90.4,       0.0);         ( 593047.6,
4123239.9,      90.0,      90.0,       0.0);
     ( 593087.6, 4123239.9,      89.7,      89.7,       0.0);         ( 593127.6,
4123239.9,      89.4,      89.4,       0.0);
     ( 593167.6, 4123239.9,      89.0,      89.0,       0.0);         ( 593207.6,
4123239.9,      88.7,      88.7,       0.0);
     ( 593247.6, 4123239.9,      88.4,      88.4,       0.0);         ( 593287.6,
4123239.9,      88.0,      88.0,       0.0);
     ( 593327.6, 4123239.9,      87.6,      87.6,       0.0);         ( 593367.6,
4123239.9,      87.3,      87.3,       0.0);
     ( 593407.6, 4123239.9,      86.8,      86.8,       0.0);         ( 593447.6,
4123239.9,      86.5,      86.5,       0.0);
     ( 593487.6, 4123239.9,      86.4,      86.4,       0.0);         ( 593527.6,
4123239.9,      85.9,      85.9,       0.0);
     ( 593567.6, 4123239.9,      85.5,      85.5,       0.0);         ( 593607.6,
4123239.9,      85.2,      85.2,       0.0);
     ( 593647.6, 4123239.9,      84.8,      84.8,       0.0);         ( 593687.6,
4123239.9,      84.6,      84.6,       0.0);
     ( 593727.6, 4123239.9,      84.4,      84.4,       0.0);         ( 593767.6,
4123239.9,      84.1,      84.1,       0.0);
     ( 593807.6, 4123239.9,      83.8,      83.8,       0.0);         ( 593847.6,
4123239.9,      83.7,      83.7,       0.0);
     ( 593887.6, 4123239.9,      83.3,      83.3,       0.0);         ( 593927.6,
4123239.9,      82.7,      82.7,       0.0);
     ( 593967.6, 4123239.9,      82.1,      82.1,       0.0);         ( 594007.6,
4123239.9,      81.8,      81.8,       0.0);
     ( 592567.6, 4123279.9,      90.5,      90.5,       0.0);         ( 592607.6,
4123279.9,      90.0,      90.0,       0.0);
     ( 592647.6, 4123279.9,      89.4,      89.4,       0.0);         ( 592687.6,
4123279.9,      89.4,      89.4,       0.0);
     ( 592727.6, 4123279.9,      90.0,      90.0,       0.0);         ( 592767.6,
4123279.9,      91.4,      91.4,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592807.6, 4123279.9, 91.8, 91.8, 0.0); (592847.6, 4123279.9, 91.7, 91.7, 0.0);
(592887.6, 4123279.9, 92.1, 92.1, 0.0); (592927.6, 4123279.9, 91.4, 91.4, 0.0);
(592967.6, 4123279.9, 90.6, 90.6, 0.0); (593007.6, 4123279.9, 90.3, 90.3, 0.0);
(593047.6, 4123279.9, 90.0, 90.0, 0.0); (593087.6, 4123279.9, 89.6, 89.6, 0.0);
(593127.6, 4123279.9, 88.9, 88.9, 0.0); (593167.6, 4123279.9, 88.6, 88.6, 0.0);
(593207.6, 4123279.9, 88.6, 88.6, 0.0); (593247.6, 4123279.9, 88.5, 88.5, 0.0);
(593287.6, 4123279.9, 88.0, 88.0, 0.0); (593327.6, 4123279.9, 87.6, 87.6, 0.0);
(593367.6, 4123279.9, 87.0, 87.0, 0.0); (593407.6, 4123279.9, 85.1, 85.1, 0.0);
(593447.6, 4123279.9, 85.5, 85.5, 0.0); (593487.6, 4123279.9, 86.7, 86.7, 0.0);
(593527.6, 4123279.9, 86.1, 86.1, 0.0); (593567.6, 4123279.9, 85.7, 85.7, 0.0);
(593607.6, 4123279.9, 85.2, 85.2, 0.0); (593647.6, 4123279.9, 84.4, 84.4, 0.0);
(593687.6, 4123279.9, 84.3, 84.3, 0.0); (593727.6, 4123279.9, 84.2, 84.2, 0.0);
(593767.6, 4123279.9, 83.8, 83.8, 0.0); (593807.6, 4123279.9, 83.5, 83.5, 0.0);
(593847.6, 4123279.9, 83.3, 83.3, 0.0); (593887.6, 4123279.9, 82.8, 82.8, 0.0);
(593927.6, 4123279.9, 82.4, 82.4, 0.0); (593967.6, 4123279.9, 81.9, 81.9, 0.0);
(594007.6, 4123279.9, 82.1, 82.1, 0.0); (592567.6, 4123319.9, 89.6, 89.6, 0.0);
(592607.6, 4123319.9, 89.4, 89.4, 0.0); (592647.6, 4123319.9, 89.2, 89.2, 0.0);
(592687.6, 4123319.9, 89.1, 89.1, 0.0); (592727.6, 4123319.9, 89.1, 89.1, 0.0);
(592767.6, 4123319.9, 89.9, 89.9, 0.0); (592807.6, 4123319.9, 91.4, 91.4, 0.0);
(592847.6, 4123319.9, 91.5, 91.5, 0.0); (592887.6, 4123319.9, 91.8, 91.8, 0.0);
(592927.6, 4123319.9, 90.9, 90.9, 0.0); (592967.6, 4123319.9, 90.5, 90.5, 0.0);
(593007.6, 4123319.9, 90.3, 90.3, 0.0); (593047.6, 4123319.9, 89.6, 89.6, 0.0);

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     ( 593087.6, 4123319.9,      89.1,      89.1,       0.0);         ( 593127.6,
4123319.9,      88.6,      88.6,       0.0);
     ( 593167.6, 4123319.9,      88.3,      88.3,       0.0);         ( 593207.6,
4123319.9,      88.5,      88.5,       0.0);
     ( 593247.6, 4123319.9,      88.4,      88.4,       0.0);         ( 593287.6,
4123319.9,      87.7,      87.7,       0.0);
     ( 593327.6, 4123319.9,      87.3,      87.3,       0.0);         ( 593367.6,
4123319.9,      86.2,      86.2,       0.0);
     ( 593407.6, 4123319.9,      83.6,      83.6,       0.0);         ( 593447.6,
4123319.9,      85.1,      85.1,       0.0);
     ( 593487.6, 4123319.9,      86.5,      86.5,       0.0);         ( 593527.6,
4123319.9,      85.9,      85.9,       0.0);
     ( 593567.6, 4123319.9,      85.5,      85.5,       0.0);         ( 593607.6,
4123319.9,      85.1,      85.1,       0.0);
     ( 593647.6, 4123319.9,      84.3,      84.3,       0.0);         ( 593687.6,
4123319.9,      83.9,      83.9,       0.0);
     ( 593727.6, 4123319.9,      83.9,      83.9,       0.0);         ( 593767.6,
4123319.9,      83.5,      83.5,       0.0);
     ( 593807.6, 4123319.9,      83.2,      83.2,       0.0);         ( 593847.6,
4123319.9,      82.9,      82.9,       0.0);
     ( 593887.6, 4123319.9,      82.3,      82.3,       0.0);         ( 593927.6,
4123319.9,      82.0,      82.0,       0.0);
     ( 593967.6, 4123319.9,      81.6,      81.6,       0.0);         ( 594007.6,
4123319.9,      82.3,      82.3,       0.0);
     ( 592567.6, 4123359.9,      89.4,      89.4,       0.0);         ( 592607.6,
4123359.9,      89.1,      89.1,       0.0);
     ( 592647.6, 4123359.9,      89.0,      89.0,       0.0);         ( 592687.6,
4123359.9,      88.9,      88.9,       0.0);
     ( 592727.6, 4123359.9,      88.8,      88.8,       0.0);         ( 592767.6,
4123359.9,      88.9,      88.9,       0.0);
     ( 592807.6, 4123359.9,      90.2,      90.2,       0.0);         ( 592847.6,
4123359.9,      91.0,      91.0,       0.0);
     ( 592887.6, 4123359.9,      91.0,      91.0,       0.0);         ( 592927.6,
4123359.9,      90.1,      90.1,       0.0);
     ( 592967.6, 4123359.9,      90.0,      90.0,       0.0);         ( 593007.6,
4123359.9,      89.6,      89.6,       0.0);
     ( 593047.6, 4123359.9,      89.3,      89.3,       0.0);         ( 593087.6,
4123359.9,      88.8,      88.8,       0.0);
     ( 593127.6, 4123359.9,      88.4,      88.4,       0.0);         ( 593167.6,
4123359.9,      88.1,      88.1,       0.0);
     ( 593207.6, 4123359.9,      88.3,      88.3,       0.0);         ( 593247.6,
4123359.9,      88.2,      88.2,       0.0);
     ( 593287.6, 4123359.9,      87.5,      87.5,       0.0);         ( 593327.6,
4123359.9,      87.0,      87.0,       0.0);
     ( 593367.6, 4123359.9,      85.9,      85.9,       0.0);         ( 593407.6,
4123359.9,      83.1,      83.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593447.6, 4123359.9, 83.0, 83.0, 0.0); (593487.6, 4123359.9, 84.4, 84.4, 0.0);
(593527.6, 4123359.9, 85.3, 85.3, 0.0); (593567.6, 4123359.9, 85.2, 85.2, 0.0);
(593607.6, 4123359.9, 84.9, 84.9, 0.0); (593647.6, 4123359.9, 84.3, 84.3, 0.0);
(593687.6, 4123359.9, 83.8, 83.8, 0.0); (593727.6, 4123359.9, 83.7, 83.7, 0.0);
(593767.6, 4123359.9, 83.4, 83.4, 0.0); (593807.6, 4123359.9, 82.8, 82.8, 0.0);
(593847.6, 4123359.9, 82.4, 82.4, 0.0); (593887.6, 4123359.9, 82.1, 82.1, 0.0);
(593927.6, 4123359.9, 81.8, 81.8, 0.0); (593967.6, 4123359.9, 81.1, 81.1, 0.0);
(594007.6, 4123359.9, 80.3, 80.3, 0.0); (592567.6, 4123399.9, 89.2, 89.2, 0.0);
(592607.6, 4123399.9, 88.9, 88.9, 0.0); (592647.6, 4123399.9, 88.7, 88.7, 0.0);
(592687.6, 4123399.9, 88.7, 88.7, 0.0); (592727.6, 4123399.9, 88.3, 88.3, 0.0);
(592767.6, 4123399.9, 88.3, 88.3, 0.0); (592807.6, 4123399.9, 88.9, 88.9, 0.0);
(592847.6, 4123399.9, 90.3, 90.3, 0.0); (592887.6, 4123399.9, 90.5, 90.5, 0.0);
(592927.6, 4123399.9, 90.1, 90.1, 0.0); (592967.6, 4123399.9, 89.5, 89.5, 0.0);
(593007.6, 4123399.9, 89.3, 89.3, 0.0); (593047.6, 4123399.9, 89.2, 89.2, 0.0);
(593087.6, 4123399.9, 88.7, 88.7, 0.0); (593127.6, 4123399.9, 88.5, 88.5, 0.0);
(593167.6, 4123399.9, 87.9, 87.9, 0.0); (593207.6, 4123399.9, 87.8, 87.8, 0.0);
(593247.6, 4123399.9, 87.6, 87.6, 0.0); (593287.6, 4123399.9, 87.3, 87.3, 0.0);
(593327.6, 4123399.9, 86.9, 86.9, 0.0); (593367.6, 4123399.9, 86.7, 86.7, 0.0);
(593407.6, 4123399.9, 85.9, 85.9, 0.0); (593447.6, 4123399.9, 85.6, 85.6, 0.0);
(593487.6, 4123399.9, 85.8, 85.8, 0.0); (593527.6, 4123399.9, 85.5, 85.5, 0.0);
(593567.6, 4123399.9, 85.4, 85.4, 0.0); (593607.6, 4123399.9, 85.0, 85.0, 0.0);

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     ( 593647.6, 4123399.9,      84.4,      84.4,       0.0);         ( 593687.6,
4123399.9,      84.1,      84.1,       0.0);
     ( 593727.6, 4123399.9,      83.3,      83.3,       0.0);         ( 593767.6,
4123399.9,      82.6,      82.6,       0.0);
     ( 593807.6, 4123399.9,      81.8,      81.8,       0.0);         ( 593847.6,
4123399.9,      81.0,      81.0,       0.0);
     ( 593887.6, 4123399.9,      80.0,      80.0,       0.0);         ( 593927.6,
4123399.9,      79.0,      79.0,       0.0);
     ( 593967.6, 4123399.9,      78.1,      78.1,       0.0);         ( 594007.6,
4123399.9,      77.6,      77.6,       0.0);
     ( 592567.6, 4123439.9,      88.9,      88.9,       0.0);         ( 592607.6,
4123439.9,      88.7,      88.7,       0.0);
     ( 592647.6, 4123439.9,      88.5,      88.5,       0.0);         ( 592687.6,
4123439.9,      88.3,      88.3,       0.0);
     ( 592727.6, 4123439.9,      87.9,      87.9,       0.0);         ( 592767.6,
4123439.9,      87.9,      87.9,       0.0);
     ( 592807.6, 4123439.9,      88.1,      88.1,       0.0);         ( 592847.6,
4123439.9,      89.5,      89.5,       0.0);
     ( 592887.6, 4123439.9,      90.1,      90.1,       0.0);         ( 592927.6,
4123439.9,      89.7,      89.7,       0.0);
     ( 592967.6, 4123439.9,      89.3,      89.3,       0.0);         ( 593007.6,
4123439.9,      89.1,      89.1,       0.0);
     ( 593047.6, 4123439.9,      88.8,      88.8,       0.0);         ( 593087.6,
4123439.9,      88.8,      88.8,       0.0);
     ( 593127.6, 4123439.9,      89.0,      89.0,       0.0);         ( 593167.6,
4123439.9,      88.0,      88.0,       0.0);
     ( 593207.6, 4123439.9,      87.7,      87.7,       0.0);         ( 593247.6,
4123439.9,      87.5,      87.5,       0.0);
     ( 593287.6, 4123439.9,      87.3,      87.3,       0.0);         ( 593327.6,
4123439.9,      87.0,      87.0,       0.0);
     ( 593367.6, 4123439.9,      87.0,      87.0,       0.0);         ( 593407.6,
4123439.9,      87.0,      87.0,       0.0);
     ( 593447.6, 4123439.9,      86.7,      86.7,       0.0);         ( 593487.6,
4123439.9,      86.0,      86.0,       0.0);
     ( 593527.6, 4123439.9,      85.1,      85.1,       0.0);         ( 593567.6,
4123439.9,      84.5,      84.5,       0.0);
     ( 593607.6, 4123439.9,      83.5,      83.5,       0.0);         ( 593647.6,
4123439.9,      82.4,      82.4,       0.0);
     ( 593687.6, 4123439.9,      81.7,      81.7,       0.0);         ( 593727.6,
4123439.9,      80.8,      80.8,       0.0);
     ( 593767.6, 4123439.9,      80.0,      80.0,       0.0);         ( 593807.6,
4123439.9,      79.4,      79.4,       0.0);
     ( 593847.6, 4123439.9,      79.2,      79.2,       0.0);         ( 593887.6,
4123439.9,      79.3,      79.3,       0.0);
     ( 593927.6, 4123439.9,      79.6,      79.6,       0.0);         ( 593967.6,
4123439.9,      79.7,      81.3,       0.0);
     ( 594007.6, 4123439.9,      79.9,      79.9,       0.0);         ( 592567.6,
4123479.9,      87.9,      87.9,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592607.6, 4123479.9, 88.3, 88.3, 0.0); (592647.6, 4123479.9, 88.1, 88.1, 0.0);
(592687.6, 4123479.9, 87.9, 87.9, 0.0); (592727.6, 4123479.9, 87.7, 87.7, 0.0);
(592767.6, 4123479.9, 87.7, 87.7, 0.0); (592807.6, 4123479.9, 87.6, 87.6, 0.0);
(592847.6, 4123479.9, 88.6, 88.6, 0.0); (592887.6, 4123479.9, 89.6, 89.6, 0.0);
(592927.6, 4123479.9, 89.5, 89.5, 0.0); (592967.6, 4123479.9, 89.5, 89.5, 0.0);
(593007.6, 4123479.9, 89.2, 89.2, 0.0); (593047.6, 4123479.9, 88.9, 88.9, 0.0);
(593087.6, 4123479.9, 88.5, 88.5, 0.0); (593127.6, 4123479.9, 88.0, 88.0, 0.0);
(593167.6, 4123479.9, 87.9, 87.9, 0.0); (593207.6, 4123479.9, 87.6, 87.6, 0.0);
(593247.6, 4123479.9, 87.3, 87.3, 0.0); (593287.6, 4123479.9, 87.3, 87.3, 0.0);
(593327.6, 4123479.9, 87.1, 87.1, 0.0); (593367.6, 4123479.9, 86.2, 86.2, 0.0);
(593407.6, 4123479.9, 84.9, 84.9, 0.0); (593447.6, 4123479.9, 83.5, 86.7, 0.0);
(593487.6, 4123479.9, 82.4, 86.3, 0.0); (593527.6, 4123479.9, 81.7, 84.9, 0.0);
(593567.6, 4123479.9, 81.2, 81.2, 0.0); (593607.6, 4123479.9, 80.8, 80.8, 0.0);
(593647.6, 4123479.9, 80.5, 80.5, 0.0); (593687.6, 4123479.9, 80.5, 80.5, 0.0);
(593727.6, 4123479.9, 80.5, 80.5, 0.0); (593767.6, 4123479.9, 81.0, 81.0, 0.0);
(593807.6, 4123479.9, 81.8, 81.8, 0.0); (593847.6, 4123479.9, 81.9, 81.9, 0.0);
(593887.6, 4123479.9, 81.6, 81.6, 0.0); (593927.6, 4123479.9, 81.3, 81.3, 0.0);
(593967.6, 4123479.9, 80.8, 80.8, 0.0); (594007.6, 4123479.9, 80.6, 80.6, 0.0);
(592567.6, 4123519.9, 88.0, 88.0, 0.0); (592607.6, 4123519.9, 87.6, 87.6, 0.0);
(592647.6, 4123519.9, 87.8, 87.8, 0.0); (592687.6, 4123519.9, 87.6, 87.6, 0.0);

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     ( 592727.6, 4123519.9,      87.5,      87.5,       0.0);         ( 592767.6,
4123519.9,      87.4,      87.4,       0.0);
     ( 592807.6, 4123519.9,      87.4,      87.4,       0.0);         ( 592847.6,
4123519.9,      87.5,      87.5,       0.0);
     ( 592887.6, 4123519.9,      88.8,      88.8,       0.0);         ( 592927.6,
4123519.9,      89.1,      89.1,       0.0);
     ( 592967.6, 4123519.9,      88.9,      88.9,       0.0);         ( 593007.6,
4123519.9,      88.4,      88.4,       0.0);
     ( 593047.6, 4123519.9,      87.9,      87.9,       0.0);         ( 593087.6,
4123519.9,      87.3,      87.3,       0.0);
     ( 593127.6, 4123519.9,      86.7,      87.8,       0.0);         ( 593167.6,
4123519.9,      86.1,      86.1,       0.0);
     ( 593207.6, 4123519.9,      85.6,      87.2,       0.0);         ( 593247.6,
4123519.9,      84.9,      86.1,       0.0);
     ( 593287.6, 4123519.9,      84.1,      84.1,       0.0);         ( 593327.6,
4123519.9,      83.3,      83.3,       0.0);
     ( 593367.6, 4123519.9,      82.6,      82.6,       0.0);         ( 593407.6,
4123519.9,      82.3,      82.3,       0.0);
     ( 593447.6, 4123519.9,      82.0,      82.0,       0.0);         ( 593487.6,
4123519.9,      81.8,      81.8,       0.0);
     ( 593527.6, 4123519.9,      81.7,      81.7,       0.0);         ( 593567.6,
4123519.9,      81.8,      81.8,       0.0);
     ( 593607.6, 4123519.9,      82.3,      82.3,       0.0);         ( 593647.6,
4123519.9,      83.0,      83.0,       0.0);
     ( 593687.6, 4123519.9,      83.2,      83.2,       0.0);         ( 593727.6,
4123519.9,      83.0,      83.0,       0.0);
     ( 593767.6, 4123519.9,      82.9,      82.9,       0.0);         ( 593807.6,
4123519.9,      82.0,      82.0,       0.0);
     ( 593847.6, 4123519.9,      81.8,      81.8,       0.0);         ( 593887.6,
4123519.9,      81.1,      81.1,       0.0);
     ( 593927.6, 4123519.9,      80.9,      80.9,       0.0);         ( 593967.6,
4123519.9,      80.2,      80.2,       0.0);
     ( 594007.6, 4123519.9,      80.1,      80.1,       0.0);         ( 592567.6,
4123559.9,      88.9,      88.9,       0.0);
     ( 592607.6, 4123559.9,      88.0,      88.0,       0.0);         ( 592647.6,
4123559.9,      87.3,      87.3,       0.0);
     ( 592687.6, 4123559.9,      87.1,      87.1,       0.0);         ( 592727.6,
4123559.9,      87.0,      87.0,       0.0);
     ( 592767.6, 4123559.9,      86.8,      86.8,       0.0);         ( 592807.6,
4123559.9,      86.5,      86.5,       0.0);
     ( 592847.6, 4123559.9,      86.2,      86.2,       0.0);         ( 592887.6,
4123559.9,      86.0,      89.1,       0.0);
     ( 592927.6, 4123559.9,      84.8,      89.1,       0.0);         ( 592967.6,
4123559.9,      83.4,      89.5,       0.0);
     ( 593007.6, 4123559.9,      82.3,      89.5,       0.0);         ( 593047.6,
4123559.9,      81.9,      89.4,       0.0);
     ( 593087.6, 4123559.9,      81.9,      88.9,       0.0);         ( 593127.6,
4123559.9,      82.0,      88.2,       0.0);
     ( 593167.6, 4123559.9,      82.1,      87.4,       0.0);         ( 593207.6,
4123559.9,      82.2,      82.2,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593247.6, 4123559.9, 82.3, 82.3, 0.0); (593287.6, 4123559.9, 82.4, 82.4, 0.0);
(593327.6, 4123559.9, 82.5, 82.5, 0.0); (593367.6, 4123559.9, 82.5, 82.5, 0.0);
(593407.6, 4123559.9, 82.6, 82.6, 0.0); (593447.6, 4123559.9, 82.8, 82.8, 0.0);
(593487.6, 4123559.9, 82.9, 82.9, 0.0); (593527.6, 4123559.9, 83.1, 83.1, 0.0);
(593567.6, 4123559.9, 83.6, 83.6, 0.0); (593607.6, 4123559.9, 83.4, 83.4, 0.0);
(593647.6, 4123559.9, 83.3, 83.3, 0.0); (593687.6, 4123559.9, 83.1, 83.1, 0.0);
(593727.6, 4123559.9, 82.8, 82.8, 0.0); (593767.6, 4123559.9, 82.4, 82.4, 0.0);
(593807.6, 4123559.9, 81.5, 81.5, 0.0); (593847.6, 4123559.9, 81.3, 81.3, 0.0);
(593887.6, 4123559.9, 80.6, 80.6, 0.0); (593927.6, 4123559.9, 80.4, 80.4, 0.0);
(593967.6, 4123559.9, 79.7, 79.7, 0.0); (594007.6, 4123559.9, 79.6, 79.6, 0.0);
(592567.6, 4123599.9, 88.5, 88.5, 0.0); (592607.6, 4123599.9, 87.9, 87.9, 0.0);
(592647.6, 4123599.9, 87.7, 87.7, 0.0); (592687.6, 4123599.9, 87.5, 87.5, 0.0);
(592727.6, 4123599.9, 87.5, 87.5, 0.0); (592767.6, 4123599.9, 87.2, 87.2, 0.0);
(592807.6, 4123599.9, 84.4, 84.9, 0.0); (592847.6, 4123599.9, 82.1, 86.2, 0.0);
(592887.6, 4123599.9, 80.1, 89.1, 0.0); (592927.6, 4123599.9, 78.9, 89.4, 0.0);
(592967.6, 4123599.9, 78.6, 89.5, 0.0); (593007.6, 4123599.9, 78.9, 89.5, 0.0);
(593047.6, 4123599.9, 79.3, 89.2, 0.0); (593087.6, 4123599.9, 80.0, 80.0, 0.0);
(593127.6, 4123599.9, 80.6, 80.6, 0.0); (593167.6, 4123599.9, 81.2, 81.2, 0.0);
(593207.6, 4123599.9, 82.0, 82.0, 0.0); (593247.6, 4123599.9, 82.7, 82.7, 0.0);

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     ( 593287.6, 4123599.9,      83.2,      83.2,       0.0);         ( 593327.6,
4123599.9,      83.6,      83.6,       0.0);
     ( 593367.6, 4123599.9,      84.1,      84.1,       0.0);         ( 593407.6,
4123599.9,      84.3,      84.3,       0.0);
     ( 593447.6, 4123599.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123599.9,      83.9,      83.9,       0.0);
     ( 593527.6, 4123599.9,      83.4,      83.4,       0.0);         ( 593567.6,
4123599.9,      83.5,      83.5,       0.0);
     ( 593607.6, 4123599.9,      83.0,      83.0,       0.0);         ( 593647.6,
4123599.9,      83.0,      83.0,       0.0);
     ( 593687.6, 4123599.9,      83.1,      83.1,       0.0);         ( 593727.6,
4123599.9,      82.5,      82.5,       0.0);
     ( 593767.6, 4123599.9,      82.0,      82.0,       0.0);         ( 593807.6,
4123599.9,      81.5,      81.5,       0.0);
     ( 593847.6, 4123599.9,      81.0,      81.0,       0.0);         ( 593887.6,
4123599.9,      80.2,      80.2,       0.0);
     ( 593927.6, 4123599.9,      80.2,      80.2,       0.0);         ( 593967.6,
4123599.9,      79.4,      79.4,       0.0);
     ( 594007.6, 4123599.9,      79.4,      79.4,       0.0);         ( 593087.6,
4123639.9,      81.7,      88.6,       0.0);
     ( 593127.6, 4123639.9,      83.2,      87.3,       0.0);         ( 593167.6,
4123639.9,      84.5,      84.5,       0.0);
     ( 593207.6, 4123639.9,      85.0,      85.0,       0.0);         ( 593247.6,
4123639.9,      85.3,      85.3,       0.0);
     ( 593287.6, 4123639.9,      85.0,      85.0,       0.0);         ( 593327.6,
4123639.9,      85.0,      85.0,       0.0);
     ( 593367.6, 4123639.9,      84.5,      84.5,       0.0);         ( 593407.6,
4123639.9,      84.4,      84.4,       0.0);
     ( 593447.6, 4123639.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123639.9,      83.7,      83.7,       0.0);
     ( 593527.6, 4123639.9,      83.3,      83.3,       0.0);         ( 593567.6,
4123639.9,      83.0,      83.0,       0.0);
     ( 593607.6, 4123639.9,      82.9,      82.9,       0.0);         ( 593647.6,
4123639.9,      82.3,      82.3,       0.0);
     ( 593687.6, 4123639.9,      82.7,      82.7,       0.0);         ( 593727.6,
4123639.9,      82.2,      82.2,       0.0);
     ( 593767.6, 4123639.9,      82.1,      82.1,       0.0);         ( 593807.6,
4123639.9,      81.4,      81.4,       0.0);
     ( 593847.6, 4123639.9,      81.1,      81.1,       0.0);         ( 593887.6,
4123639.9,      80.0,      80.0,       0.0);
     ( 593927.6, 4123639.9,      79.9,      79.9,       0.0);         ( 593967.6,
4123639.9,      79.2,      79.2,       0.0);
     ( 594007.6, 4123639.9,      79.0,      79.0,       0.0);         ( 593087.6,
4123679.9,      86.7,      88.6,       0.0);
     ( 593127.6, 4123679.9,      87.3,      87.3,       0.0);         ( 593167.6,
4123679.9,      86.5,      86.5,       0.0);
     ( 593207.6, 4123679.9,      85.9,      85.9,       0.0);         ( 593247.6,
4123679.9,      85.9,      85.9,       0.0);
     ( 593287.6, 4123679.9,      85.1,      85.1,       0.0);         ( 593327.6,
4123679.9,      84.7,      84.7,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593447.6, 4123679.9, 83.9, 83.9, 0.0); (593487.6, 4123679.9, 83.3, 83.3, 0.0);
(593527.6, 4123679.9, 83.2, 83.2, 0.0); (593567.6, 4123679.9, 82.6, 82.6, 0.0);
(593607.6, 4123679.9, 82.6, 82.6, 0.0); (593647.6, 4123679.9, 82.4, 82.4, 0.0);
(593687.6, 4123679.9, 82.3, 82.3, 0.0); (593727.6, 4123679.9, 82.1, 82.1, 0.0);
(593767.6, 4123679.9, 81.9, 81.9, 0.0); (593807.6, 4123679.9, 81.0, 81.0, 0.0);
(593847.6, 4123679.9, 80.8, 80.8, 0.0); (593887.6, 4123679.9, 79.7, 79.7, 0.0);
(593927.6, 4123679.9, 79.7, 79.7, 0.0); (593967.6, 4123679.9, 79.0, 79.0, 0.0);
(594007.6, 4123679.9, 78.8, 78.8, 0.0); (593087.6, 4123719.9, 87.0, 87.0, 0.0);
(593127.6, 4123719.9, 86.4, 86.4, 0.0); (593167.6, 4123719.9, 85.8, 85.8, 0.0);
(593207.6, 4123719.9, 85.5, 85.5, 0.0); (593247.6, 4123719.9, 85.5, 85.5, 0.0);
(593287.6, 4123719.9, 85.0, 85.0, 0.0); (593327.6, 4123719.9, 84.3, 84.3, 0.0);
(593367.6, 4123719.9, 84.3, 84.3, 0.0); (593407.6, 4123719.9, 83.8, 83.8, 0.0);
(593447.6, 4123719.9, 83.6, 83.6, 0.0); (593487.6, 4123719.9, 83.2, 83.2, 0.0);
(593527.6, 4123719.9, 82.8, 82.8, 0.0); (593567.6, 4123719.9, 82.7, 82.7, 0.0);
(593607.6, 4123719.9, 82.1, 82.1, 0.0); (593647.6, 4123719.9, 82.3, 82.3, 0.0);
(593687.6, 4123719.9, 82.1, 82.1, 0.0); (593727.6, 4123719.9, 81.6, 81.6, 0.0);
(593767.6, 4123719.9, 81.4, 81.4, 0.0); (593807.6, 4123719.9, 80.7, 80.7, 0.0);
(593847.6, 4123719.9, 80.1, 80.1, 0.0); (593887.6, 4123719.9, 79.3, 79.3, 0.0);

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     ( 593927.6, 4123719.9,      79.3,      79.3,       0.0);         ( 593967.6,
4123719.9,      78.9,      78.9,       0.0);
     ( 594007.6, 4123719.9,      78.6,      78.6,       0.0);         ( 593087.6,
4123759.9,      86.4,      86.4,       0.0);
     ( 593127.6, 4123759.9,      86.2,      86.2,       0.0);         ( 593167.6,
4123759.9,      85.9,      85.9,       0.0);
     ( 593207.6, 4123759.9,      85.0,      85.0,       0.0);         ( 593247.6,
4123759.9,      84.7,      84.7,       0.0);
     ( 593287.6, 4123759.9,      84.9,      84.9,       0.0);         ( 593327.6,
4123759.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123759.9,      83.7,      83.7,       0.0);         ( 593407.6,
4123759.9,      83.7,      83.7,       0.0);
     ( 593447.6, 4123759.9,      83.1,      83.1,       0.0);         ( 593487.6,
4123759.9,      83.1,      83.1,       0.0);
     ( 593527.6, 4123759.9,      82.5,      82.5,       0.0);         ( 593567.6,
4123759.9,      82.5,      82.5,       0.0);
     ( 593607.6, 4123759.9,      82.1,      82.1,       0.0);         ( 593647.6,
4123759.9,      81.8,      81.8,       0.0);
     ( 593687.6, 4123759.9,      81.8,      81.8,       0.0);         ( 593727.6,
4123759.9,      81.3,      81.3,       0.0);
     ( 593767.6, 4123759.9,      81.0,      81.0,       0.0);         ( 593807.6,
4123759.9,      80.1,      80.1,       0.0);
     ( 593847.6, 4123759.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123759.9,      79.6,      79.6,       0.0);
     ( 593927.6, 4123759.9,      79.1,      79.1,       0.0);         ( 593967.6,
4123759.9,      78.5,      78.5,       0.0);
     ( 594007.6, 4123759.9,      78.3,      78.3,       0.0);         ( 593087.6,
4123799.9,      86.0,      86.0,       0.0);
     ( 593127.6, 4123799.9,      85.8,      85.8,       0.0);         ( 593167.6,
4123799.9,      85.3,      85.3,       0.0);
     ( 593207.6, 4123799.9,      84.9,      84.9,       0.0);         ( 593247.6,
4123799.9,      84.5,      84.5,       0.0);
     ( 593287.6, 4123799.9,      84.4,      84.4,       0.0);         ( 593327.6,
4123799.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123799.9,      83.5,      83.5,       0.0);         ( 593407.6,
4123799.9,      83.4,      83.4,       0.0);
     ( 593447.6, 4123799.9,      83.1,      83.1,       0.0);         ( 593487.6,
4123799.9,      82.8,      82.8,       0.0);
     ( 593527.6, 4123799.9,      82.6,      82.6,       0.0);         ( 593567.6,
4123799.9,      82.1,      82.1,       0.0);
     ( 593607.6, 4123799.9,      82.2,      82.2,       0.0);         ( 593647.6,
4123799.9,      81.5,      81.5,       0.0);
     ( 593687.6, 4123799.9,      81.1,      81.1,       0.0);         ( 593727.6,
4123799.9,      81.4,      81.4,       0.0);
     ( 593767.6, 4123799.9,      80.4,      80.4,       0.0);         ( 593807.6,
4123799.9,      79.8,      79.8,       0.0);
     ( 593847.6, 4123799.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123799.9,      79.6,      79.6,       0.0);
     ( 593927.6, 4123799.9,      79.1,      79.1,       0.0);         ( 593967.6,
4123799.9,      78.3,      78.3,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593207.6, 4123839.9, 84.7, 84.7, 0.0); (593247.6, 4123839.9, 84.2, 84.2, 0.0);
(593287.6, 4123839.9, 84.0, 84.0, 0.0); (593327.6, 4123839.9, 84.0, 84.0, 0.0);
(593367.6, 4123839.9, 83.6, 83.6, 0.0); (593407.6, 4123839.9, 83.1, 83.1, 0.0);
(593447.6, 4123839.9, 83.0, 83.0, 0.0); (593487.6, 4123839.9, 82.4, 82.4, 0.0);
(593527.6, 4123839.9, 82.4, 82.4, 0.0); (593567.6, 4123839.9, 81.8, 81.8, 0.0);
(593607.6, 4123839.9, 81.7, 81.7, 0.0); (593647.6, 4123839.9, 81.2, 81.2, 0.0);
(593687.6, 4123839.9, 80.9, 80.9, 0.0); (593727.6, 4123839.9, 81.1, 81.1, 0.0);
(593767.6, 4123839.9, 80.2, 80.2, 0.0); (593807.6, 4123839.9, 80.1, 80.1, 0.0);
(593847.6, 4123839.9, 79.5, 79.5, 0.0); (593887.6, 4123839.9, 79.1, 79.1, 0.0);
(593927.6, 4123839.9, 78.4, 78.4, 0.0); (593967.6, 4123839.9, 77.8, 77.8, 0.0);
(594007.6, 4123839.9, 77.8, 77.8, 0.0); (593087.6, 4123879.9, 85.2, 85.2, 0.0);
(593127.6, 4123879.9, 85.1, 85.1, 0.0); (593167.6, 4123879.9, 84.8, 84.8, 0.0);
(593207.6, 4123879.9, 84.5, 84.5, 0.0); (593247.6, 4123879.9, 84.4, 84.4, 0.0);
(593287.6, 4123879.9, 83.6, 83.6, 0.0); (593327.6, 4123879.9, 83.3, 83.3, 0.0);
(593367.6, 4123879.9, 83.5, 83.5, 0.0); (593407.6, 4123879.9, 82.9, 82.9, 0.0);
(593447.6, 4123879.9, 82.5, 82.5, 0.0); (593487.6, 4123879.9, 82.1, 82.1, 0.0);
(593527.6, 4123879.9, 81.9, 81.9, 0.0); (593567.6, 4123879.9, 81.7, 81.7, 0.0);

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     ( 593607.6, 4123879.9,      81.5,      81.5,       0.0);         ( 593647.6,
4123879.9,      81.3,      81.3,       0.0);
     ( 593687.6, 4123879.9,      80.6,      80.6,       0.0);         ( 593727.6,
4123879.9,      80.5,      80.5,       0.0);
     ( 593767.6, 4123879.9,      80.2,      80.2,       0.0);         ( 593807.6,
4123879.9,      80.2,      80.2,       0.0);
     ( 593847.6, 4123879.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123879.9,      78.7,      78.7,       0.0);
     ( 593927.6, 4123879.9,      78.1,      78.1,       0.0);         ( 593967.6,
4123879.9,      77.5,      77.5,       0.0);
     ( 594007.6, 4123879.9,      77.4,      77.4,       0.0);

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       17:51:42

                                   PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL


                            SOURCE          - - RECEPTOR LOCATION - -
DISTANCE
                              ID            XR (METERS)   YR (METERS)
(METERS)
                           - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

                            L0006614           592807.6     4123319.9
-7.79
                            L0006615           592807.6     4123319.9
-0.89
                            L0006616           592807.6     4123359.9
-1.67
                            L0006619           592847.6     4123399.9
-3.94
                            L0006620           592847.6     4123399.9
-12.01
                            L0006623           592887.6     4123439.9
-3.22
                            L0006625           592887.6     4123479.9
-5.91
                            L0006626           592887.6     4123479.9
-2.07
                            L0006628           592927.6     4123519.9
```

-3.10			
	L0006629	592927.6	4123519.9
-10.31			
	L0006631	592927.6	4123559.9
0.97			
	L0006553	592967.6	4123439.9
-3.19			
	L0006556	593007.6	4123479.9
-1.78			
	L0006562	593087.6	4123399.9
0.01			
	L0006563	593087.6	4123399.9
-14.66			
	L0006564	593087.6	4123399.9
0.22			
	L0006565	593087.6	4123359.9
-3.28			
	L0006566	593087.6	4123359.9
-0.75			
	L0006568	593127.6	4123319.9
0.30			
	L0006569	593127.6	4123319.9
-0.08			
	L0006570	593127.6	4123279.9
-1.60			
	L0006571	593127.6	4123279.9
-14.36			
	L0006574	593167.6	4123239.9
-6.16			
	L0006575	593167.6	4123239.9
-0.65			
	L0006576	593207.6	4123239.9
-0.98			
	L0006577	593207.6	4123239.9
-5.58			
	L0006579	593247.6	4123239.9
-5.53			
	L0006580	593247.6	4123239.9
-0.23			
	L0006581	593287.6	4123239.9
-0.54			
	L0006582	593287.6	4123239.9
-4.96			
	L0006584	593327.6	4123239.9
-4.89			
	L0006585	593327.6	4123239.9
0.20			
	L0006586	593367.6	4123239.9
-0.09			
	L0006587	593367.6	4123239.9

-4.33
                              L0006589   593407.6   4123239.9
-4.25
                              L0006590   593407.6   4123239.9
0.65
                              L0006591   593447.6   4123239.9
0.38
                              L0006592   593447.6   4123239.9
-3.70
                              L0006594   593487.6   4123239.9
-3.60
                              L0006596   593527.6   4123239.9
0.86

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

                                SOURCE   - - RECEPTOR LOCATION - -   DISTANCE
                                  ID   XR (METERS)   YR (METERS)   (METERS)
                              -

                              L0006597   593527.6   4123239.9
-3.06
                              L0006599   593567.6   4123239.9
-2.95
                              L0006602   593607.6   4123239.9
-2.29
                              L0006604   593647.6   4123279.9
0.28
                              L0006605   593647.6   4123279.9
-3.33
                              L0006606   593647.6   4123319.9
0.78
                              L0006607   593647.6   4123319.9
-1.77
                              L0006610   593687.6   4123359.9
-6.03

	L0006611	593687.6	4123359.9
-2.79			
	L0006613	593687.6	4123399.9
-1.65			
	L0005351	593567.6	4123279.9
0.42			
	L0005352	593567.6	4123279.9
-11.89			
	L0005354	593607.6	4123279.9
-12.21			
	L0005355	593607.6	4123279.9
-5.14			
	L0005361	593567.6	4123279.9
0.21			
	L0005363	593527.6	4123319.9
-1.95			
	L0005365	593567.6	4123319.9
-4.67			
	L0005366	593567.6	4123319.9
-1.09			
	L0005367	593607.6	4123319.9
-2.30			
	L0005368	593607.6	4123319.9
-3.48			
	L0005369	593647.6	4123319.9
0.64			
	L0005370	593647.6	4123319.9
-5.05			
	L0005372	593687.6	4123359.9
-3.69			
	L0005373	593687.6	4123359.9
-6.84			
	L0005374	593647.6	4123359.9
-7.14			
	L0005375	593647.6	4123359.9
-10.84			
	L0005376	593607.6	4123359.9
-3.13			
	L0005377	593607.6	4123359.9
-14.74			
	L0005378	593567.6	4123359.9
0.89			
	L0005379	593567.6	4123359.9
-16.41			
	L0005380	593567.6	4123359.9
-0.78			
	L0005381	593527.6	4123359.9
-2.52			
	L0005383	593567.6	4123399.9
-1.12			

                      * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                        LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                                SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                                  ID   XR (METERS)   YR (METERS)
(METERS)
                               -
- - -

                              L0005395   593647.6   4123399.9
-2.53
                              L0005397   593607.6   4123399.9
-0.30
                              L0005398   593607.6   4123399.9
-0.79
                              L0005400   593567.6   4123399.9
-1.92
                              L0005402   593527.6   4123439.9
-1.02
                              L0005403   593527.6   4123439.9
-5.99
                              L0005404   593567.6   4123439.9
-6.98
                              L0005405   593567.6   4123439.9

-10.97			
	L0005406	593607.6	4123439.9
-1.90			
	L0005407	593607.6	4123439.9
-10.13			
	L0005409	593647.6	4123439.9
-4.51			
	L0005413	593687.6	4123439.9
-9.51			
	L0005414	593687.6	4123439.9
-1.54			
	L0005415	593647.6	4123439.9
-11.18			
	L0005416	593647.6	4123439.9
-6.79			
	L0005417	593607.6	4123439.9
-5.74			
	L0005418	593607.6	4123439.9
-7.53			
	L0005420	593567.6	4123439.9
-3.07			
	L0005422	593527.6	4123479.9
0.81			
	L0005424	593487.6	4123479.9
-3.91			
	L0005425	593487.6	4123479.9
-4.46			
	L0005426	593447.6	4123479.9
-4.86			
	L0005427	593447.6	4123479.9
-11.87			
	L0005428	593407.6	4123479.9
-1.39			
	L0005429	593407.6	4123479.9
-13.41			
	L0005431	593367.6	4123479.9
-6.43			
	L0005432	593367.6	4123479.9
-10.59			
	L0005433	593367.6	4123479.9
-3.76			
	L0005438	593447.6	4123439.9
-2.63			
	L0005440	593487.6	4123439.9
-7.33			
	L0005442	593527.6	4123439.9
-9.91			
	L0005443	593527.6	4123439.9
-7.56			
	L0005445	593487.6	4123439.9

-2.99
L0005446 593487.6 4123439.9
-5.94
L0005447 593447.6 4123439.9
-3.27
L0005448 593447.6 4123439.9
-13.71
L0005449 593407.6 4123439.9
0.50
L0005450 593407.6 4123439.9
-12.99
L0005451 593407.6 4123439.9
0.88
L0005452 593367.6 4123439.9
-5.13

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0005453	593367.6	4123439.9	-14.84
L0005454	593367.6	4123439.9	-2.03
L0005457	593407.6	4123399.9	0.58
L0005459	593447.6	4123399.9	-4.64
L0005461	593487.6	4123399.9	-9.21
L0005463	593527.6	4123399.9	-11.57
L0005464	593527.6	4123399.9	-9.13

	L0005467	593487.6	4123399.9
-3.33			
	L0005469	593447.6	4123399.9
-7.39			
	L0005470	593447.6	4123399.9
0.87			
	L0005471	593407.6	4123399.9
-9.39			
	L0005472	593407.6	4123399.9
-4.52			
	L0005473	593367.6	4123399.9
-8.01			
	L0005474	593367.6	4123399.9
-8.13			
	L0005475	593367.6	4123359.9
-5.79			
	L0005476	593367.6	4123359.9
-5.05			
	L0005477	593407.6	4123359.9
-5.54			
	L0005478	593407.6	4123359.9
-8.50			
	L0005479	593447.6	4123359.9
-2.07			
	L0005480	593447.6	4123359.9
-11.30			
	L0005482	593487.6	4123359.9
-12.37			
	L0005483	593487.6	4123359.9
0.08			
	L0005484	593527.6	4123359.9
-10.87			
	L0006502	593327.6	4123479.9
-4.45			
	L0006503	593327.6	4123479.9
-1.25			
	L0006504	593367.6	4123479.9
-3.05			
	L0006505	593367.6	4123479.9
-0.45			
	L0006506	593327.6	4123479.9
-6.66			
	L0006507	593327.6	4123479.9
-4.46			
	L0006508	593287.6	4123479.9
-4.49			
	L0006510	593287.6	4123439.9
-5.23			
	L0006511	593327.6	4123439.9
-6.40			

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                              SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                                ID   XR (METERS)   YR (METERS)
(METERS)
                             -
- - -

                              L0006522   593367.6   4123399.9
-0.21
                              L0006523   593367.6   4123399.9
0.27
                              L0006525   593327.6   4123359.9
-1.93
                              L0006527   593287.6   4123359.9
-1.07
                              L0006528   593287.6   4123359.9
-12.01
                              L0006529   593327.6   4123359.9
0.19
                              L0006530   593327.6   4123359.9

-15.49			
	L0006531	593327.6	4123359.9
0.16			
	L0006534	593327.6	4123319.9
-4.56			
	L0006536	593287.6	4123319.9
-3.20			
	L0006537	593287.6	4123319.9
-10.13			
	L0006539	593327.6	4123319.9
-12.45			
	L0006540	593327.6	4123319.9
-1.51			
	L0006541	593367.6	4123319.9
-5.87			
	L0006543	593327.6	4123279.9
0.07			
	L0006544	593327.6	4123279.9
-0.80			
	L0006546	593287.6	4123279.9
-8.95			
	L0006548	593327.6	4123279.9
-16.50			
	L0006549	593327.6	4123279.9
-1.46			
	L0005675	593367.6	4123359.9
0.58			
	L0005676	593407.6	4123359.9
0.45			
	L0005677	593407.6	4123359.9
-1.62			
	L0005679	593447.6	4123359.9
-3.05			
	L0005681	593487.6	4123359.9
-3.48			
	L0005683	593527.6	4123359.9
-2.83			
	L0005684	593527.6	4123319.9
-8.37			
	L0005685	593527.6	4123319.9
-3.10			
	L0005686	593487.6	4123319.9
-8.20			
	L0005687	593487.6	4123319.9
-6.72			
	L0005688	593447.6	4123319.9
-4.69			
	L0005689	593447.6	4123319.9
-9.98			
	L0005690	593407.6	4123319.9

-0.96
L0005691 593407.6 4123319.9
-12.23
L0005693 593367.6 4123319.9
-12.58
L0005694 593367.6 4123319.9
-2.97
L0005696 593407.6 4123319.9
0.27
L0005698 593447.6 4123319.9
0.80
L0005701 593487.6 4123319.9
-0.69
L0005703 593527.6 4123319.9
-2.01
L0005704 593527.6 4123279.9
-10.28

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0005706	593487.6	4123279.9	-9.57
L0005707	593487.6	4123279.9	-0.53
L0005708	593447.6	4123279.9	-7.27
L0005709	593447.6	4123279.9	-3.67
L0005710	593407.6	4123279.9	-4.16
L0005711	593407.6	4123279.9	-6.26

L0005712 593367.6 4123279.9
-0.66
L0005713 593367.6 4123279.9
-12.87

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: Good Sam Phase I Cons.SFC
Met Version: 18081
Profile file: Good Sam Phase I Cons.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23293 Upper air station no.: 23230
Name: SAN_JOSE_INT_AIRPORT Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-17.4	0.169	-9.000	-9.000	-999.	167.	31.4	0.02	2.57	1.00	2.62	136.	7.9	277.0	2.0
13	01	01	1	02	-12.5	0.137	-9.000	-9.000	-999.	122.	20.8	0.02	2.57	1.00	2.16	129.	7.9	277.0	2.0
13	01	01	1	03	-4.1	0.080	-9.000	-9.000	-999.	55.	11.3	0.05	2.57	1.00	1.14	227.	7.9	276.4	2.0
13	01	01	1	04	-6.8	0.103	-9.000	-9.000	-999.	80.	14.8	0.05	2.57	1.00	1.43	102.	7.9	276.4	2.0
13	01	01	1	05	-10.0	0.126	-9.000	-9.000	-999.	108.	18.3	0.05	2.57	1.00	1.72	79.	7.9	277.0	2.0
13	01	01	1	06	-6.3	0.096	-9.000	-9.000	-999.	71.	12.8	0.02	2.57	1.00	1.55	153.	7.9	277.5	2.0
13	01	01	1	07	-2.4	0.062	-9.000	-9.000	-999.	37.	9.0	0.02	2.57	1.00	0.92	171.	7.9	277.5	2.0
13	01	01	1	08	-7.0	0.105	-9.000	-9.000	-999.	82.	15.0	0.05	2.57	0.74	1.45	6.	7.9	277.5	2.0
13	01	01	1	09	-0.3	0.039	-9.000	-9.000	-999.	21.	19.3	0.02	2.57	0.39	0.62	119.	7.9	279.2	2.0
13	01	01	1	10	65.7	0.147	0.659	0.005	159.	135.	-4.4	0.05	2.57	0.27	1.37	228.	7.9	280.9	2.0
13	01	01	1	11	118.0	0.197	1.211	0.006	550.	209.	-5.9	0.05	2.57	0.23	1.91	208.	7.9	281.4	2.0
13	01	01	1	12	147.9	0.180	1.536	0.008	894.	184.	-3.6	0.05	2.57	0.21	1.64	225.	7.9	283.1	2.0
13	01	01	1	13	152.7	0.150	1.579	0.007	941.	139.	-2.0	0.02	2.57	0.21	1.54	302.	7.9	283.8	2.0
13	01	01	1	14	132.9	0.201	1.528	0.006	980.	216.	-5.6	0.05	2.57	0.22	1.94	277.	7.9	284.9	2.0

```
 13 01 01   1 15   89.1  0.138  1.349  0.005 1005.  124.     -2.7  0.02   2.57
0.25    1.48  308.    7.9  285.4    2.0
 13 01 01   1 16   25.1  0.174  0.887  0.005 1012.  174.    -19.0  0.05   2.57
0.33    1.86   10.    7.9  285.4    2.0
 13 01 01   1 17  -18.7  0.221 -9.000 -9.000 -999.  249.     53.5  0.05   2.57
0.57    2.89   12.    7.9  283.8    2.0
 13 01 01   1 18  -15.5  0.159 -9.000 -9.000 -999.  153.     27.9  0.05   2.57
1.00    2.13  353.    7.9  282.5    2.0
 13 01 01   1 19  -18.6  0.183 -9.000 -9.000 -999.  188.     36.9  0.05   2.57
1.00    2.50  225.    7.9  280.9    2.0
 13 01 01   1 20   -4.1  0.078 -9.000 -9.000 -999.   59.     10.5  0.02   2.57
1.00    1.26  136.    7.9  280.4    2.0
 13 01 01   1 21  -11.8  0.133 -9.000 -9.000 -999.  117.     19.6  0.02   2.57
1.00    2.10  125.    7.9  278.8    2.0
 13 01 01   1 22   -7.6  0.106 -9.000 -9.000 -999.   83.     14.3  0.02   2.57
1.00    1.70  110.    7.9  277.5    2.0
 13 01 01   1 23   -6.2  0.095 -9.000 -9.000 -999.   71.     12.7  0.02   2.57
1.00    1.54  146.    7.9  277.0    2.0
 13 01 01   1 24  -15.2  0.152 -9.000 -9.000 -999.  142.     25.4  0.02   2.57
1.00    2.37  130.    7.9  277.0    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01    7.9 1  136.    2.62   277.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                 INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                  L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                  L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                  L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592567.59	4122799.92	0.04346	592607.59	4122799.92	0.04592
592647.59	4122799.92	0.04838	592687.59	4122799.92	0.05143
592727.59	4122799.92	0.05441	592767.59	4122799.92	0.05778
592807.59	4122799.92	0.06182	592847.59	4122799.92	0.06533
592887.59	4122799.92	0.07030	592927.59	4122799.92	0.07828
592967.59	4122799.92	0.08387	593007.59	4122799.92	0.08940
593047.59	4122799.92	0.09562	593087.59	4122799.92	0.10168
593127.59	4122799.92	0.10812	593167.59	4122799.92	0.11476
593207.59	4122799.92	0.12315	593247.59	4122799.92	0.13209
593287.59	4122799.92	0.14082	593327.59	4122799.92	0.15150
593367.59	4122799.92	0.16451	593407.59	4122799.92	0.17983
593447.59	4122799.92	0.19556	593487.59	4122799.92	0.21263
593527.59	4122799.92	0.23117	593567.59	4122799.92	0.25021
593607.59	4122799.92	0.26831	593647.59	4122799.92	0.28502
593687.59	4122799.92	0.29916	593727.59	4122799.92	0.31085
593767.59	4122799.92	0.32080	593807.59	4122799.92	0.32755
593847.59	4122799.92	0.33232	593887.59	4122799.92	0.33435
593927.59	4122799.92	0.33375	593967.59	4122799.92	0.33044
594007.59	4122799.92	0.32410	592567.59	4122839.92	0.04664
592607.59	4122839.92	0.04943	592647.59	4122839.92	0.05226
592687.59	4122839.92	0.05543	592727.59	4122839.92	0.05912
592767.59	4122839.92	0.06369	592807.59	4122839.92	0.06778

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         592847.59    4122839.92        0.07231                      592887.59
4122839.92        0.07767
         592927.59    4122839.92        0.08689                      592967.59
4122839.92        0.09392
         593007.59    4122839.92        0.10196                      593047.59
4122839.92        0.10965
         593087.59    4122839.92        0.11635                      593127.59
4122839.92        0.12449
         593167.59    4122839.92        0.13393                      593207.59
4122839.92        0.14468
         593247.59    4122839.92        0.15605                      593287.59
4122839.92        0.16906
         593327.59    4122839.92        0.18388                      593367.59
4122839.92        0.20149
         593407.59    4122839.92        0.22251                      593447.59
4122839.92        0.24398
         593487.59    4122839.92        0.26703                      593527.59
4122839.92        0.29065
         593567.59    4122839.92        0.31433                      593607.59
4122839.92        0.33460
         593647.59    4122839.92        0.35300                      593687.59
4122839.92        0.36754
         593727.59    4122839.92        0.37799                      593767.59
4122839.92        0.38599
         593807.59    4122839.92        0.38983                      593847.59
4122839.92        0.39114
         593887.59    4122839.92        0.38885                      593927.59
4122839.92        0.38355
         593967.59    4122839.92        0.37511                      594007.59
4122839.92        0.36329
         592567.59    4122879.92        0.05029                      592607.59
4122879.92        0.05350
         592647.59    4122879.92        0.05669                      592687.59
4122879.92        0.06014
         592727.59    4122879.92        0.06480                      592767.59
4122879.92        0.07014
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
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```
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592807.59    4122879.92        0.07499                      592847.59
4122879.92        0.08208
         592887.59    4122879.92        0.09138                      592927.59
4122879.92        0.09904
         592967.59    4122879.92        0.10715                      593007.59
4122879.92        0.11619
         593047.59    4122879.92        0.12577                      593087.59
4122879.92        0.13499
         593127.59    4122879.92        0.14509                      593167.59
4122879.92        0.15851
         593207.59    4122879.92        0.17159                      593247.59
4122879.92        0.18830
         593287.59    4122879.92        0.20677                      593327.59
4122879.92        0.22839
         593367.59    4122879.92        0.25325                      593407.59
4122879.92        0.28203
         593447.59    4122879.92        0.31167                      593487.59
4122879.92        0.34221
         593527.59    4122879.92        0.37240                      593567.59
4122879.92        0.39936
         593607.59    4122879.92        0.42138                      593647.59
4122879.92        0.43998
         593687.59    4122879.92        0.45334                      593727.59
4122879.92        0.46133
         593767.59    4122879.92        0.46526                      593807.59
4122879.92        0.46426
         593847.59    4122879.92        0.45969                      593887.59
4122879.92        0.45105
         593927.59    4122879.92        0.43889                      593967.59
4122879.92        0.42330
         594007.59    4122879.92        0.40422                      592567.59
4122919.92        0.05428
         592607.59    4122919.92        0.05784                      592647.59
4122919.92        0.06188
         592687.59    4122919.92        0.06638                      592727.59
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4122919.92        0.07187
         592767.59    4122919.92        0.07781                       592807.59
4122919.92        0.08391
         592847.59    4122919.92        0.09477                       592887.59
4122919.92        0.10285
         592927.59    4122919.92        0.11372                       592967.59
4122919.92        0.12422
         593007.59    4122919.92        0.13470                       593047.59
4122919.92        0.14592
         593087.59    4122919.92        0.15881                       593127.59
4122919.92        0.17286
         593167.59    4122919.92        0.19188                       593207.59
4122919.92        0.20905
         593247.59    4122919.92        0.23266                       593287.59
4122919.92        0.25852
         593327.59    4122919.92        0.29200                       593367.59
4122919.92        0.32794
         593407.59    4122919.92        0.36845                       593447.59
4122919.92        0.40965
         593487.59    4122919.92        0.44936                       593527.59
4122919.92        0.48417
         593567.59    4122919.92        0.51355                       593607.59
4122919.92        0.53533
         593647.59    4122919.92        0.55110                       593687.59
4122919.92        0.56061
         593727.59    4122919.92        0.56361                       593767.59
4122919.92        0.56097
         593807.59    4122919.92        0.55268                       593847.59
4122919.92        0.53938
         593887.59    4122919.92        0.52155                       593927.59
4122919.92        0.49955
         593967.59    4122919.92        0.47403                       594007.59
4122919.92        0.44551
         592567.59    4122959.92        0.05908                       592607.59
4122959.92        0.06295
         592647.59    4122959.92        0.06764                       592687.59
4122959.92        0.07295
         592727.59    4122959.92        0.07989                       592767.59
4122959.92        0.08687
         592807.59    4122959.92        0.09475                       592847.59
4122959.92        0.10743
         592887.59    4122959.92        0.11739                       592927.59
4122959.92        0.12953
         592967.59    4122959.92        0.14312                       593007.59
4122959.92        0.15798
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***

INCLUDING SOURCE(S): L0006550 , L0006551 , L0006552 , L0006553 , L0006554 ,
L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 , L0006562 ,
L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 , L0006570 ,
L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.17384	593087.59	4122959.92	0.19017
593127.59	4122959.92	0.21146	593167.59	4122959.92	0.23664
593207.59	4122959.92	0.26257	593247.59	4122959.92	0.29752
593287.59	4122959.92	0.33679	593327.59	4122959.92	0.38758
593367.59	4122959.92	0.44015	593407.59	4122959.92	0.49783
593447.59	4122959.92	0.55130	593487.59	4122959.92	0.59988
593527.59	4122959.92	0.63730	593567.59	4122959.92	0.66700
593607.59	4122959.92	0.68372	593647.59	4122959.92	0.69207
593687.59	4122959.92	0.69349	593727.59	4122959.92	0.68795
593767.59	4122959.92	0.67572	593807.59	4122959.92	0.65645
593847.59	4122959.92	0.63139	593887.59	4122959.92	0.60028
593927.59	4122959.92	0.56436	593967.59	4122959.92	0.52567
594007.59	4122959.92	0.48476	592567.59	4122999.92	0.06786

592607.59 4122999.92 0.06859 592647.59 4122999.92 0.07394
592687.59 4122999.92 0.08040 592727.59 4122999.92 0.08862
592767.59 4122999.92 0.09863 592807.59 4122999.92 0.11008
592847.59 4122999.92 0.12211 592887.59 4122999.92 0.13514
592927.59 4122999.92 0.15050 592967.59 4122999.92 0.16784
593007.59 4122999.92 0.18752 593047.59 4122999.92 0.20940
593087.59 4122999.92 0.23252 593127.59 4122999.92 0.26446
593167.59 4122999.92 0.30009 593207.59 4122999.92 0.34029
593247.59 4122999.92 0.39491 593287.59 4122999.92 0.45833
593327.59 4122999.92 0.53755 593367.59 4122999.92 0.61652
593407.59 4122999.92 0.69633 593447.59 4122999.92 0.76174
593487.59 4122999.92 0.81543 593527.59 4122999.92 0.85041
593567.59 4122999.92 0.87411 593607.59 4122999.92 0.88121
593647.59 4122999.92 0.87754 593687.59 4122999.92 0.86538
593727.59 4122999.92 0.84606 593767.59 4122999.92 0.81848
593807.59 4122999.92 0.78217 593847.59 4122999.92 0.73794
593887.59 4122999.92 0.68664 593927.59 4122999.92 0.63125
593967.59 4122999.92 0.57523 594007.59 4122999.92 0.51910
592567.59 4123039.92 0.07343 592607.59 4123039.92 0.07571
592647.59 4123039.92 0.08120 592687.59 4123039.92 0.08886
592727.59 4123039.92 0.09859 592767.59 4123039.92 0.11264
592807.59 4123039.92 0.12517 592847.59 4123039.92 0.13952
592887.59 4123039.92 0.15635 592927.59 4123039.92 0.17631
592967.59 4123039.92 0.19951 593007.59 4123039.92 0.22696
593047.59 4123039.92 0.25880 593087.59 4123039.92 0.29289

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
INCLUDING SOURCE(S): L0006550 , L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 , L0006562 , L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 , L0006570 , L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	0.66138	593327.59	4123039.92	0.78701
593367.59	4123039.92	0.90158	593407.59	4123039.92	1.00251
593447.59	4123039.92	1.07312	593487.59	4123039.92	1.12302
593527.59	4123039.92	1.14582	593567.59	4123039.92	1.15504
593607.59	4123039.92	1.14320	593647.59	4123039.92	1.12082
593687.59	4123039.92	1.08899	593727.59	4123039.92	1.04749
593767.59	4123039.92	0.99504	593807.59	4123039.92	0.93045
593847.59	4123039.92	0.85644	593887.59	4123039.92	0.77618
593927.59	4123039.92	0.69526	593967.59		

4123039.92 0.61776
594007.59 4123039.92 0.54449 592567.59
4123079.92 0.07917
592607.59 4123079.92 0.08571 592647.59
4123079.92 0.08983
592687.59 4123079.92 0.09915 592727.59
4123079.92 0.11115
592767.59 4123079.92 0.12633 592807.59
4123079.92 0.14192
592847.59 4123079.92 0.16032 592887.59
4123079.92 0.18243
592927.59 4123079.92 0.20910 592967.59
4123079.92 0.24090
593007.59 4123079.92 0.28054 593047.59
4123079.92 0.32835
593087.59 4123079.92 0.38608 593127.59
4123079.92 0.45748
593167.59 4123079.92 0.54674 593207.59
4123079.92 0.66907
593247.59 4123079.92 0.83889 593287.59
4123079.92 1.03097
593327.59 4123079.92 1.22446 593367.59
4123079.92 1.37252
593407.59 4123079.92 1.48034 593447.59
4123079.92 1.53714
593487.59 4123079.92 1.56776 593527.59
4123079.92 1.56670
593567.59 4123079.92 1.55219 593607.59
4123079.92 1.51288
593647.59 4123079.92 1.46209 593687.59
4123079.92 1.39905
593727.59 4123079.92 1.31904 593767.59
4123079.92 1.21921
593807.59 4123079.92 1.10404 593847.59
4123079.92 0.98187
593887.59 4123079.92 0.86160 593927.59
4123079.92 0.74929
593967.59 4123079.92 0.64767 594007.59
4123079.92 0.55652
592567.59 4123119.92 0.08533 592607.59
4123119.92 0.09363
592647.59 4123119.92 0.10237 592687.59
4123119.92 0.11121
592727.59 4123119.92 0.12589 592767.59
4123119.92 0.14224
592807.59 4123119.92 0.16158 592847.59
4123119.92 0.18511
592887.59 4123119.92 0.21435 592927.59
4123119.92 0.25056
592967.59 4123119.92 0.29585 593007.59

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4123119.92        0.35437
         593047.59    4123119.92        0.42970                      593087.59
4123119.92        0.52866
         593127.59    4123119.92        0.65662                      593167.59
4123119.92        0.82853
         593207.59    4123119.92        1.08369                      593247.59
4123119.92        1.42902
         593287.59    4123119.92        1.76492                      593327.59
4123119.92        2.02154
         593367.59    4123119.92        2.16721                      593407.59
4123119.92        2.24244
         593447.59    4123119.92        2.25788                      593487.59
4123119.92        2.25149
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 345
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593527.59    4123119.92        2.21717                      593567.59
4123119.92        2.16731
         593607.59    4123119.92        2.08862                      593647.59
4123119.92        1.99138
         593687.59    4123119.92        1.86710                      593727.59
4123119.92        1.70048
         593767.59    4123119.92        1.49948                      593807.59
4123119.92        1.29383
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593847.59 4123119.92 1.10250 593887.59 4123119.92 0.93294
593927.59 4123119.92 0.78591 593967.59 4123119.92 0.65970
594007.59 4123119.92 0.55176 592567.59 4123159.92 0.09222
592607.59 4123159.92 0.10197 592647.59 4123159.92 0.11329
592687.59 4123159.92 0.12544 592727.59 4123159.92 0.14130
592767.59 4123159.92 0.16105 592807.59 4123159.92 0.18541
592847.59 4123159.92 0.21564 592887.59 4123159.92 0.25424
592927.59 4123159.92 0.30391 592967.59 4123159.92 0.36960
593007.59 4123159.92 0.46031 593047.59 4123159.92 0.58491
593087.59 4123159.92 0.76439 593127.59 4123159.92 1.02260
593167.59 4123159.92 1.43467 593207.59 4123159.92 2.11376
593247.59 4123159.92 2.85145 593287.59 4123159.92 3.31342
593327.59 4123159.92 3.52066 593367.59 4123159.92 3.57690
593407.59 4123159.92 3.56523 593447.59 4123159.92 3.51743
593487.59 4123159.92 3.46214 593527.59 4123159.92 3.39254
593567.59 4123159.92 3.29521 593607.59 4123159.92 3.14758
593647.59 4123159.92 2.94313 593687.59 4123159.92 2.63433
593727.59 4123159.92 2.22048 593767.59 4123159.92 1.81360
593807.59 4123159.92 1.47504 593847.59 4123159.92 1.20270
593887.59 4123159.92 0.98101 593927.59 4123159.92 0.79858
593967.59 4123159.92 0.64886 594007.59 4123159.92 0.52714
592567.59 4123199.92 0.09977 592607.59 4123199.92 0.11112
592647.59 4123199.92 0.12476 592687.59 4123199.92 0.14035
592727.59 4123199.92 0.15905 592767.59 4123199.92 0.18362
592807.59 4123199.92 0.21462 592847.59 4123199.92 0.25491

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         592887.59    4123199.92        0.30654                      592927.59
4123199.92        0.37566
         592967.59    4123199.92        0.47296                      593007.59
4123199.92        0.61524
         593047.59    4123199.92        0.84235                      593087.59
4123199.92        1.22427
         593127.59    4123199.92        1.90642                      593167.59
4123199.92        3.42040
         593207.59    4123199.92        5.72908                      593247.59
4123199.92        6.74953
         593287.59    4123199.92        6.92422                      593327.59
4123199.92        6.86215
         593367.59    4123199.92        6.73018                      593407.59
4123199.92        6.58222
         593447.59    4123199.92        6.45268                      593487.59
4123199.92        6.35212
         593527.59    4123199.92        6.23340                      593567.59
4123199.92        6.05794
         593607.59    4123199.92        5.73348                      593647.59
4123199.92        5.04516
         593687.59    4123199.92        3.85517                      593727.59
4123199.92        2.81624
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 346
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
593767.59 4123199.92 2.11308 593807.59
4123199.92 1.63166
593847.59 4123199.92 1.27591 593887.59
4123199.92 0.99828
593927.59 4123199.92 0.77966 593967.59
4123199.92 0.61013
594007.59 4123199.92 0.48085 592567.59
4123239.92 0.10817
592607.59 4123239.92 0.12147 592647.59
4123239.92 0.13817
592687.59 4123239.92 0.15790 592727.59
4123239.92 0.18132
592767.59 4123239.92 0.21121 592807.59
4123239.92 0.25143
592847.59 4123239.92 0.30431 592887.59
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592927.59 4123239.92 0.47146 592967.59
4123239.92 0.62083
593007.59 4123239.92 0.85612 593047.59
4123239.92 1.29381
593087.59 4123239.92 2.25348 593127.59
4123239.92 5.35311
593167.59 4123239.92 11.09371 593207.59
4123239.92 11.44331
593247.59 4123239.92 12.17493 593287.59
4123239.92 10.34542
593327.59 4123239.92 11.47129 593367.59
4123239.92 9.87305
593407.59 4123239.92 11.13051 593447.59
4123239.92 9.68631
593487.59 4123239.92 12.97276 593527.59
4123239.92 9.35521
593567.59 4123239.92 12.50548 593607.59
4123239.92 12.85829
593647.59 4123239.92 9.10681 593687.59
4123239.92 5.19357
593727.59 4123239.92 3.39888 593767.59
4123239.92 2.42165
593807.59 4123239.92 1.78526 593847.59
4123239.92 1.31790
593887.59 4123239.92 0.97053 593927.59
4123239.92 0.71899
593967.59 4123239.92 0.54085 594007.59
4123239.92 0.41544
592567.59 4123279.92 0.11792 592607.59
4123279.92 0.13380
592647.59 4123279.92 0.15370 592687.59
4123279.92 0.17843
592727.59 4123279.92 0.20944 592767.59

```
4123279.92        0.24752
         592807.59    4123279.92        0.30002                      592847.59
4123279.92        0.37288
         592887.59    4123279.92        0.47017                      592927.59
4123279.92        0.61843
         592967.59    4123279.92        0.85604                      593007.59
4123279.92        1.27647
         593047.59    4123279.92        2.19260                      593087.59
4123279.92        5.05625
         593127.59    4123279.92       11.21800                      593167.59
4123279.92       13.76907
         593207.59    4123279.92       10.35432                      593247.59
4123279.92        9.24508
         593287.59    4123279.92        8.71519                      593327.59
4123279.92        8.42443
         593367.59    4123279.92        8.24286                      593407.59
4123279.92        7.86234
         593447.59    4123279.92        7.92423                      593487.59
4123279.92        8.08887
         593527.59    4123279.92        8.06329                      593567.59
4123279.92        8.06610
         593607.59    4123279.92       10.17258                      593647.59
4123279.92        5.07894
         593687.59    4123279.92        7.18625                      593727.59
4123279.92        4.37149
         593767.59    4123279.92        2.89526                      593807.59
4123279.92        1.92995
         593847.59    4123279.92        1.28240                      593887.59
4123279.92        0.86936
         593927.59    4123279.92        0.61080                      593967.59
4123279.92        0.44709
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                 INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	0.34031	592567.59	4123319.92	0.12963
592607.59	4123319.92	0.14837	592647.59	4123319.92	0.17219
592687.59	4123319.92	0.20290	592727.59	4123319.92	0.24365
592767.59	4123319.92	0.29764	592807.59	4123319.92	0.36777
592847.59	4123319.92	0.47324	592887.59	4123319.92	0.62414
592927.59	4123319.92	0.86533	592967.59	4123319.92	1.26079
593007.59	4123319.92	2.02180	593047.59	4123319.92	3.76047
593087.59	4123319.92	9.48262	593127.59	4123319.92	11.19013
593167.59	4123319.92	8.68319	593207.59	4123319.92	6.02822
593247.59	4123319.92	4.90525	593287.59	4123319.92	4.32416
593327.59	4123319.92	3.98738	593367.59	4123319.92	3.77663
593407.59	4123319.92	3.53682	593447.59	4123319.92	3.52511
593487.59	4123319.92	3.47799	593527.59	4123319.92	3.47663
593567.59	4123319.92	3.77850	593607.59	4123319.92	5.25346
593647.59	4123319.92	4.72130	593687.59	4123319.92	12.12524
593727.59	4123319.92	6.36270	593767.59	4123319.92	3.41106
593807.59	4123319.92	1.84567	593847.59	4123319.92	1.07440
593887.59	4123319.92	0.68475	593927.59	4123319.92	0.47329
593967.59	4123319.92	0.34890	594007.59	4123319.92	0.27031
592567.59	4123359.92	0.14329	592607.59	4123359.92	0.16578

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         592647.59    4123359.92        0.19479                      592687.59
4123359.92        0.23325
         592727.59    4123359.92        0.28592                      592767.59
4123359.92        0.36047
         592807.59    4123359.92        0.46590                      592847.59
4123359.92        0.62293
         592887.59    4123359.92        0.87381                      592927.59
4123359.92        1.28740
         592967.59    4123359.92        1.97596                      593007.59
4123359.92        3.25170
         593047.59    4123359.92        5.73942                      593087.59
4123359.92        8.90605
         593127.59    4123359.92       13.00995                      593167.59
4123359.92        6.52421
         593207.59    4123359.92        4.28650                      593247.59
4123359.92        3.28238
         593287.59    4123359.92        2.77444                      593327.59
4123359.92        2.49144
         593367.59    4123359.92        2.32057                      593407.59
4123359.92        2.17626
         593447.59    4123359.92        2.11012                      593487.59
4123359.92        2.11469
         593527.59    4123359.92        2.19699                      593567.59
4123359.92        2.49468
         593607.59    4123359.92        3.29702                      593647.59
4123359.92        5.45258
         593687.59    4123359.92        5.04105                      593727.59
4123359.92        8.25663
         593767.59    4123359.92        2.89545                      593807.59
4123359.92        1.29961
         593847.59    4123359.92        0.73744                      593887.59
4123359.92        0.48580
         593927.59    4123359.92        0.35136                      593967.59
4123359.92        0.27018
         594007.59    4123359.92        0.21682                      592567.59
4123399.92        0.15993
         592607.59    4123399.92        0.18700                      592647.59
4123399.92        0.22251
         592687.59    4123399.92        0.27058                      592727.59
4123399.92        0.33787
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
```

INCLUDING SOURCE(S): L0006550 , L0006551
, L0006552 , L0006553 , L0006554 ,
L0006555 , L0006556 , L0006557 , L0006558 , L0006559
, L0006560 , L0006561 , L0006562 ,
L0006563 , L0006564 , L0006565 , L0006566 , L0006567
, L0006568 , L0006569 , L0006570 ,
L0006571 , L0006572 , L0006573 , L0006574 , L0006575
, L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592767.59	4123399.92	0.43618	592807.59	4123399.92	0.58857
592847.59	4123399.92	0.83493	592887.59	4123399.92	1.29324
592927.59	4123399.92	2.17197	592967.59	4123399.92	3.92609
593007.59	4123399.92	6.00812	593047.59	4123399.92	9.07374
593087.59	4123399.92	9.17333	593127.59	4123399.92	9.41476
593167.59	4123399.92	4.61467	593207.59	4123399.92	2.95867
593247.59	4123399.92	2.25045	593287.59	4123399.92	1.90131
593327.59	4123399.92	1.70970	593367.59	4123399.92	1.59452
593407.59	4123399.92	1.52613	593447.59	4123399.92	1.49346
593487.59	4123399.92	1.50587	593527.59	4123399.92	1.59451
593567.59	4123399.92	1.80568	593607.59	4123399.92	2.26598
593647.59	4123399.92	3.41066	593687.59	4123399.92	4.78111
593727.59	4123399.92	3.99857	593767.59	4123399.92	1.34838
593807.59	4123399.92	0.73499	593847.59	4123399.92	0.48474
593887.59	4123399.92	0.35224	593927.59	4123399.92	0.27172
593967.59	4123399.92	0.21852	594007.59		

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4123399.92        0.18123
         592567.59    4123439.92        0.18015                       592607.59
4123439.92        0.21275
         592647.59    4123439.92        0.25603                       592687.59
4123439.92        0.31518
         592727.59    4123439.92        0.39907                       592767.59
4123439.92        0.52447
         592807.59    4123439.92        0.72854                       592847.59
4123439.92        1.11858
         592887.59    4123439.92        2.17708                       592927.59
4123439.92        7.65711
         592967.59    4123439.92       11.97192                       593007.59
4123439.92       13.36832
         593047.59    4123439.92       18.00517                       593087.59
4123439.92       16.18464
         593127.59    4123439.92        5.12161                       593167.59
4123439.92        2.72780
         593207.59    4123439.92        1.91159                       593247.59
4123439.92        1.54520
         593287.59    4123439.92        1.35217                       593327.59
4123439.92        1.24059
         593367.59    4123439.92        1.17139                       593407.59
4123439.92        1.13206
         593447.59    4123439.92        1.12208                       593487.59
4123439.92        1.14750
         593527.59    4123439.92        1.21901                       593567.59
4123439.92        1.35526
         593607.59    4123439.92        1.58952                       593647.59
4123439.92        1.89866
         593687.59    4123439.92        1.86306                       593727.59
4123439.92        1.16967
         593767.59    4123439.92        0.71631                       593807.59
4123439.92        0.48949
         593847.59    4123439.92        0.36234                       593887.59
4123439.92        0.28240
         593927.59    4123439.92        0.22814                       593967.59
4123439.92        0.18926
         594007.59    4123439.92        0.16041                       592567.59
4123479.92        0.20431
         592607.59    4123479.92        0.24347                       592647.59
4123479.92        0.29589
         592687.59    4123479.92        0.36834                       592727.59
4123479.92        0.47326
         592767.59    4123479.92        0.63670                       592807.59
4123479.92        0.92446
         592847.59    4123479.92        1.57189                       592887.59
4123479.92        3.69345
         592927.59    4123479.92        7.67147                       592967.59
4123479.92        9.22760
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
INCLUDING SOURCE(S):   L0006550   , L0006551   , L0006552   , L0006553   , L0006554   ,
L0006555   , L0006556   , L0006557   , L0006558   , L0006559   , L0006560   , L0006561   , L0006562   ,
L0006563   , L0006564   , L0006565   , L0006566   , L0006567   , L0006568   , L0006569   , L0006570   ,
L0006571   , L0006572   , L0006573   , L0006574   , L0006575   , L0006576   , L0006577   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	9.37071	593047.59	4123479.92	9.42402
593087.59	4123479.92	4.19392	593127.59	4123479.92	2.31593
593167.59	4123479.92	1.62312	593207.59	4123479.92	1.29791
593247.59	4123479.92	1.12110	593287.59	4123479.92	1.01532
593327.59	4123479.92	0.94921	593367.59	4123479.92	0.91003
593407.59	4123479.92	0.88955	593447.59	4123479.92	0.88502
593487.59	4123479.92	0.89742	593527.59	4123479.92	0.92747
593567.59	4123479.92	0.96889	593607.59	4123479.92	0.99513
593647.59	4123479.92	0.95543	593687.59	4123479.92	0.82691
593727.59	4123479.92	0.63349	593767.59	4123479.92	0.47890
593807.59	4123479.92	0.36962	593847.59	4123479.92	0.29285

593887.59 4123479.92 0.23844 593927.59
4123479.92 0.19856
593967.59 4123479.92 0.16835 594007.59
4123479.92 0.14504
592567.59 4123519.92 0.23230 592607.59
4123519.92 0.27894
592647.59 4123519.92 0.34188 592687.59
4123519.92 0.42994
592727.59 4123519.92 0.55942 592767.59
4123519.92 0.76259
592807.59 4123519.92 1.10321 592847.59
4123519.92 1.67779
592887.59 4123519.92 2.49075 592927.59
4123519.92 3.23993
592967.59 4123519.92 3.70611 593007.59
4123519.92 3.53868
593047.59 4123519.92 2.74137 593087.59
4123519.92 1.92894
593127.59 4123519.92 1.41771 593167.59
4123519.92 1.13422
593207.59 4123519.92 0.96991 593247.59
4123519.92 0.86782
593287.59 4123519.92 0.80131 593327.59
4123519.92 0.75674
593367.59 4123519.92 0.72789 593407.59
4123519.92 0.71125
593447.59 4123519.92 0.70348 593487.59
4123519.92 0.70109
593527.59 4123519.92 0.69860 593567.59
4123519.92 0.68694
593607.59 4123519.92 0.65530 593647.59
4123519.92 0.60018
593687.59 4123519.92 0.52095 593727.59
4123519.92 0.42708
593767.59 4123519.92 0.34841 593807.59
4123519.92 0.28680
593847.59 4123519.92 0.23888 593887.59
4123519.92 0.20180
593927.59 4123519.92 0.17319 593967.59
4123519.92 0.15025
594007.59 4123519.92 0.13181 592567.59
4123559.92 0.26241
592607.59 4123559.92 0.31591 592647.59
4123559.92 0.38731
592687.59 4123559.92 0.48492 592727.59
4123559.92 0.62092
592767.59 4123559.92 0.81026 592807.59
4123559.92 1.06038
592847.59 4123559.92 1.34777 592887.59
4123559.92 1.61836

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                 INCLUDING SOURCE(S):   L0006550   , L0006551
 , L0006552   , L0006553   , L0006554   ,
                  L0006555   , L0006556   , L0006557   , L0006558   , L0006559
 , L0006560   , L0006561   , L0006562   ,
                  L0006563   , L0006564   , L0006565   , L0006566   , L0006567
 , L0006568   , L0006569   , L0006570   ,
                  L0006571   , L0006572   , L0006573   , L0006574   , L0006575
 , L0006576   , L0006577   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593247.59   4123559.92   0.69240   593287.59
4123559.92   0.64908
         593327.59   4123559.92   0.61803   593367.59
4123559.92   0.59545
         593407.59   4123559.92   0.57857   593447.59
4123559.92   0.56432
         593487.59   4123559.92   0.54910   593527.59
4123559.92   0.52909
         593567.59   4123559.92   0.50103   593607.59
4123559.92   0.46431
         593647.59   4123559.92   0.42110   593687.59
4123559.92   0.37001
         593727.59   4123559.92   0.31567   593767.59

4123559.92 0.26894
593807.59 4123559.92 0.23080 593847.59
4123559.92 0.19907
593887.59 4123559.92 0.17273 593927.59
4123559.92 0.15159
593967.59 4123559.92 0.13415 594007.59
4123559.92 0.11973
592567.59 4123599.92 0.28961 592607.59
4123599.92 0.34608
592647.59 4123599.92 0.41820 592687.59
4123599.92 0.51000
592727.59 4123599.92 0.62443 592767.59
4123599.92 0.75876
592807.59 4123599.92 0.88941 592847.59
4123599.92 0.99602
592887.59 4123599.92 1.06133 592927.59
4123599.92 1.07678
592967.59 4123599.92 1.04456 593007.59
4123599.92 0.98088
593047.59 4123599.92 0.89650 593087.59
4123599.92 0.80442
593127.59 4123599.92 0.72210 593167.59
4123599.92 0.65672
593207.59 4123599.92 0.60672 593247.59
4123599.92 0.56810
593287.59 4123599.92 0.53758 593327.59
4123599.92 0.51296
593367.59 4123599.92 0.49242 593407.59
4123599.92 0.47360
593447.59 4123599.92 0.45442 593487.59
4123599.92 0.43335
593527.59 4123599.92 0.40867 593567.59
4123599.92 0.38114
593607.59 4123599.92 0.35124 593647.59
4123599.92 0.31934
593687.59 4123599.92 0.28422 593727.59
4123599.92 0.24857
593767.59 4123599.92 0.21743 593807.59
4123599.92 0.19168
593847.59 4123599.92 0.16946 593887.59
4123599.92 0.15005
593927.59 4123599.92 0.13389 593967.59
4123599.92 0.12019
594007.59 4123599.92 0.10878 593087.59
4123639.92 0.62067
593127.59 4123639.92 0.57476 593167.59
4123639.92 0.53473
593207.59 4123639.92 0.50071 593247.59
4123639.92 0.47244
593287.59 4123639.92 0.44841 593327.59

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4123639.92        0.42737
         593367.59    4123639.92        0.40794                       593407.59
4123639.92        0.38889
         593447.59    4123639.92        0.36900                       593487.59
4123639.92        0.34786
         593527.59    4123639.92        0.32537                       593567.59
4123639.92        0.30232
         593607.59    4123639.92        0.27906                       593647.59
4123639.92        0.25462
         593687.59    4123639.92        0.22920                       593727.59
4123639.92        0.20401
         593767.59    4123639.92        0.18178                       593807.59
4123639.92        0.16304
         593847.59    4123639.92        0.14687                       593887.59
4123639.92        0.13214
         593927.59    4123639.92        0.11946                       593967.59
4123639.92        0.10839
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         594007.59    4123639.92        0.09906                       593087.59
4123679.92        0.49935
         593127.59    4123679.92        0.46711                       593167.59
4123679.92        0.43925
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593207.59 4123679.92 0.41518 593247.59 4123679.92 0.39411
593287.59 4123679.92 0.37516 593327.59 4123679.92 0.35732
593367.59 4123679.92 0.33988 593407.59 4123679.92 0.32218
593447.59 4123679.92 0.30398 593487.59 4123679.92 0.28516
593527.59 4123679.92 0.26644 593567.59 4123679.92 0.24783
593607.59 4123679.92 0.22943 593647.59 4123679.92 0.21048
593687.59 4123679.92 0.19114 593727.59 4123679.92 0.17244
593767.59 4123679.92 0.15567 593807.59 4123679.92 0.14131
593847.59 4123679.92 0.12901 593887.59 4123679.92 0.11765
593927.59 4123679.92 0.10758 593967.59 4123679.92 0.09851
594007.59 4123679.92 0.09070 593087.59 4123719.92 0.40753
593127.59 4123719.92 0.38606 593167.59 4123719.92 0.36623
593207.59 4123719.92 0.34825 593247.59 4123719.92 0.33171
593287.59 4123719.92 0.31606 593327.59 4123719.92 0.30075
593367.59 4123719.92 0.28546 593407.59 4123719.92 0.26985
593447.59 4123719.92 0.25416 593487.59 4123719.92 0.23849
593527.59 4123719.92 0.22316 593567.59 4123719.92 0.20832
593607.59 4123719.92 0.19340 593647.59 4123719.92 0.17843
593687.59 4123719.92 0.16334 593727.59 4123719.92 0.14883
593767.59 4123719.92 0.13576 593807.59 4123719.92 0.12441
593847.59 4123719.92 0.11461 593887.59 4123719.92 0.10570
593927.59 4123719.92 0.09761 593967.59 4123719.92 0.09015
594007.59 4123719.92 0.08353 593087.59 4123759.92 0.34009
593127.59 4123759.92 0.32443 593167.59 4123759.92 0.30944
593207.59 4123759.92 0.29524 593247.59 4123759.92 0.28168

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         593287.59    4123759.92        0.26847                      593327.59
4123759.92        0.25532
         593367.59    4123759.92        0.24200                      593407.59
4123759.92        0.22881
         593447.59    4123759.92        0.21558                      593487.59
4123759.92        0.20284
         593527.59    4123759.92        0.19038                      593567.59
4123759.92        0.17835
         593607.59    4123759.92        0.16622                      593647.59
4123759.92        0.15404
         593687.59    4123759.92        0.14209                      593727.59
4123759.92        0.13058
         593767.59    4123759.92        0.12010                      593807.59
4123759.92        0.11085
         593847.59    4123759.92        0.10288                      593887.59
4123759.92        0.09583
         593927.59    4123759.92        0.08918                      593967.59
4123759.92        0.08296
         594007.59    4123759.92        0.07733                      593087.59
4123799.92        0.28845
         593127.59    4123799.92        0.27630                      593167.59
4123799.92        0.26437
         593207.59    4123799.92        0.25275                      593247.59
4123799.92        0.24136
         593287.59    4123799.92        0.23010                      593327.59
4123799.92        0.21883
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	0.20745	593407.59	4123799.92	0.19632
593447.59	4123799.92	0.18544	593487.59	4123799.92	0.17493
593527.59	4123799.92	0.16484	593567.59	4123799.92	0.15484
593607.59	4123799.92	0.14498	593647.59	4123799.92	0.13498
593687.59	4123799.92	0.12524	593727.59	4123799.92	0.11607
593767.59	4123799.92	0.10741	593807.59	4123799.92	0.09980
593847.59	4123799.92	0.09325	593887.59	4123799.92	0.08743
593927.59	4123799.92	0.08194	593967.59	4123799.92	0.07671
594007.59	4123799.92	0.07193	593087.59	4123839.92	0.24781
593127.59	4123839.92	0.23793	593167.59	4123839.92	0.22808
593207.59	4123839.92	0.21832	593247.59	4123839.92	0.20862
593287.59	4123839.92	0.19898	593327.59	4123839.92	0.18940
593367.59	4123839.92	0.17982	593407.59	4123839.92	0.17043
593447.59	4123839.92	0.16145	593487.59	4123839.92	0.15273
593527.59	4123839.92	0.14440	593567.59	4123839.92	0.13608
593607.59	4123839.92	0.12784	593647.59	4123839.92	0.11961
593687.59	4123839.92	0.11164	593727.59	4123839.92	0.10414
593767.59	4123839.92	0.09698	593807.59	4123839.92	0.09068
593847.59	4123839.92	0.08511	593887.59	4123839.92	0.08015
593927.59	4123839.92	0.07554	593967.59	4123839.92	0.07117
594007.59	4123839.92	0.06710	593087.59	4123879.92	0.21517
593127.59	4123879.92	0.20687	593167.59	4123879.92	0.19852
593207.59	4123879.92	0.19020	593247.59		

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4123879.92        0.18195
         593287.59    4123879.92        0.17363                      593327.59
4123879.92        0.16543
         593367.59    4123879.92        0.15748                      593407.59
4123879.92        0.14959
         593447.59    4123879.92        0.14204                      593487.59
4123879.92        0.13479
         593527.59    4123879.92        0.12775                      593567.59
4123879.92        0.12079
         593607.59    4123879.92        0.11387                      593647.59
4123879.92        0.10704
         593687.59    4123879.92        0.10038                      593727.59
4123879.92        0.09411
         593767.59    4123879.92        0.08823                      593807.59
4123879.92        0.08291
         593847.59    4123879.92        0.07815                      593887.59
4123879.92        0.07387
         593927.59    4123879.92        0.06997                      593967.59
4123879.92        0.06626
         594007.59    4123879.92        0.06278

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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592567.59 4122799.92 0.02914 592607.59 4122799.92 0.03026
592647.59 4122799.92 0.03138 592687.59 4122799.92 0.03278
592727.59 4122799.92 0.03415 592767.59 4122799.92 0.03571
592807.59 4122799.92 0.03751 592847.59 4122799.92 0.03919
592887.59 4122799.92 0.04135 592927.59 4122799.92 0.04381
592967.59 4122799.92 0.04645 593007.59 4122799.92 0.04909
593047.59 4122799.92 0.05212 593087.59 4122799.92 0.05520
593127.59 4122799.92 0.05873 593167.59 4122799.92 0.06222
593207.59 4122799.92 0.06665 593247.59 4122799.92 0.07071
593287.59 4122799.92 0.07415 593327.59 4122799.92 0.07819
593367.59 4122799.92 0.08395 593407.59 4122799.92 0.09037
593447.59 4122799.92 0.09448 593487.59 4122799.92 0.09873
593527.59 4122799.92 0.10389 593567.59 4122799.92 0.10985
593607.59 4122799.92 0.11586 593647.59 4122799.92 0.12273
593687.59 4122799.92 0.12966 593727.59 4122799.92 0.13772
593767.59 4122799.92 0.14798 593807.59 4122799.92 0.15928
593847.59 4122799.92 0.17308 593887.59 4122799.92 0.18797
593927.59 4122799.92 0.20378 593967.59 4122799.92 0.21975
594007.59 4122799.92 0.23420 592567.59 4122839.92 0.03074
592607.59 4122839.92 0.03195 592647.59 4122839.92 0.03317
592687.59 4122839.92 0.03452 592727.59 4122839.92 0.03611
592767.59 4122839.92 0.03800 592807.59 4122839.92 0.03976
592847.59 4122839.92 0.04169 592887.59 4122839.92 0.04393
592927.59 4122839.92 0.04667 592967.59 4122839.92 0.04960
593007.59 4122839.92 0.05327 593047.59 4122839.92 0.05728

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         593087.59    4122839.92        0.06016                      593127.59
4122839.92        0.06411
         593167.59    4122839.92        0.06877                      593207.59
4122839.92        0.07393
         593247.59    4122839.92        0.07895                      593287.59
4122839.92        0.08434
         593327.59    4122839.92        0.08977                      593367.59
4122839.92        0.09636
         593407.59    4122839.92        0.10326                      593447.59
4122839.92        0.10848
         593487.59    4122839.92        0.11395                      593527.59
4122839.92        0.12063
         593567.59    4122839.92        0.12862                      593607.59
4122839.92        0.13575
         593647.59    4122839.92        0.14457                      593687.59
4122839.92        0.15430
         593727.59    4122839.92        0.16482                      593767.59
4122839.92        0.17883
         593807.59    4122839.92        0.19396                      593847.59
4122839.92        0.21188
         593887.59    4122839.92        0.23075                      593927.59
4122839.92        0.25030
         593967.59    4122839.92        0.26906                      594007.59
4122839.92        0.28492
         592567.59    4122879.92        0.03253                      592607.59
4122879.92        0.03387
         592647.59    4122879.92        0.03516                      592687.59
4122879.92        0.03654
         592727.59    4122879.92        0.03844                      592767.59
4122879.92        0.04042
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.04234	592847.59	4122879.92	0.04474
592887.59	4122879.92	0.04736	592927.59	4122879.92	0.05036
592967.59	4122879.92	0.05366	593007.59	4122879.92	0.05738
593047.59	4122879.92	0.06182	593087.59	4122879.92	0.06562
593127.59	4122879.92	0.06995	593167.59	4122879.92	0.07650
593207.59	4122879.92	0.08184	593247.59	4122879.92	0.08931
593287.59	4122879.92	0.09680	593327.59	4122879.92	0.10396
593367.59	4122879.92	0.11081	593407.59	4122879.92	0.11833
593447.59	4122879.92	0.12533	593487.59	4122879.92	0.13330
593527.59	4122879.92	0.14211	593567.59	4122879.92	0.15154
593607.59	4122879.92	0.16077	593647.59	4122879.92	0.17278
593687.59	4122879.92	0.18624	593727.59	4122879.92	0.20179
593767.59	4122879.92	0.22063	593807.59	4122879.92	0.24142
593847.59	4122879.92	0.26471	593887.59	4122879.92	0.28858
593927.59	4122879.92	0.31195	593967.59	4122879.92	0.33279
594007.59	4122879.92	0.34879	592567.59	4122919.92	0.03445
592607.59	4122919.92	0.03586	592647.59	4122919.92	0.03743
592687.59	4122919.92	0.03915	592727.59	4122919.92	0.04112
592767.59	4122919.92	0.04316	592807.59	4122919.92	0.04532
592847.59	4122919.92	0.04803	592887.59	4122919.92	0.05078
592927.59	4122919.92	0.05471	592967.59		

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4122919.92        0.05872
         593007.59    4122919.92        0.06264                       593047.59
4122919.92        0.06664
         593087.59    4122919.92        0.07189                       593127.59
4122919.92        0.07776
         593167.59    4122919.92        0.08594                       593207.59
4122919.92        0.09159
         593247.59    4122919.92        0.10214                       593287.59
4122919.92        0.10970
         593327.59    4122919.92        0.11995                       593367.59
4122919.92        0.12828
         593407.59    4122919.92        0.13761                       593447.59
4122919.92        0.14748
         593487.59    4122919.92        0.15850                       593527.59
4122919.92        0.16925
         593567.59    4122919.92        0.18128                       593607.59
4122919.92        0.19417
         593647.59    4122919.92        0.21032                       593687.59
4122919.92        0.22974
         593727.59    4122919.92        0.25267                       593767.59
4122919.92        0.27927
         593807.59    4122919.92        0.30818                       593847.59
4122919.92        0.33828
         593887.59    4122919.92        0.36764                       593927.59
4122919.92        0.39374
         593967.59    4122919.92        0.41441                       594007.59
4122919.92        0.42779
         592567.59    4122959.92        0.03668                       592607.59
4122959.92        0.03814
         592647.59    4122959.92        0.03988                       592687.59
4122959.92        0.04179
         592727.59    4122959.92        0.04398                       592767.59
4122959.92        0.04627
         592807.59    4122959.92        0.04871                       592847.59
4122959.92        0.05180
         592887.59    4122959.92        0.05489                       592927.59
4122959.92        0.05881
         592967.59    4122959.92        0.06326                       593007.59
4122959.92        0.06857
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
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 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593047.59    4122959.92        0.07418                       593087.59
4122959.92        0.07906
         593127.59    4122959.92        0.08704                       593167.59
4122959.92        0.09708
         593207.59    4122959.92        0.10517                       593247.59
4122959.92        0.11746
         593287.59    4122959.92        0.12700                       593327.59
4122959.92        0.13980
         593367.59    4122959.92        0.14973                       593407.59
4122959.92        0.16277
         593447.59    4122959.92        0.17527                       593487.59
4122959.92        0.18999
         593527.59    4122959.92        0.20403                       593567.59
4122959.92        0.22183
         593607.59    4122959.92        0.23974                       593647.59
4122959.92        0.26207
         593687.59    4122959.92        0.28996                       593727.59
4122959.92        0.32365
         593767.59    4122959.92        0.36205                       593807.59
4122959.92        0.40190
         593847.59    4122959.92        0.44112                       593887.59
4122959.92        0.47499
         593927.59    4122959.92        0.50069                       593967.59
4122959.92        0.51708
         594007.59    4122959.92        0.52237                       592567.59
4122999.92        0.03942
         592607.59    4122999.92        0.04058                       592647.59
4122999.92        0.04246
         592687.59    4122999.92        0.04460                       592727.59
4122999.92        0.04705
         592767.59    4122999.92        0.04971                       592807.59
4122999.92        0.05257
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         592847.59    4122999.92        0.05595                      592887.59
4122999.92        0.05968
         592927.59    4122999.92        0.06401                      592967.59
4122999.92        0.06889
         593007.59    4122999.92        0.07492                      593047.59
4122999.92        0.08133
         593087.59    4122999.92        0.08724                      593127.59
4122999.92        0.09790
         593167.59    4122999.92        0.11017                      593207.59
4122999.92        0.12102
         593247.59    4122999.92        0.13526                      593287.59
4122999.92        0.14770
         593327.59    4122999.92        0.16429                      593367.59
4122999.92        0.17828
         593407.59    4122999.92        0.19660                      593447.59
4122999.92        0.21285
         593487.59    4122999.92        0.23272                      593527.59
4122999.92        0.25296
         593567.59    4122999.92        0.27880                      593607.59
4122999.92        0.30644
         593647.59    4122999.92        0.34030                      593687.59
4122999.92        0.38229
         593727.59    4122999.92        0.43258                      593767.59
4122999.92        0.48673
         593807.59    4122999.92        0.53971                      593847.59
4122999.92        0.58586
         593887.59    4122999.92        0.61931                      593927.59
4122999.92        0.63773
         593967.59    4122999.92        0.64176                      594007.59
4122999.92        0.63079
         592567.59    4123039.92        0.04194                      592607.59
4123039.92        0.04325
         592647.59    4123039.92        0.04523                      592687.59
4123039.92        0.04763
         592727.59    4123039.92        0.05038                      592767.59
4123039.92        0.05350
         592807.59    4123039.92        0.05688                      592847.59
4123039.92        0.06065
         592887.59    4123039.92        0.06488                      592927.59
4123039.92        0.06985
         592967.59    4123039.92        0.07553                      593007.59
4123039.92        0.08265
         593047.59    4123039.92        0.09043                      593087.59
4123039.92        0.09752
         593127.59    4123039.92        0.11088                      593167.59
4123039.92        0.12601
         593207.59    4123039.92        0.14028                      593247.59
4123039.92        0.15691
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P1ON ***
INCLUDING SOURCE(S): L0005351 , L0005352 , L0005353 , L0005354 , L0005355 , L0005356 , L0005357 , L0005358 , L0005359 , L0005360 , L0005361 , L0005362 , L0005363 , L0005364 , L0005365 , L0005366 , L0005367 , L0005368 , L0005369 , L0005370 , L0005371 , L0005372 , L0005373 , L0005374 , L0005375 , L0005376 , L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	0.17304	593327.59	4123039.92	0.19529
593367.59	4123039.92	0.21461	593407.59	4123039.92	0.23928
593447.59	4123039.92	0.26303	593487.59	4123039.92	0.29256
593527.59	4123039.92	0.32340	593567.59	4123039.92	0.36221
593607.59	4123039.92	0.40472	593647.59	4123039.92	0.45827
593687.59	4123039.92	0.52365	593727.59	4123039.92	0.59775
593767.59	4123039.92	0.67290	593807.59	4123039.92	0.73813
593847.59	4123039.92	0.78476	593887.59	4123039.92	0.80683
593927.59	4123039.92	0.80536	593967.59	4123039.92	0.78445
594007.59	4123039.92	0.74653	592567.59	4123079.92	0.04452
592607.59	4123079.92	0.04628	592647.59	4123079.92	0.04819
592687.59	4123079.92	0.05091	592727.59		

4123079.92 0.05398
592767.59 4123079.92 0.05750 592807.59
4123079.92 0.06141
592847.59 4123079.92 0.06579 592887.59
4123079.92 0.07081
592927.59 4123079.92 0.07692 592967.59
4123079.92 0.08351
593007.59 4123079.92 0.09188 593047.59
4123079.92 0.10129
593087.59 4123079.92 0.11217 593127.59
4123079.92 0.12593
593167.59 4123079.92 0.14270 593207.59
4123079.92 0.16133
593247.59 4123079.92 0.18355 593287.59
4123079.92 0.20543
593327.59 4123079.92 0.23521 593367.59
4123079.92 0.26265
593407.59 4123079.92 0.29745 593447.59
4123079.92 0.33315
593487.59 4123079.92 0.37872 593527.59
4123079.92 0.42841
593567.59 4123079.92 0.49169 593607.59
4123079.92 0.56150
593647.59 4123079.92 0.64941 593687.59
4123079.92 0.75391
593727.59 4123079.92 0.86327 593767.59
4123079.92 0.95893
593807.59 4123079.92 1.02418 593847.59
4123079.92 1.05030
593887.59 4123079.92 1.03870 593927.59
4123079.92 0.99707
593967.59 4123079.92 0.93462 594007.59
4123079.92 0.85778
592567.59 4123119.92 0.04688 592607.59
4123119.92 0.04952
592647.59 4123119.92 0.05163 592687.59
4123119.92 0.05436
592727.59 4123119.92 0.05781 592767.59
4123119.92 0.06179
592807.59 4123119.92 0.06624 592847.59
4123119.92 0.07130
592887.59 4123119.92 0.07721 592927.59
4123119.92 0.08447
592967.59 4123119.92 0.09264 593007.59
4123119.92 0.10219
593047.59 4123119.92 0.11357 593087.59
4123119.92 0.12761
593127.59 4123119.92 0.14571 593167.59
4123119.92 0.16571
593207.59 4123119.92 0.18906 593247.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON ***
INCLUDING SOURCE(S): L0005351 , L0005352
, L0005353 , L0005354 , L0005355 ,
L0005356 , L0005357 , L0005358 , L0005359 , L0005360
, L0005361 , L0005362 , L0005363 ,
L0005364 , L0005365 , L0005366 , L0005367 , L0005368
, L0005369 , L0005370 , L0005371 ,
L0005372 , L0005373 , L0005374 , L0005375 , L0005376
, L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	0.59758	593567.59	4123119.92	0.70549
593607.59	4123119.92	0.82856	593647.59	4123119.92	0.98267
593687.59	4123119.92	1.15389	593727.59	4123119.92	1.30389
593767.59	4123119.92	1.39586	593807.59	4123119.92	1.41975
593847.59	4123119.92	1.38352	593887.59	4123119.92	1.30283
593927.59	4123119.92	1.19507	593967.59	4123119.92	1.07394
594007.59	4123119.92	0.94823	592567.59	4123159.92	0.04937

592607.59 4123159.92 0.05237 592647.59 4123159.92 0.05554
592687.59 4123159.92 0.05811 592727.59 4123159.92 0.06189
592767.59 4123159.92 0.06636 592807.59 4123159.92 0.07148
592847.59 4123159.92 0.07730 592887.59 4123159.92 0.08421
592927.59 4123159.92 0.09265 592967.59 4123159.92 0.10243
593007.59 4123159.92 0.11425 593047.59 4123159.92 0.12741
593087.59 4123159.92 0.14385 593127.59 4123159.92 0.16527
593167.59 4123159.92 0.19155 593207.59 4123159.92 0.22253
593247.59 4123159.92 0.26117 593287.59 4123159.92 0.30510
593327.59 4123159.92 0.35896 593367.59 4123159.92 0.42143
593407.59 4123159.92 0.49904 593447.59 4123159.92 0.59728
593487.59 4123159.92 0.72612 593527.59 4123159.92 0.89096
593567.59 4123159.92 1.09102 593607.59 4123159.92 1.33313
593647.59 4123159.92 1.62827 593687.59 4123159.92 1.89255
593727.59 4123159.92 2.03008 593767.59 4123159.92 2.02473
593807.59 4123159.92 1.92025 593847.59 4123159.92 1.75940
593887.59 4123159.92 1.56923 593927.59 4123159.92 1.37054
593967.59 4123159.92 1.17768 594007.59 4123159.92 0.99945
592567.59 4123199.92 0.05181 592607.59 4123199.92 0.05510
592647.59 4123199.92 0.05876 592687.59 4123199.92 0.06232
592727.59 4123199.92 0.06618 592767.59 4123199.92 0.07123
592807.59 4123199.92 0.07708 592847.59 4123199.92 0.08428
592887.59 4123199.92 0.09242 592927.59 4123199.92 0.10212
592967.59 4123199.92 0.11385 593007.59 4123199.92 0.12735
593047.59 4123199.92 0.14431 593087.59 4123199.92 0.16496

```
         593127.59    4123199.92        0.18949                      593167.59
4123199.92        0.22288
         593207.59    4123199.92        0.26390                      593247.59
4123199.92        0.31684
         593287.59    4123199.92        0.38037                      593327.59
4123199.92        0.46047
         593367.59    4123199.92        0.55822                      593407.59
4123199.92        0.68482
         593447.59    4123199.92        0.86006                      593487.59
4123199.92        1.10741
         593527.59    4123199.92        1.46017                      593567.59
4123199.92        1.90156
         593607.59    4123199.92        2.50758                      593647.59
4123199.92        3.06837
         593687.59    4123199.92        3.28786                      593727.59
4123199.92        3.13964
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92        2.82597                      593807.59
4123199.92        2.47581
         593847.59    4123199.92        2.12493                      593887.59
4123199.92        1.79044
         593927.59    4123199.92        1.48547                      593967.59
```

4123199.92 1.21924
594007.59 4123199.92 0.99480 592567.59
4123239.92 0.05437
592607.59 4123239.92 0.05794 592647.59
4123239.92 0.06205
592687.59 4123239.92 0.06654 592727.59
4123239.92 0.07123
592767.59 4123239.92 0.07642 592807.59
4123239.92 0.08306
592847.59 4123239.92 0.09104 592887.59
4123239.92 0.09975
592927.59 4123239.92 0.11122 592967.59
4123239.92 0.12544
593007.59 4123239.92 0.14170 593047.59
4123239.92 0.16236
593087.59 4123239.92 0.18773 593127.59
4123239.92 0.22023
593167.59 4123239.92 0.26221 593207.59
4123239.92 0.31735
593247.59 4123239.92 0.39075 593287.59
4123239.92 0.48719
593327.59 4123239.92 0.61359 593367.59
4123239.92 0.77716
593407.59 4123239.92 1.00553 593447.59
4123239.92 1.34975
593487.59 4123239.92 1.87714 593527.59
4123239.92 2.76750
593567.59 4123239.92 4.49753 593607.59
4123239.92 6.34203
593647.59 4123239.92 6.57338 593687.59
4123239.92 5.60337
593727.59 4123239.92 4.50760 593767.59
4123239.92 3.68140
593807.59 4123239.92 3.00028 593847.59
4123239.92 2.41043
593887.59 4123239.92 1.91151 593927.59
4123239.92 1.50255
593967.59 4123239.92 1.17840 594007.59
4123239.92 0.92711
592567.59 4123279.92 0.05709 592607.59
4123279.92 0.06096
592647.59 4123279.92 0.06545 592687.59
4123279.92 0.07049
592727.59 4123279.92 0.07612 592767.59
4123279.92 0.08239
592807.59 4123279.92 0.08961 592847.59
4123279.92 0.09847
592887.59 4123279.92 0.10836 592927.59
4123279.92 0.12168
592967.59 4123279.92 0.13784 593007.59

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4123279.92        0.15711
         593047.59    4123279.92        0.18141                       593087.59
4123279.92        0.21261
         593127.59    4123279.92        0.25468                       593167.59
4123279.92        0.31030
         593207.59    4123279.92        0.38324                       593247.59
4123279.92        0.48698
         593287.59    4123279.92        0.63865                       593327.59
4123279.92        0.85525
         593367.59    4123279.92        1.16573                       593407.59
4123279.92        1.67725
         593447.59    4123279.92        2.45083                       593487.59
4123279.92        3.54117
         593527.59    4123279.92        6.57823                       593567.59
4123279.92        9.65031
         593607.59    4123279.92       12.75219                       593647.59
4123279.92       13.23499
         593687.59    4123279.92        8.01527                       593727.59
4123279.92        5.96599
         593767.59    4123279.92        4.52892                       593807.59
4123279.92        3.40886
         593847.59    4123279.92        2.53766                       593887.59
4123279.92        1.87915
         593927.59    4123279.92        1.39699                       593967.59
4123279.92        1.05148
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	0.80432	592567.59	4123319.92	0.05989
592607.59	4123319.92	0.06416	592647.59	4123319.92	0.06903
592687.59	4123319.92	0.07458	592727.59	4123319.92	0.08097
592767.59	4123319.92	0.08822	592807.59	4123319.92	0.09670
592847.59	4123319.92	0.10667	592887.59	4123319.92	0.11836
592927.59	4123319.92	0.13365	592967.59	4123319.92	0.15173
593007.59	4123319.92	0.17429	593047.59	4123319.92	0.20393
593087.59	4123319.92	0.24258	593127.59	4123319.92	0.29501
593167.59	4123319.92	0.36683	593207.59	4123319.92	0.46647
593247.59	4123319.92	0.61912	593287.59	4123319.92	0.87186
593327.59	4123319.92	1.30713	593367.59	4123319.92	2.10507
593407.59	4123319.92	3.65213	593447.59	4123319.92	5.54174
593487.59	4123319.92	7.55546	593527.59	4123319.92	11.42208
593567.59	4123319.92	15.58236	593607.59	4123319.92	15.94404
593647.59	4123319.92	12.92064	593687.59	4123319.92	12.27869
593727.59	4123319.92	7.86435	593767.59	4123319.92	5.24434
593807.59	4123319.92	3.54471	593847.59	4123319.92	2.39689
593887.59	4123319.92	1.65294	593927.59	4123319.92	1.17479
593967.59	4123319.92	0.86280	594007.59	4123319.92	0.65311
592567.59	4123359.92	0.06294	592607.59	4123359.92	0.06761
592647.59	4123359.92	0.07290	592687.59	4123359.92	0.07903
592727.59	4123359.92	0.08613	592767.59	4123359.92	0.09437
592807.59	4123359.92	0.10403	592847.59	4123359.92	0.11576

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         592887.59    4123359.92        0.12958                       592927.59
4123359.92        0.14645
         592967.59    4123359.92        0.16758                       593007.59
4123359.92        0.19474
         593047.59    4123359.92        0.22990                       593087.59
4123359.92        0.27727
         593127.59    4123359.92        0.34305                       593167.59
4123359.92        0.43660
         593207.59    4123359.92        0.57570                       593247.59
4123359.92        0.80376
         593287.59    4123359.92        1.23920                       593327.59
4123359.92        2.28451
         593367.59    4123359.92        3.93085                       593407.59
4123359.92        7.98332
         593447.59    4123359.92       10.84092                       593487.59
4123359.92       15.21950
         593527.59    4123359.92       18.86190                       593567.59
4123359.92       18.55497
         593607.59    4123359.92       17.89984                       593647.59
4123359.92       16.45923
         593687.59    4123359.92       12.77002                       593727.59
4123359.92        9.61740
         593767.59    4123359.92        5.48687                       593807.59
4123359.92        3.13710
         593847.59    4123359.92        1.92716                       593887.59
4123359.92        1.27497
         593927.59    4123359.92        0.89680                       593967.59
4123359.92        0.66215
         594007.59    4123359.92        0.50795                       592567.59
4123399.92        0.06630
         592607.59    4123399.92        0.07137                       592647.59
4123399.92        0.07722
         592687.59    4123399.92        0.08402                       592727.59
4123399.92        0.09195
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 360
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
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L0005372 , L0005373 , L0005374 , L0005375 , L0005376
, L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592767.59	4123399.92	0.10129	592807.59	4123399.92	0.11229
592847.59	4123399.92	0.12564	592887.59	4123399.92	0.14178
592927.59	4123399.92	0.16143	592967.59	4123399.92	0.18668
593007.59	4123399.92	0.21919	593047.59	4123399.92	0.26197
593087.59	4123399.92	0.32137	593127.59	4123399.92	0.40487
593167.59	4123399.92	0.53195	593207.59	4123399.92	0.73301
593247.59	4123399.92	1.09356	593287.59	4123399.92	1.86669
593327.59	4123399.92	4.09465	593367.59	4123399.92	8.02344
593407.59	4123399.92	13.39684	593447.59	4123399.92	16.97987
593487.59	4123399.92	20.68443	593527.59	4123399.92	22.12101
593567.59	4123399.92	19.41741	593607.59	4123399.92	18.25095
593647.59	4123399.92	19.50090	593687.59	4123399.92	15.41931
593727.59	4123399.92	10.34509	593767.59	4123399.92	4.06684
593807.59	4123399.92	2.11702	593847.59	4123399.92	1.30768
593887.59	4123399.92	0.89264	593927.59	4123399.92	0.65025
593967.59	4123399.92	0.49618	594007.59	4123399.92	0.39210
592567.59	4123439.92	0.07002	592607.59	4123439.92	0.07566
592647.59	4123439.92	0.08218	592687.59	4123439.92	0.08981
592727.59	4123439.92	0.09892	592767.59		

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4123439.92        0.10959
         592807.59    4123439.92        0.12227                        592847.59
4123439.92        0.13750
         592887.59    4123439.92        0.15648                        592927.59
4123439.92        0.18024
         592967.59    4123439.92        0.21085                        593007.59
4123439.92        0.25093
         593047.59    4123439.92        0.30506                        593087.59
4123439.92        0.38037
         593127.59    4123439.92        0.48917                        593167.59
4123439.92        0.66350
         593207.59    4123439.92        0.94882                        593247.59
4123439.92        1.46756
         593287.59    4123439.92        2.53471                        593327.59
4123439.92        5.30613
         593367.59    4123439.92        9.60000                        593407.59
4123439.92       15.80058
         593447.59    4123439.92       18.55227                        593487.59
4123439.92       19.19869
         593527.59    4123439.92       18.36274                        593567.59
4123439.92       17.51533
         593607.59    4123439.92       14.89208                        593647.59
4123439.92       13.13696
         593687.59    4123439.92        8.46786                        593727.59
4123439.92        4.01662
         593767.59    4123439.92        2.01812                        593807.59
4123439.92        1.25439
         593847.59    4123439.92        0.86598                        593887.59
4123439.92        0.63696
         593927.59    4123439.92        0.48948                        593967.59
4123439.92        0.38854
         594007.59    4123439.92        0.31649                        592567.59
4123479.92        0.07437
         592607.59    4123479.92        0.08066                        592647.59
4123479.92        0.08814
         592687.59    4123479.92        0.09690                        592727.59
4123479.92        0.10729
         592767.59    4123479.92        0.11966                        592807.59
4123479.92        0.13468
         592847.59    4123479.92        0.15256                        592887.59
4123479.92        0.17540
         592927.59    4123479.92        0.20437                        592967.59
4123479.92        0.24200
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P1ON ***

INCLUDING SOURCE(S): L0005351 , L0005352 , L0005353 , L0005354 , L0005355 , L0005356 , L0005357 , L0005358 , L0005359 , L0005360 , L0005361 , L0005362 , L0005363 , L0005364 , L0005365 , L0005366 , L0005367 , L0005368 , L0005369 , L0005370 , L0005371 , L0005372 , L0005373 , L0005374 , L0005375 , L0005376 , L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	0.29232	593047.59	4123479.92	0.36112
593087.59	4123479.92	0.45857	593127.59	4123479.92	0.60305
593167.59	4123479.92	0.82385	593207.59	4123479.92	1.18239
593247.59	4123479.92	1.79886	593287.59	4123479.92	2.97503
593327.59	4123479.92	5.88255	593367.59	4123479.92	9.44539
593407.59	4123479.92	13.48744	593447.59	4123479.92	12.08115
593487.59	4123479.92	10.57913	593527.59	4123479.92	9.84228
593567.59	4123479.92	8.64658	593607.59	4123479.92	6.85255
593647.59	4123479.92	5.02477	593687.59	4123479.92	3.22699
593727.59	4123479.92	1.94653	593767.59	4123479.92	1.26278
593807.59	4123479.92	0.88211	593847.59	4123479.92	0.65038
593887.59	4123479.92	0.49978	593927.59	4123479.92	0.39653
593967.59	4123479.92	0.32261	594007.59	4123479.92	0.26808
592567.59	4123519.92	0.07955	592607.59	4123519.92	0.08692

592647.59 4123519.92 0.09540 592687.59 4123519.92 0.10552
592727.59 4123519.92 0.11760 592767.59 4123519.92 0.13220
592807.59 4123519.92 0.15006 592847.59 4123519.92 0.17219
592887.59 4123519.92 0.19933 592927.59 4123519.92 0.23497
592967.59 4123519.92 0.28135 593007.59 4123519.92 0.34367
593047.59 4123519.92 0.42967 593087.59 4123519.92 0.55072
593127.59 4123519.92 0.72514 593167.59 4123519.92 0.98164
593207.59 4123519.92 1.36959 593247.59 4123519.92 1.97673
593287.59 4123519.92 2.95947 593327.59 4123519.92 4.52235
593367.59 4123519.92 6.02307 593407.59 4123519.92 6.11344
593447.59 4123519.92 5.72186 593487.59 4123519.92 5.17332
593527.59 4123519.92 4.54332 593567.59 4123519.92 3.85944
593607.59 4123519.92 3.13726 593647.59 4123519.92 2.40166
593687.59 4123519.92 1.73566 593727.59 4123519.92 1.23174
593767.59 4123519.92 0.89619 593807.59 4123519.92 0.67205
593847.59 4123519.92 0.52034 593887.59 4123519.92 0.41353
593927.59 4123519.92 0.33662 593967.59 4123519.92 0.27909
594007.59 4123519.92 0.23548 592567.59 4123559.92 0.08586
592607.59 4123559.92 0.09417 592647.59 4123559.92 0.10421
592687.59 4123559.92 0.11609 592727.59 4123559.92 0.13035
592767.59 4123559.92 0.14772 592807.59 4123559.92 0.16916
592847.59 4123559.92 0.19592 592887.59 4123559.92 0.22966
592927.59 4123559.92 0.27313 592967.59 4123559.92 0.32889
593007.59 4123559.92 0.40166 593047.59 4123559.92 0.49904
593087.59 4123559.92 0.63081 593127.59 4123559.92 0.81063

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON ***
INCLUDING SOURCE(S): L0005351 , L0005352
, L0005353 , L0005354 , L0005355 ,
L0005356 , L0005357 , L0005358 , L0005359 , L0005360
, L0005361 , L0005362 , L0005363 ,
L0005364 , L0005365 , L0005366 , L0005367 , L0005368
, L0005369 , L0005370 , L0005371 ,
L0005372 , L0005373 , L0005374 , L0005375 , L0005376
, L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593247.59	4123559.92	1.83058	593287.59	4123559.92	2.35925
593327.59	4123559.92	2.87151	593367.59	4123559.92	3.19004
593407.59	4123559.92	3.23516	593447.59	4123559.92	3.10003
593487.59	4123559.92	2.85351	593527.59	4123559.92	2.53319
593567.59	4123559.92	2.16469	593607.59	4123559.92	1.78436
593647.59	4123559.92	1.42570	593687.59	4123559.92	1.10932
593727.59	4123559.92	0.85588	593767.59	4123559.92	0.66835
593807.59	4123559.92	0.52952	593847.59	4123559.92	0.42715
593887.59	4123559.92	0.35006	593927.59	4123559.92	0.29180
593967.59	4123559.92	0.24646	594007.59		

4123559.92 0.21099
592567.59 4123599.92 0.09324 592607.59
4123599.92 0.10299
592647.59 4123599.92 0.11452 592687.59
4123599.92 0.12828
592727.59 4123599.92 0.14483 592767.59
4123599.92 0.16507
592807.59 4123599.92 0.19082 592847.59
4123599.92 0.22121
592887.59 4123599.92 0.25862 592927.59
4123599.92 0.30577
592967.59 4123599.92 0.36621 593007.59
4123599.92 0.44400
593047.59 4123599.92 0.54406 593087.59
4123599.92 0.67249
593127.59 4123599.92 0.83533 593167.59
4123599.92 1.03668
593207.59 4123599.92 1.27465 593247.59
4123599.92 1.53166
593287.59 4123599.92 1.77116 593327.59
4123599.92 1.95407
593367.59 4123599.92 2.04496 593407.59
4123599.92 2.02602
593447.59 4123599.92 1.92550 593487.59
4123599.92 1.77013
593527.59 4123599.92 1.57593 593567.59
4123599.92 1.36498
593607.59 4123599.92 1.15490 593647.59
4123599.92 0.95733
593687.59 4123599.92 0.78017 593727.59
4123599.92 0.63292
593767.59 4123599.92 0.51747 593807.59
4123599.92 0.42706
593847.59 4123599.92 0.35569 593887.59
4123599.92 0.29925
593927.59 4123599.92 0.25506 593967.59
4123599.92 0.21931
594007.59 4123599.92 0.19064 593087.59
4123639.92 0.68033
593127.59 4123639.92 0.81101 593167.59
4123639.92 0.95357
593207.59 4123639.92 1.09629 593247.59
4123639.92 1.22481
593287.59 4123639.92 1.32576 593327.59
4123639.92 1.38856
593367.59 4123639.92 1.40333 593407.59
4123639.92 1.36633
593447.59 4123639.92 1.28998 593487.59
4123639.92 1.18588
593527.59 4123639.92 1.06432 593567.59

4123639.92   0.93620
         593607.59   4123639.92   0.80975   593647.59
4123639.92   0.68912
         593687.59   4123639.92   0.58050   593727.59
4123639.92   0.48744
         593767.59   4123639.92   0.41194   593807.59
4123639.92   0.35028
         593847.59   4123639.92   0.29969   593887.59
4123639.92   0.25761
         593927.59   4123639.92   0.22376   593967.59
4123639.92   0.19560

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON   ***
                                  INCLUDING SOURCE(S):   L0005351   , L0005352
 , L0005353   , L0005354   , L0005355   ,
                 L0005356   , L0005357   , L0005358   , L0005359   , L0005360
 , L0005361   , L0005362   , L0005363   ,
                 L0005364   , L0005365   , L0005366   , L0005367   , L0005368
 , L0005369   , L0005370   , L0005371   ,
                 L0005372   , L0005373   , L0005374   , L0005375   , L0005376
 , L0005377   , L0005378   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594007.59   4123639.92   0.17246   593087.59
4123679.92   0.64789
         593127.59   4123679.92   0.73529   593167.59
4123679.92   0.82440
         593207.59   4123679.92   0.90310   593247.59
4123679.92   0.96331
         593287.59   4123679.92   1.00503   593327.59
4123679.92   1.02196
         593367.59   4123679.92   1.01134   593407.59
4123679.92   0.97382

593447.59 4123679.92 0.91545 593487.59 4123679.92 0.84337
593527.59 4123679.92 0.76379 593567.59 4123679.92 0.68099
593607.59 4123679.92 0.59927 593647.59 4123679.92 0.52089
593687.59 4123679.92 0.44916 593727.59 4123679.92 0.38695
593767.59 4123679.92 0.33494 593807.59 4123679.92 0.29135
593847.59 4123679.92 0.25472 593887.59 4123679.92 0.22313
593927.59 4123679.92 0.19697 593967.59 4123679.92 0.17469
594007.59 4123679.92 0.15602 593087.59 4123719.92 0.58997
593127.59 4123719.92 0.64786 593167.59 4123719.92 0.69863
593207.59 4123719.92 0.73781 593247.59 4123719.92 0.76372
593287.59 4123719.92 0.77658 593327.59 4123719.92 0.77472
593367.59 4123719.92 0.75654 593407.59 4123719.92 0.72358
593447.59 4123719.92 0.67949 593487.59 4123719.92 0.62851
593527.59 4123719.92 0.57382 593567.59 4123719.92 0.51780
593607.59 4123719.92 0.46166 593647.59 4123719.92 0.40796
593687.59 4123719.92 0.35828 593727.59 4123719.92 0.31444
593767.59 4123719.92 0.27727 593807.59 4123719.92 0.24557
593847.59 4123719.92 0.21827 593887.59 4123719.92 0.19439
593927.59 4123719.92 0.17398 593967.59 4123719.92 0.15629
594007.59 4123719.92 0.14115 593087.59 4123759.92 0.52470
593127.59 4123759.92 0.55874 593167.59 4123759.92 0.58526
593207.59 4123759.92 0.60344 593247.59 4123759.92 0.61199
593287.59 4123759.92 0.61146 593327.59 4123759.92 0.60230
593367.59 4123759.92 0.58353 593407.59 4123759.92 0.55650
593447.59 4123759.92 0.52307 593487.59 4123759.92 0.48607

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         593527.59    4123759.92        0.44693                       593567.59
4123759.92        0.40713
         593607.59    4123759.92        0.36711                       593647.59
4123759.92        0.32846
         593687.59    4123759.92        0.29278                       593727.59
4123759.92        0.26081
         593767.59    4123759.92        0.23325                       593807.59
4123759.92        0.20941
         593847.59    4123759.92        0.18876                       593887.59
4123759.92        0.17066
         593927.59    4123759.92        0.15446                       593967.59
4123759.92        0.14017
         594007.59    4123759.92        0.12781                       593087.59
4123799.92        0.45933
         593127.59    4123799.92        0.47795                       593167.59
4123799.92        0.49039
         593207.59    4123799.92        0.49627                       593247.59
4123799.92        0.49627
         593287.59    4123799.92        0.49051                       593327.59
4123799.92        0.47912
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 364
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         593367.59    4123799.92        0.46218                       593407.59
```

4123799.92 0.44047
593447.59 4123799.92 0.41502 593487.59
4123799.92 0.38724
593527.59 4123799.92 0.35834 593567.59
4123799.92 0.32872
593607.59 4123799.92 0.29934 593647.59
4123799.92 0.27066
593687.59 4123799.92 0.24400 593727.59
4123799.92 0.22022
593767.59 4123799.92 0.19901 593807.59
4123799.92 0.18075
593847.59 4123799.92 0.16487 593887.59
4123799.92 0.15073
593927.59 4123799.92 0.13781 593967.59
4123799.92 0.12617
594007.59 4123799.92 0.11602 593087.59
4123839.92 0.39923
593127.59 4123839.92 0.40798 593167.59
4123839.92 0.41204
593207.59 4123839.92 0.41187 593247.59
4123839.92 0.40787
593287.59 4123839.92 0.40021 593327.59
4123839.92 0.38908
593367.59 4123839.92 0.37464 593407.59
4123839.92 0.35724
593447.59 4123839.92 0.33756 593487.59
4123839.92 0.31615
593527.59 4123839.92 0.29403 593567.59
4123839.92 0.27141
593607.59 4123839.92 0.24900 593647.59
4123839.92 0.22725
593687.59 4123839.92 0.20693 593727.59
4123839.92 0.18864
593767.59 4123839.92 0.17213 593807.59
4123839.92 0.15789
593847.59 4123839.92 0.14525 593887.59
4123839.92 0.13388
593927.59 4123839.92 0.12346 593967.59
4123839.92 0.11398
594007.59 4123839.92 0.10555 593087.59
4123879.92 0.34605
593127.59 4123879.92 0.34894 593167.59
4123879.92 0.34852
593207.59 4123879.92 0.34532 593247.59
4123879.92 0.33970
593287.59 4123879.92 0.33181 593327.59
4123879.92 0.32176
593367.59 4123879.92 0.30979 593407.59
4123879.92 0.29583
593447.59 4123879.92 0.28022 593487.59

```
4123879.92        0.26342
         593527.59    4123879.92        0.24596                       593567.59
4123879.92        0.22826
         593607.59    4123879.92        0.21077                       593647.59
4123879.92        0.19392
         593687.59    4123879.92        0.17801                       593727.59
4123879.92        0.16358
         593767.59    4123879.92        0.15063                       593807.59
4123879.92        0.13924
         593847.59    4123879.92        0.12906                       593887.59
4123879.92        0.11977
         593927.59    4123879.92        0.11130                       593967.59
4123879.92        0.10346
         594007.59    4123879.92        0.09640

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592567.59    4122799.92        0.03797                       592607.59
4122799.92        0.04000
         592647.59    4122799.92        0.04204                       592687.59
4122799.92        0.04490
         592727.59    4122799.92        0.04773                       592767.59
4122799.92        0.05112
```

592807.59 4122799.92 0.05506 592847.59 4122799.92 0.05849
592887.59 4122799.92 0.06271 592927.59 4122799.92 0.06713
592967.59 4122799.92 0.07156 593007.59 4122799.92 0.07554
593047.59 4122799.92 0.08032 593087.59 4122799.92 0.08495
593127.59 4122799.92 0.08988 593167.59 4122799.92 0.09511
593207.59 4122799.92 0.10112 593247.59 4122799.92 0.10721
593287.59 4122799.92 0.11203 593327.59 4122799.92 0.11520
593367.59 4122799.92 0.11753 593407.59 4122799.92 0.12056
593447.59 4122799.92 0.12449 593487.59 4122799.92 0.13037
593527.59 4122799.92 0.13819 593567.59 4122799.92 0.14721
593607.59 4122799.92 0.15727 593647.59 4122799.92 0.17045
593687.59 4122799.92 0.18703 593727.59 4122799.92 0.20644
593767.59 4122799.92 0.22783 593807.59 4122799.92 0.24821
593847.59 4122799.92 0.26732 593887.59 4122799.92 0.28360
593927.59 4122799.92 0.29669 593967.59 4122799.92 0.30609
594007.59 4122799.92 0.31126 592567.59 4122839.92 0.04043
592607.59 4122839.92 0.04266 592647.59 4122839.92 0.04489
592687.59 4122839.92 0.04749 592727.59 4122839.92 0.05077
592767.59 4122839.92 0.05490 592807.59 4122839.92 0.05873
592847.59 4122839.92 0.06294 592887.59 4122839.92 0.06770
592927.59 4122839.92 0.07326 592967.59 4122839.92 0.07870
593007.59 4122839.92 0.08544 593047.59 4122839.92 0.09076
593087.59 4122839.92 0.09553 593127.59 4122839.92 0.10134
593167.59 4122839.92 0.10783 593207.59 4122839.92 0.11523
593247.59 4122839.92 0.12280 593287.59 4122839.92 0.12929

```
         593327.59    4122839.92        0.13348                      593367.59
4122839.92        0.13663
         593407.59    4122839.92        0.14075                      593447.59
4122839.92        0.14635
         593487.59    4122839.92        0.15463                      593527.59
4122839.92        0.16528
         593567.59    4122839.92        0.17788                      593607.59
4122839.92        0.19299
         593647.59    4122839.92        0.21326                      593687.59
4122839.92        0.23714
         593727.59    4122839.92        0.26305                      593767.59
4122839.92        0.28902
         593807.59    4122839.92        0.31251                      593847.59
4122839.92        0.33255
         593887.59    4122839.92        0.34793                      593927.59
4122839.92        0.35821
         593967.59    4122839.92        0.36293                      594007.59
4122839.92        0.36186
         592567.59    4122879.92        0.04321                      592607.59
4122879.92        0.04572
         592647.59    4122879.92        0.04809                      592687.59
4122879.92        0.05068
         592727.59    4122879.92        0.05468                      592767.59
4122879.92        0.05898
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
 -
- -
592807.59   4122879.92   0.06311   592847.59
4122879.92   0.06856
592887.59   4122879.92   0.07454   592927.59
4122879.92   0.08128
592967.59   4122879.92   0.08827   593007.59
4122879.92   0.09540
593047.59   4122879.92   0.10215   593087.59
4122879.92   0.10834
593127.59   4122879.92   0.11527   593167.59
4122879.92   0.12376
593207.59   4122879.92   0.13263   593247.59
4122879.92   0.14259
593287.59   4122879.92   0.15124   593327.59
4122879.92   0.15717
593367.59   4122879.92   0.16140   593407.59
4122879.92   0.16701
593447.59   4122879.92   0.17524   593487.59
4122879.92   0.18730
593527.59   4122879.92   0.20234   593567.59
4122879.92   0.22137
593607.59   4122879.92   0.24490   593647.59
4122879.92   0.27484
593687.59   4122879.92   0.30802   593727.59
4122879.92   0.34110
593767.59   4122879.92   0.37130   593807.59
4122879.92   0.39599
593847.59   4122879.92   0.41416   593887.59
4122879.92   0.42478
593927.59   4122879.92   0.42776   593967.59
4122879.92   0.42328
594007.59   4122879.92   0.41190   592567.59
4122919.92   0.04617
592607.59   4122919.92   0.04880   592647.59
4122919.92   0.05184
592687.59   4122919.92   0.05529   592727.59
4122919.92   0.05943
592767.59   4122919.92   0.06376   592807.59
4122919.92   0.06844
592847.59   4122919.92   0.07474   592887.59
4122919.92   0.08112
592927.59   4122919.92   0.09097   592967.59
4122919.92   0.09980
593007.59   4122919.92   0.10776   593047.59
4122919.92   0.11562
593087.59   4122919.92   0.12415   593127.59
4122919.92   0.13322
593167.59   4122919.92   0.14412   593207.59

4122919.92   0.15511
         593247.59   4122919.92   0.16825   593287.59
4122919.92   0.17950
         593327.59   4122919.92   0.18836   593367.59
4122919.92   0.19427
         593407.59   4122919.92   0.20248   593447.59
4122919.92   0.21522
         593487.59   4122919.92   0.23327   593527.59
4122919.92   0.25604
         593567.59   4122919.92   0.28576   593607.59
4122919.92   0.32292
         593647.59   4122919.92   0.36584   593687.59
4122919.92   0.40953
         593727.59   4122919.92   0.44891   593767.59
4122919.92   0.48037
         593807.59   4122919.92   0.50148   593847.59
4122919.92   0.51147
         593887.59   4122919.92   0.51055   593927.59
4122919.92   0.49968
         593967.59   4122919.92   0.48046   594007.59
4122919.92   0.45467
         592567.59   4122959.92   0.04979   592607.59
4122959.92   0.05249
         592647.59   4122959.92   0.05588   592687.59
4122959.92   0.05974
         592727.59   4122959.92   0.06440   592767.59
4122959.92   0.06935
         592807.59   4122959.92   0.07473   592847.59
4122959.92   0.08210
         592887.59   4122959.92   0.08945   592927.59
4122959.92   0.09944
         592967.59   4122959.92   0.11049   593007.59
4122959.92   0.12163

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON   ***
                                  INCLUDING SOURCE(S):   L0006501   , L0006502
 , L0006503   , L0006504   , L0006505   ,
                   L0006506   , L0006507   , L0006508   , L0006509   , L0006510
 , L0006511   , L0006512   , L0006513   ,
                   L0006514   , L0006515   , L0006516   , L0006517   , L0006518
 , L0006519   , L0006520   , L0006521   ,
                   L0006522   , L0006523   , L0006524   , L0006525   , L0006526

, L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.13284	593087.59	4122959.92	0.14370
593127.59	4122959.92	0.15619	593167.59	4122959.92	0.17025
593207.59	4122959.92	0.18499	593247.59	4122959.92	0.20264
593287.59	4122959.92	0.21815	593327.59	4122959.92	0.23115
593367.59	4122959.92	0.23928	593407.59	4122959.92	0.25233
593447.59	4122959.92	0.27174	593487.59	4122959.92	0.30047
593527.59	4122959.92	0.33699	593567.59	4122959.92	0.38630
593607.59	4122959.92	0.44277	593647.59	4122959.92	0.50100
593687.59	4122959.92	0.55324	593727.59	4122959.92	0.59354
593767.59	4122959.92	0.61809	593807.59	4122959.92	0.62555
593847.59	4122959.92	0.61747	593887.59	4122959.92	0.59589
593927.59	4122959.92	0.56400	593967.59	4122959.92	0.52537
594007.59	4122959.92	0.48261	592567.59	4122999.92	0.05471
592607.59	4122999.92	0.05643	592647.59	4122999.92	0.06012
592687.59	4122999.92	0.06449	592727.59	4122999.92	0.06976
592767.59	4122999.92	0.07563	592807.59	4122999.92	0.08216
592847.59	4122999.92	0.09036	592887.59	4122999.92	0.09971
592927.59	4122999.92	0.11096	592967.59	4122999.92	0.12357
593007.59	4122999.92	0.13755	593047.59	4122999.92	0.15255

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         593087.59    4122999.92        0.16775                       593127.59
4122999.92        0.18582
         593167.59    4122999.92        0.20480                       593207.59
4122999.92        0.22494
         593247.59    4122999.92        0.24939                       593287.59
4122999.92        0.27158
         593327.59    4122999.92        0.29095                       593367.59
4122999.92        0.30417
         593407.59    4122999.92        0.32627                       593447.59
4122999.92        0.35802
         593487.59    4122999.92        0.40688                       593527.59
4122999.92        0.47059
         593567.59    4122999.92        0.54940                       593607.59
4122999.92        0.63016
         593647.59    4122999.92        0.70101                       593687.59
4122999.92        0.75216
         593727.59    4122999.92        0.77847                       593767.59
4122999.92        0.77902
         593807.59    4122999.92        0.75697                       593847.59
4122999.92        0.71775
         593887.59    4122999.92        0.66654                       593927.59
4122999.92        0.60885
         593967.59    4122999.92        0.54937                       594007.59
4122999.92        0.49045
         592567.59    4123039.92        0.05908                       592607.59
4123039.92        0.06088
         592647.59    4123039.92        0.06474                       592687.59
4123039.92        0.06970
         592727.59    4123039.92        0.07564                       592767.59
4123039.92        0.08278
         592807.59    4123039.92        0.09077                       592847.59
4123039.92        0.10003
         592887.59    4123039.92        0.11085                       592927.59
4123039.92        0.12410
         592967.59    4123039.92        0.13923                       593007.59
4123039.92        0.15669
         593047.59    4123039.92        0.17649                       593087.59
4123039.92        0.19792
         593127.59    4123039.92        0.22427                       593167.59
4123039.92        0.25178
         593207.59    4123039.92        0.28136                       593247.59
4123039.92        0.31577
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***

INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 , L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 , L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 , L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	0.34857	593327.59	4123039.92	0.37883
593367.59	4123039.92	0.40123	593407.59	4123039.92	0.44057
593447.59	4123039.92	0.49894	593487.59	4123039.92	0.58883
593527.59	4123039.92	0.70028	593567.59	4123039.92	0.81851
593607.59	4123039.92	0.91701	593647.59	4123039.92	0.98105
593687.59	4123039.92	1.00324	593727.59	4123039.92	0.98616
593767.59	4123039.92	0.93853	593807.59	4123039.92	0.87035
593847.59	4123039.92	0.79111	593887.59	4123039.92	0.70728
593927.59	4123039.92	0.62485	593967.59	4123039.92	0.54767
594007.59	4123039.92	0.47676	592567.59	4123079.92	0.06276
592607.59	4123079.92	0.06649	592647.59	4123079.92	0.06982
592687.59	4123079.92	0.07547	592727.59	4123079.92	0.08216
592767.59	4123079.92	0.09028	592807.59	4123079.92	0.09974
592847.59	4123079.92	0.11073	592887.59	4123079.92	0.12393
592927.59	4123079.92	0.13959	592967.59		

4123079.92 0.15763
593007.59 4123079.92 0.17968 593047.59
4123079.92 0.20593
593087.59 4123079.92 0.23703 593127.59
4123079.92 0.27378
593167.59 4123079.92 0.31475 593207.59
4123079.92 0.36030
593247.59 4123079.92 0.41386 593287.59
4123079.92 0.46599
593327.59 4123079.92 0.51623 593367.59
4123079.92 0.55787
593407.59 4123079.92 0.63493 593447.59
4123079.92 0.75607
593487.59 4123079.92 0.92763 593527.59
4123079.92 1.10663
593567.59 4123079.92 1.25188 593607.59
4123079.92 1.32668
593647.59 4123079.92 1.32986 593687.59
4123079.92 1.27351
593727.59 4123079.92 1.17775 593767.59
4123079.92 1.06199
593807.59 4123079.92 0.94036 593847.59
4123079.92 0.82134
593887.59 4123079.92 0.70983 593927.59
4123079.92 0.60915
593967.59 4123079.92 0.52072 594007.59
4123079.92 0.44385
592567.59 4123119.92 0.06645 592607.59
4123119.92 0.07157
592647.59 4123119.92 0.07629 592687.59
4123119.92 0.08169
592727.59 4123119.92 0.08924 592767.59
4123119.92 0.09846
592807.59 4123119.92 0.10930 592847.59
4123119.92 0.12226
592887.59 4123119.92 0.13819 592927.59
4123119.92 0.15687
592967.59 4123119.92 0.17932 593007.59
4123119.92 0.20727
593047.59 4123119.92 0.24199 593087.59
4123119.92 0.28568
593127.59 4123119.92 0.33994 593167.59
4123119.92 0.40517
593207.59 4123119.92 0.48041 593247.59
4123119.92 0.56940
593287.59 4123119.92 0.66017 593327.59
4123119.92 0.75028
593367.59 4123119.92 0.84265 593407.59
4123119.92 1.01939
593447.59 4123119.92 1.29115 593487.59

4123119.92 1.58958

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***
INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 ,
L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 ,
L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 ,
L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	1.80111	593567.59	4123119.92	1.87647
593607.59	4123119.92	1.81904	593647.59	4123119.92	1.67794
593687.59	4123119.92	1.49579	593727.59	4123119.92	1.30384
593767.59	4123119.92	1.11953	593807.59	4123119.92	0.95169
593847.59	4123119.92	0.80320	593887.59	4123119.92	0.67419
593927.59	4123119.92	0.56462	593967.59	4123119.92	0.47298
594007.59	4123119.92	0.39677	592567.59	4123159.92	0.07022
592607.59	4123159.92	0.07602	592647.59	4123159.92	0.08253
592687.59	4123159.92	0.08867	592727.59	4123159.92	0.09694
592767.59	4123159.92	0.10733	592807.59	4123159.92	0.11991

592847.59 4123159.92 0.13505 592887.59 4123159.92 0.15383
592927.59 4123159.92 0.17644 592967.59 4123159.92 0.20454
593007.59 4123159.92 0.24054 593047.59 4123159.92 0.28596
593087.59 4123159.92 0.34574 593127.59 4123159.92 0.42433
593167.59 4123159.92 0.52942 593207.59 4123159.92 0.66384
593247.59 4123159.92 0.83128 593287.59 4123159.92 1.01243
593327.59 4123159.92 1.19827 593367.59 4123159.92 1.46155
593407.59 4123159.92 1.94556 593447.59 4123159.92 2.49145
593487.59 4123159.92 2.80259 593527.59 4123159.92 2.79670
593567.59 4123159.92 2.57426 593607.59 4123159.92 2.25209
593647.59 4123159.92 1.91728 593687.59 4123159.92 1.60683
593727.59 4123159.92 1.33355 593767.59 4123159.92 1.09966
593807.59 4123159.92 0.90328 593847.59 4123159.92 0.74068
593887.59 4123159.92 0.60713 593927.59 4123159.92 0.49895
593967.59 4123159.92 0.41209 594007.59 4123159.92 0.34259
592567.59 4123199.92 0.07386 592607.59 4123199.92 0.08031
592647.59 4123199.92 0.08774 592687.59 4123199.92 0.09581
592727.59 4123199.92 0.10477 592767.59 4123199.92 0.11659
592807.59 4123199.92 0.13110 592847.59 4123199.92 0.14938
592887.59 4123199.92 0.17123 592927.59 4123199.92 0.19871
592967.59 4123199.92 0.23398 593007.59 4123199.92 0.27929
593047.59 4123199.92 0.34030 593087.59 4123199.92 0.42340
593127.59 4123199.92 0.53754 593167.59 4123199.92 0.70628
593207.59 4123199.92 0.95226 593247.59 4123199.92 1.31286
593287.59 4123199.92 1.77702 593327.59 4123199.92 2.34839

```
         593367.59    4123199.92        3.36563                      593407.59
4123199.92        4.54910
         593447.59    4123199.92        4.90014                      593487.59
4123199.92        4.46561
         593527.59    4123199.92        3.76914                      593567.59
4123199.92        3.07497
         593607.59    4123199.92        2.47521                      593647.59
4123199.92        1.98380
         593687.59    4123199.92        1.58765                      593727.59
4123199.92        1.26675
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***       10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92        1.00977                      593807.59
4123199.92        0.80602
         593847.59    4123199.92        0.64556                      593887.59
4123199.92        0.52028
         593927.59    4123199.92        0.42296                      593967.59
4123199.92        0.34746
         594007.59    4123199.92        0.28875                      592567.59
4123239.92        0.07777
         592607.59    4123239.92        0.08488                      592647.59
4123239.92        0.09333
         592687.59    4123239.92        0.10284                      592727.59
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4123239.92 0.11351
592767.59 4123239.92 0.12629 592807.59
4123239.92 0.14287
592847.59 4123239.92 0.16346 592887.59
4123239.92 0.18848
592927.59 4123239.92 0.22175 592967.59
4123239.92 0.26603
593007.59 4123239.92 0.32340 593047.59
4123239.92 0.40366
593087.59 4123239.92 0.51735 593127.59
4123239.92 0.68861
593167.59 4123239.92 0.95908 593207.59
4123239.92 1.42018
593247.59 4123239.92 2.31661 593287.59
4123239.92 4.15330
593327.59 4123239.92 7.88501 593367.59
4123239.92 11.53530
593407.59 4123239.92 10.46134 593447.59
4123239.92 7.83689
593487.59 4123239.92 5.72483 593527.59
4123239.92 4.25824
593567.59 4123239.92 3.21882 593607.59
4123239.92 2.45798
593647.59 4123239.92 1.88712 593687.59
4123239.92 1.45181
593727.59 4123239.92 1.11977 593767.59
4123239.92 0.86805
593807.59 4123239.92 0.67836 593847.59
4123239.92 0.53581
593887.59 4123239.92 0.42915 593927.59
4123239.92 0.34886
593967.59 4123239.92 0.28790 594007.59
4123239.92 0.24106
592567.59 4123279.92 0.08239 592607.59
4123279.92 0.09031
592647.59 4123279.92 0.09967 592687.59
4123279.92 0.11050
592727.59 4123279.92 0.12308 592767.59
4123279.92 0.13756
592807.59 4123279.92 0.15597 592847.59
4123279.92 0.17958
592887.59 4123279.92 0.20860 592927.59
4123279.92 0.24849
592967.59 4123279.92 0.30209 593007.59
4123279.92 0.37394
593047.59 4123279.92 0.47671 593087.59
4123279.92 0.62962
593127.59 4123279.92 0.87860 593167.59
4123279.92 1.30488
593207.59 4123279.92 2.13854 593247.59

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4123279.92        4.47817
         593287.59    4123279.92       13.83765                       593327.59
4123279.92       25.22021
         593367.59    4123279.92       33.72667                       593407.59
4123279.92       15.62810
         593447.59    4123279.92        9.12868                       593487.59
4123279.92        6.00272
         593527.59    4123279.92        4.23494                       593567.59
4123279.92        3.06635
         593607.59    4123279.92        2.24788                       593647.59
4123279.92        1.66030
         593687.59    4123279.92        1.23289                       593727.59
4123279.92        0.92497
         593767.59    4123279.92        0.70455                       593807.59
4123279.92        0.54616
         593847.59    4123279.92        0.43158                       593887.59
4123279.92        0.34783
         593927.59    4123279.92        0.28554                       593967.59
4123279.92        0.23843
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 371
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         594007.59    4123279.92        0.20216                       592567.59
4123319.92        0.08778
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592607.59 4123319.92 0.09648 592647.59
4123319.92 0.10679
592687.59 4123319.92 0.11898 592727.59
4123319.92 0.13360
592767.59 4123319.92 0.15084 592807.59
4123319.92 0.17127
592847.59 4123319.92 0.19849 592887.59
4123319.92 0.23313
592927.59 4123319.92 0.28150 592967.59
4123319.92 0.34587
593007.59 4123319.92 0.43637 593047.59
4123319.92 0.57250
593087.59 4123319.92 0.78590 593127.59
4123319.92 1.15104
593167.59 4123319.92 1.85453 593207.59
4123319.92 3.47771
593247.59 4123319.92 8.70806 593287.59
4123319.92 22.29633
593327.59 4123319.92 39.69316 593367.59
4123319.92 34.57723
593407.59 4123319.92 15.73287 593447.59
4123319.92 9.07862
593487.59 4123319.92 5.79143 593527.59
4123319.92 3.92203
593567.59 4123319.92 2.71029 593607.59
4123319.92 1.89618
593647.59 4123319.92 1.34701 593687.59
4123319.92 0.97529
593727.59 4123319.92 0.72325 593767.59
4123319.92 0.55107
593807.59 4123319.92 0.43098 593847.59
4123319.92 0.34529
593887.59 4123319.92 0.28268 593927.59
4123319.92 0.23582
593967.59 4123319.92 0.20001 594007.59
4123319.92 0.17213
592567.59 4123359.92 0.09348 592607.59
4123359.92 0.10314
592647.59 4123359.92 0.11459 592687.59
4123359.92 0.12831
592727.59 4123359.92 0.14503 592767.59
4123359.92 0.16542
592807.59 4123359.92 0.18967 592847.59
4123359.92 0.22107
592887.59 4123359.92 0.26343 592927.59
4123359.92 0.32312
592967.59 4123359.92 0.40448 593007.59
4123359.92 0.52526
593047.59 4123359.92 0.71199 593087.59
4123359.92 1.02471

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         593127.59    4123359.92        1.58688                       593167.59
4123359.92        2.67988
         593207.59    4123359.92        5.00531                       593247.59
4123359.92       10.78804
         593287.59    4123359.92       22.72227                       593327.59
4123359.92       34.38947
         593367.59    4123359.92       37.61798                       593407.59
4123359.92       15.21327
         593447.59    4123359.92        8.53864                       593487.59
4123359.92        5.27586
         593527.59    4123359.92        3.34333                       593567.59
4123359.92        2.17312
         593607.59    4123359.92        1.45695                       593647.59
4123359.92        1.01421
         593687.59    4123359.92        0.73435                       593727.59
4123359.92        0.55170
         593767.59    4123359.92        0.42851                       593807.59
4123359.92        0.34241
         593847.59    4123359.92        0.28020                       593887.59
4123359.92        0.23397
         593927.59    4123359.92        0.19874                       593967.59
4123359.92        0.17129
         594007.59    4123359.92        0.14948                       592567.59
4123399.92        0.09977
         592607.59    4123399.92        0.11053                       592647.59
4123399.92        0.12339
         592687.59    4123399.92        0.13891                       592727.59
4123399.92        0.15841
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592767.59	4123399.92	0.18254	592807.59	4123399.92	0.21250
592847.59	4123399.92	0.25045	592887.59	4123399.92	0.30384
592927.59	4123399.92	0.37966	592967.59	4123399.92	0.49028
593007.59	4123399.92	0.65524	593047.59	4123399.92	0.91285
593087.59	4123399.92	1.33992	593127.59	4123399.92	2.05723
593167.59	4123399.92	3.33610	593207.59	4123399.92	5.73512
593247.59	4123399.92	11.35164	593287.59	4123399.92	22.36639
593327.59	4123399.92	37.50140	593367.59	4123399.92	25.12666
593407.59	4123399.92	14.44246	593447.59	4123399.92	7.53329
593487.59	4123399.92	4.20475	593527.59	4123399.92	2.48124
593567.59	4123399.92	1.55880	593607.59	4123399.92	1.04578
593647.59	4123399.92	0.74313	593687.59	4123399.92	0.55361
593727.59	4123399.92	0.42863	593767.59	4123399.92	0.34224
593807.59	4123399.92	0.28019	593847.59	4123399.92	0.23417
593887.59	4123399.92	0.19907	593927.59	4123399.92	0.17169
593967.59	4123399.92	0.14997	594007.59	4123399.92	0.13247
592567.59	4123439.92	0.10712	592607.59	4123439.92	0.11933
592647.59	4123439.92	0.13425	592687.59	4123439.92	0.15265
592727.59	4123439.92	0.17602	592767.59	4123439.92	0.20565
592807.59	4123439.92	0.24417	592847.59	4123439.92	0.29327
592887.59	4123439.92	0.36184	592927.59	4123439.92	0.46145
592967.59	4123439.92	0.60475	593007.59		

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4123439.92        0.81463
         593047.59    4123439.92        1.13096                       593087.59
4123439.92        1.61329
         593127.59    4123439.92        2.35913                       593167.59
4123439.92        3.61077
         593207.59    4123439.92        5.81554                       593247.59
4123439.92       10.93260
         593287.59    4123439.92       26.25391                       593327.59
4123439.92       34.00906
         593367.59    4123439.92       22.69424                       593407.59
4123439.92       12.11553
         593447.59    4123439.92        5.28476                       593487.59
4123439.92        2.72127
         593527.59    4123439.92        1.62383                       593567.59
4123439.92        1.07373
         593607.59    4123439.92        0.76147                       593647.59
4123439.92        0.56737
         593687.59    4123439.92        0.43918                       593727.59
4123439.92        0.35030
         593767.59    4123439.92        0.28641                       593807.59
4123439.92        0.23912
         593847.59    4123439.92        0.20322                       593887.59
4123439.92        0.17533
         593927.59    4123439.92        0.15321                       593967.59
4123439.92        0.13534
         594007.59    4123439.92        0.12068                       592567.59
4123479.92        0.11660
         592607.59    4123479.92        0.13085                       592647.59
4123479.92        0.14889
         592687.59    4123479.92        0.17153                       592727.59
4123479.92        0.20036
         592767.59    4123479.92        0.23760                       592807.59
4123479.92        0.28662
         592847.59    4123479.92        0.35011                       592887.59
4123479.92        0.43545
         592927.59    4123479.92        0.55564                       592967.59
4123479.92        0.72280
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
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 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         593007.59    4123479.92        0.95981                      593047.59
4123479.92        1.29767
         593087.59    4123479.92        1.78410                      593127.59
4123479.92        2.49800
         593167.59    4123479.92        3.58707                      593207.59
4123479.92        5.47386
         593247.59    4123479.92        9.80334                      593287.59
4123479.92       19.93757
         593327.59    4123479.92       21.74738                      593367.59
4123479.92       14.78582
         593407.59    4123479.92        6.22125                      593447.59
4123479.92        2.77525
         593487.59    4123479.92        1.63226                      593527.59
4123479.92        1.09264
         593567.59    4123479.92        0.78697                      593607.59
4123479.92        0.59376
         593647.59    4123479.92        0.46314                      593687.59
4123479.92        0.37083
         593727.59    4123479.92        0.30332                      593767.59
4123479.92        0.25282
         593807.59    4123479.92        0.21417                      593847.59
4123479.92        0.18390
         593887.59    4123479.92        0.15986                      593927.59
4123479.92        0.14054
         593967.59    4123479.92        0.12476                      594007.59
4123479.92        0.11177
         592567.59    4123519.92        0.12863                      592607.59
4123519.92        0.14645
         592647.59    4123519.92        0.16842                      592687.59
4123519.92        0.19622
         592727.59    4123519.92        0.23160                      592767.59
4123519.92        0.27700
         592807.59    4123519.92        0.33591                      592847.59
4123519.92        0.41290
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         592887.59    4123519.92        0.51153                       592927.59
4123519.92        0.64454
         592967.59    4123519.92        0.82487                       593007.59
4123519.92        1.06887
         593047.59    4123519.92        1.39777                       593087.59
4123519.92        1.84297
         593127.59    4123519.92        2.45885                       593167.59
4123519.92        3.35103
         593207.59    4123519.92        4.75626                       593247.59
4123519.92        7.20361
         593287.59    4123519.92       11.32959                       593327.59
4123519.92       10.75146
         593367.59    4123519.92        5.40137                       593407.59
4123519.92        2.75133
         593447.59    4123519.92        1.68781                       593487.59
4123519.92        1.14617
         593527.59    4123519.92        0.82995                       593567.59
4123519.92        0.63008
         593607.59    4123519.92        0.49495                       593647.59
4123519.92        0.39848
         593687.59    4123519.92        0.32683                       593727.59
4123519.92        0.27225
         593767.59    4123519.92        0.22993                       593807.59
4123519.92        0.19649
         593847.59    4123519.92        0.16996                       593887.59
4123519.92        0.14851
         593927.59    4123519.92        0.13114                       593967.59
4123519.92        0.11679
         594007.59    4123519.92        0.10493                       592567.59
4123559.92        0.14379
         592607.59    4123559.92        0.16561                       592647.59
4123559.92        0.19226
         592687.59    4123559.92        0.22522                       592727.59
4123559.92        0.26660
         592767.59    4123559.92        0.31888                       592807.59
4123559.92        0.38531
         592847.59    4123559.92        0.47008                       592887.59
4123559.92        0.57857
         592927.59    4123559.92        0.71736                       592967.59
4123559.92        0.89333
         593007.59    4123559.92        1.11550                       593047.59
4123559.92        1.39857
         593087.59    4123559.92        1.75763                       593127.59
4123559.92        2.20942
         593167.59    4123559.92        2.76771                       593207.59
4123559.92        3.40936
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***

INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 , L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 , L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 , L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593247.59	4123559.92	3.95510	593287.59	4123559.92	4.00178
593327.59	4123559.92	3.33944	593367.59	4123559.92	2.36292
593407.59	4123559.92	1.62944	593447.59	4123559.92	1.16938
593487.59	4123559.92	0.86838	593527.59	4123559.92	0.66366
593567.59	4123559.92	0.52218	593607.59	4123559.92	0.42132
593647.59	4123559.92	0.34703	593687.59	4123559.92	0.29043
593727.59	4123559.92	0.24617	593767.59	4123559.92	0.21091
593807.59	4123559.92	0.18228	593847.59	4123559.92	0.15905
593887.59	4123559.92	0.13982	593927.59	4123559.92	0.12400
593967.59	4123559.92	0.11076	594007.59	4123559.92	0.09974
592567.59	4123599.92	0.16267	592607.59	4123599.92	0.18776
592647.59	4123599.92	0.21811	592687.59	4123599.92	0.25537
592727.59	4123599.92	0.30123	592767.59		

4123599.92 0.35798
592807.59 4123599.92 0.42827 592847.59
4123599.92 0.51352
592887.59 4123599.92 0.61661 592927.59
4123599.92 0.74220
592967.59 4123599.92 0.89566 593007.59
4123599.92 1.08053
593047.59 4123599.92 1.29736 593087.59
4123599.92 1.54148
593127.59 4123599.92 1.79570 593167.59
4123599.92 2.02330
593207.59 4123599.92 2.16688 593247.59
4123599.92 2.17585
593287.59 4123599.92 2.04213 593327.59
4123599.92 1.74558
593367.59 4123599.92 1.36794 593407.59
4123599.92 1.05849
593447.59 4123599.92 0.83003 593487.59
4123599.92 0.65857
593527.59 4123599.92 0.52942 593567.59
4123599.92 0.43257
593607.59 4123599.92 0.35920 593647.59
4123599.92 0.30303
593687.59 4123599.92 0.25879 593727.59
4123599.92 0.22307
593767.59 4123599.92 0.19392 593807.59
4123599.92 0.16980
593847.59 4123599.92 0.14965 593887.59
4123599.92 0.13262
593927.59 4123599.92 0.11836 593967.59
4123599.92 0.10614
594007.59 4123599.92 0.09587 593087.59
4123639.92 1.26934
593127.59 4123639.92 1.36945 593167.59
4123639.92 1.41431
593207.59 4123639.92 1.40107 593247.59
4123639.92 1.35263
593287.59 4123639.92 1.25832 593327.59
4123639.92 1.09286
593367.59 4123639.92 0.89813 593407.59
4123639.92 0.73624
593447.59 4123639.92 0.61273 593487.59
4123639.92 0.50822
593527.59 4123639.92 0.42304 593567.59
4123639.92 0.35604
593607.59 4123639.92 0.30381 593647.59
4123639.92 0.26235
593687.59 4123639.92 0.22899 593727.59
4123639.92 0.20108
593767.59 4123639.92 0.17767 593807.59

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON   ***
                                  INCLUDING SOURCE(S):   L0006501   , L0006502
 , L0006503   , L0006504   , L0006505   ,
                 L0006506   , L0006507   , L0006508   , L0006509   , L0006510
 , L0006511   , L0006512   , L0006513   ,
                 L0006514   , L0006515   , L0006516   , L0006517   , L0006518
 , L0006519   , L0006520   , L0006521   ,
                 L0006522   , L0006523   , L0006524   , L0006525   , L0006526
 , L0006527   , L0006528   , . . .   ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594007.59   4123639.92   0.09275   593087.59
4123679.92   0.99034
         593127.59   4123679.92   1.00017   593167.59
4123679.92   0.98441
         593207.59   4123679.92   0.95732   593247.59
4123679.92   0.92362
         593287.59   4123679.92   0.85729   593327.59
4123679.92   0.75524
         593367.59   4123679.92   0.63977   593407.59
4123679.92   0.53990
         593447.59   4123679.92   0.46763   593487.59
4123679.92   0.40333
         593527.59   4123679.92   0.34479   593567.59
4123679.92   0.29562
         593607.59   4123679.92   0.25652   593647.59
4123679.92   0.22553

593687.59 4123679.92 0.20041 593727.59
4123679.92 0.17932
593767.59 4123679.92 0.16111 593807.59
4123679.92 0.14508
593847.59 4123679.92 0.13115 593887.59
4123679.92 0.11870
593927.59 4123679.92 0.10793 593967.59
4123679.92 0.09826
594007.59 4123679.92 0.08976 593087.59
4123719.92 0.75408
593127.59 4123719.92 0.73858 593167.59
4123719.92 0.71658
593207.59 4123719.92 0.69920 593247.59
4123719.92 0.67470
593287.59 4123719.92 0.62305 593327.59
4123719.92 0.55612
593367.59 4123719.92 0.48210 593407.59
4123719.92 0.41322
593447.59 4123719.92 0.36587 593487.59
4123719.92 0.32660
593527.59 4123719.92 0.28690 593567.59
4123719.92 0.25025
593607.59 4123719.92 0.21925 593647.59
4123719.92 0.19455
593687.59 4123719.92 0.17473 593727.59
4123719.92 0.15837
593767.59 4123719.92 0.14443 593807.59
4123719.92 0.13199
593847.59 4123719.92 0.12085 593887.59
4123719.92 0.11077
593927.59 4123719.92 0.10182 593967.59
4123719.92 0.09368
594007.59 4123719.92 0.08633 593087.59
4123759.92 0.58003
593127.59 4123759.92 0.56094 593167.59
4123759.92 0.54618
593207.59 4123759.92 0.53657 593247.59
4123759.92 0.51516
593287.59 4123759.92 0.47390 593327.59
4123759.92 0.42823
593367.59 4123759.92 0.37843 593407.59
4123759.92 0.32791
593447.59 4123759.92 0.29292 593487.59
4123759.92 0.26801
593527.59 4123759.92 0.24213 593567.59
4123759.92 0.21537
593607.59 4123759.92 0.19069 593647.59
4123759.92 0.16999
593687.59 4123759.92 0.15340 593727.59
4123759.92 0.13993

```
         593767.59    4123759.92        0.12876                      593807.59
4123759.92        0.11897
         593847.59    4123759.92        0.11026                      593887.59
4123759.92        0.10240
         593927.59    4123759.92        0.09510                      593967.59
4123759.92        0.08835
         594007.59    4123759.92        0.08220                      593087.59
4123799.92        0.45503
         593127.59    4123799.92        0.44072                      593167.59
4123799.92        0.43321
         593207.59    4123799.92        0.42633                      593247.59
4123799.92        0.40612
         593287.59    4123799.92        0.37318                      593327.59
4123799.92        0.34103
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593367.59    4123799.92        0.30639                      593407.59
4123799.92        0.26806
         593447.59    4123799.92        0.24000                      593487.59
4123799.92        0.22252
         593527.59    4123799.92        0.20607                      593567.59
4123799.92        0.18727
         593607.59    4123799.92        0.16822                      593647.59
```

4123799.92 0.15083
593687.59 4123799.92 0.13633 593727.59
4123799.92 0.12475
593767.59 4123799.92 0.11510 593807.59
4123799.92 0.10706
593847.59 4123799.92 0.10011 593887.59
4123799.92 0.09387
593927.59 4123799.92 0.08802 593967.59
4123799.92 0.08252
594007.59 4123799.92 0.07750 593087.59
4123839.92 0.36595
593127.59 4123839.92 0.35750 593167.59
4123839.92 0.35412
593207.59 4123839.92 0.34738 593247.59
4123839.92 0.32833
593287.59 4123839.92 0.30202 593327.59
4123839.92 0.27881
593367.59 4123839.92 0.25410 593407.59
4123839.92 0.22446
593447.59 4123839.92 0.20093 593487.59
4123839.92 0.18715
593527.59 4123839.92 0.17641 593567.59
4123839.92 0.16384
593607.59 4123839.92 0.14963 593647.59
4123839.92 0.13543
593687.59 4123839.92 0.12283 593727.59
4123839.92 0.11247
593767.59 4123839.92 0.10387 593807.59
4123839.92 0.09691
593847.59 4123839.92 0.09095 593887.59
4123839.92 0.08570
593927.59 4123839.92 0.08092 593967.59
4123839.92 0.07650
594007.59 4123839.92 0.07242 593087.59
4123879.92 0.30192
593127.59 4123879.92 0.29784 593167.59
4123879.92 0.29603
593207.59 4123879.92 0.28856 593247.59
4123879.92 0.27102
593287.59 4123879.92 0.24995 593327.59
4123879.92 0.23278
593367.59 4123879.92 0.21482 593407.59
4123879.92 0.19165
593447.59 4123879.92 0.17149 593487.59
4123879.92 0.15965
593527.59 4123879.92 0.15200 593567.59
4123879.92 0.14383
593607.59 4123879.92 0.13376 593647.59
4123879.92 0.12265
593687.59 4123879.92 0.11185 593727.59

4123879.92   0.10249
         593767.59   4123879.92   0.09472   593807.59
4123879.92   0.08841
         593847.59   4123879.92   0.08309   593887.59
4123879.92   0.07846
         593927.59   4123879.92   0.07439   593967.59
4123879.92   0.07069
         594007.59   4123879.92   0.06733

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P3ON   ***
                                  INCLUDING SOURCE(S):   L0005675   , L0005676   , L0005677   , L0005678   , L0005679   ,
                 L0005680   , L0005681   , L0005682   , L0005683   , L0005684   , L0005685   , L0005686   , L0005687   ,
                 L0005688   , L0005689   , L0005690   , L0005691   , L0005692   , L0005693   , L0005694   , L0005695   ,
                 L0005696   , L0005697   , L0005698   , L0005699   , L0005700   , L0005701   , L0005702   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
         592567.59   4122799.92   0.03495   592607.59
4122799.92   0.03650
         592647.59   4122799.92   0.03805   592687.59
4122799.92   0.03997
         592727.59   4122799.92   0.04188   592767.59
4122799.92   0.04407
         592807.59   4122799.92   0.04665   592847.59
4122799.92   0.04915
         592887.59   4122799.92   0.05249   592927.59
4122799.92   0.05641
         592967.59   4122799.92   0.06076   593007.59
4122799.92   0.06523

593047.59 4122799.92 0.07029 593087.59 4122799.92 0.07534
593127.59 4122799.92 0.08083 593167.59 4122799.92 0.08677
593207.59 4122799.92 0.09440 593247.59 4122799.92 0.10149
593287.59 4122799.92 0.10729 593327.59 4122799.92 0.11448
593367.59 4122799.92 0.12316 593407.59 4122799.92 0.13122
593447.59 4122799.92 0.13774 593487.59 4122799.92 0.14454
593527.59 4122799.92 0.15421 593567.59 4122799.92 0.16556
593607.59 4122799.92 0.17924 593647.59 4122799.92 0.19613
593687.59 4122799.92 0.21501 593727.59 4122799.92 0.23649
593767.59 4122799.92 0.26157 593807.59 4122799.92 0.28624
593847.59 4122799.92 0.31131 593887.59 4122799.92 0.33356
593927.59 4122799.92 0.35154 593967.59 4122799.92 0.36402
594007.59 4122799.92 0.36976 592567.59 4122839.92 0.03715
592607.59 4122839.92 0.03886 592647.59 4122839.92 0.04060
592687.59 4122839.92 0.04254 592727.59 4122839.92 0.04480
592767.59 4122839.92 0.04747 592807.59 4122839.92 0.05005
592847.59 4122839.92 0.05293 592887.59 4122839.92 0.05637
592927.59 4122839.92 0.06075 592967.59 4122839.92 0.06562
593007.59 4122839.92 0.07180 593047.59 4122839.92 0.07871
593087.59 4122839.92 0.08355 593127.59 4122839.92 0.09059
593167.59 4122839.92 0.09899 593207.59 4122839.92 0.10808
593247.59 4122839.92 0.11643 593287.59 4122839.92 0.12616
593327.59 4122839.92 0.13500 593367.59 4122839.92 0.14454
593407.59 4122839.92 0.15577 593447.59 4122839.92 0.16423
593487.59 4122839.92 0.17367 593527.59 4122839.92 0.18619

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         593567.59    4122839.92        0.20222                      593607.59
4122839.92        0.22122
         593647.59    4122839.92        0.24538                      593687.59
4122839.92        0.27258
         593727.59    4122839.92        0.30185                      593767.59
4122839.92        0.33459
         593807.59    4122839.92        0.36509                      593847.59
4122839.92        0.39371
         593887.59    4122839.92        0.41595                      593927.59
4122839.92        0.43114
         593967.59    4122839.92        0.43813                      594007.59
4122839.92        0.43627
         592567.59    4122879.92        0.03963                      592607.59
4122879.92        0.04154
         592647.59    4122879.92        0.04344                      592687.59
4122879.92        0.04550
         592727.59    4122879.92        0.04823                      592767.59
4122879.92        0.05114
♠ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         592807.59    4122879.92        0.05403                      592847.59
4122879.92        0.05763
         592887.59    4122879.92        0.06168                      592927.59
```

4122879.92 0.06648
592967.59 4122879.92 0.07198 593007.59
4122879.92 0.07845
593047.59 4122879.92 0.08604 593087.59
4122879.92 0.09296
593127.59 4122879.92 0.10121 593167.59
4122879.92 0.11381
593207.59 4122879.92 0.12363 593247.59
4122879.92 0.13644
593287.59 4122879.92 0.14807 593327.59
4122879.92 0.16037
593367.59 4122879.92 0.17226 593407.59
4122879.92 0.18567
593447.59 4122879.92 0.19784 593487.59
4122879.92 0.21190
593527.59 4122879.92 0.22982 593567.59
4122879.92 0.25322
593607.59 4122879.92 0.27975 593647.59
4122879.92 0.31458
593687.59 4122879.92 0.35398 593727.59
4122879.92 0.39527
593767.59 4122879.92 0.43678 593807.59
4122879.92 0.47262
593847.59 4122879.92 0.50130 593887.59
4122879.92 0.51934
593927.59 4122879.92 0.52636 593967.59
4122879.92 0.52227
594007.59 4122879.92 0.50776 592567.59
4122919.92 0.04232
592607.59 4122919.92 0.04438 592647.59
4122919.92 0.04669
592687.59 4122919.92 0.04925 592727.59
4122919.92 0.05219
592767.59 4122919.92 0.05530 592807.59
4122919.92 0.05866
592847.59 4122919.92 0.06283 592887.59
4122919.92 0.06719
592927.59 4122919.92 0.07343 592967.59
4122919.92 0.08006
593007.59 4122919.92 0.08686 593047.59
4122919.92 0.09455
593087.59 4122919.92 0.10427 593127.59
4122919.92 0.11601
593167.59 4122919.92 0.13199 593207.59
4122919.92 0.14360
593247.59 4122919.92 0.16031 593287.59
4122919.92 0.17517
593327.59 4122919.92 0.19415 593367.59
4122919.92 0.20959
593407.59 4122919.92 0.22686 593447.59

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4122919.92        0.24438
         593487.59    4122919.92        0.26542                      593527.59
4122919.92        0.29151
         593567.59    4122919.92        0.32480                      593607.59
4122919.92        0.36542
         593647.59    4122919.92        0.41609                      593687.59
4122919.92        0.47290
         593727.59    4122919.92        0.52927                      593767.59
4122919.92        0.57945
         593807.59    4122919.92        0.61701                      593847.59
4122919.92        0.63911
         593887.59    4122919.92        0.64483                      593927.59
4122919.92        0.63494
         593967.59    4122919.92        0.61191                      594007.59
4122919.92        0.57860
         592567.59    4122959.92        0.04538                      592607.59
4122959.92        0.04760
         592647.59    4122959.92        0.05020                      592687.59
4122959.92        0.05311
         592727.59    4122959.92        0.05645                      592767.59
4122959.92        0.06004
         592807.59    4122959.92        0.06394                      592847.59
4122959.92        0.06882
         592887.59    4122959.92        0.07389                      592927.59
4122959.92        0.08032
         592967.59    4122959.92        0.08787                      593007.59
4122959.92        0.09687
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.10776	593087.59	4122959.92	0.11726
593127.59	4122959.92	0.13450	593167.59	4122959.92	0.15425
593207.59	4122959.92	0.17094	593247.59	4122959.92	0.19266
593287.59	4122959.92	0.21230	593327.59	4122959.92	0.23837
593367.59	4122959.92	0.25871	593407.59	4122959.92	0.28446
593447.59	4122959.92	0.30896	593487.59	4122959.92	0.34147
593527.59	4122959.92	0.37907	593567.59	4122959.92	0.43296
593607.59	4122959.92	0.49535	593647.59	4122959.92	0.56948
593687.59	4122959.92	0.64830	593727.59	4122959.92	0.72005
593767.59	4122959.92	0.77428	593807.59	4122959.92	0.80346
593847.59	4122959.92	0.80760	593887.59	4122959.92	0.78780
593927.59	4122959.92	0.74920	593967.59	4122959.92	0.69837
594007.59	4122959.92	0.63976	592567.59	4122999.92	0.04891
592607.59	4122999.92	0.05098	592647.59	4122999.92	0.05390
592687.59	4122999.92	0.05722	592727.59	4122999.92	0.06106
592767.59	4122999.92	0.06529	592807.59	4122999.92	0.06998
592847.59	4122999.92	0.07551	592887.59	4122999.92	0.08176
592927.59	4122999.92	0.08913	592967.59	4122999.92	0.09767
593007.59	4122999.92	0.10812	593047.59	4122999.92	0.12064
593087.59	4122999.92	0.13228	593127.59	4122999.92	0.15556
593167.59	4122999.92	0.17997	593207.59	4122999.92	0.20301
593247.59	4122999.92	0.23439	593287.59	4122999.92	0.26264

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         593327.59    4122999.92        0.29887                      593367.59
4122999.92        0.32835
         593407.59    4122999.92        0.36740                      593447.59
4122999.92        0.40386
         593487.59    4122999.92        0.45581                      593527.59
4122999.92        0.51817
         593567.59    4122999.92        0.60663                      593607.59
4122999.92        0.70818
         593647.59    4122999.92        0.81813                      593687.59
4122999.92        0.92072
         593727.59    4122999.92        0.99903                      593767.59
4122999.92        1.03912
         593807.59    4122999.92        1.03781                      593847.59
4122999.92        1.00065
         593887.59    4122999.92        0.93610                      593927.59
4122999.92        0.85531
         593967.59    4122999.92        0.76838                      594007.59
4122999.92        0.68071
         592567.59    4123039.92        0.05214                      592607.59
4123039.92        0.05455
         592647.59    4123039.92        0.05776                      592687.59
4123039.92        0.06159
         592727.59    4123039.92        0.06598                      592767.59
4123039.92        0.07103
         592807.59    4123039.92        0.07666                      592847.59
4123039.92        0.08307
         592887.59    4123039.92        0.09042                      592927.59
4123039.92        0.09917
         592967.59    4123039.92        0.10936                      593007.59
4123039.92        0.12246
         593047.59    4123039.92        0.13735                      593087.59
4123039.92        0.15257
         593127.59    4123039.92        0.18114                      593167.59
4123039.92        0.21262
         593207.59    4123039.92        0.24648                      593247.59
4123039.92        0.28801
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
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                L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593287.59    4123039.92        0.32869                      593327.59
4123039.92        0.38216
         593367.59    4123039.92        0.43063                      593407.59
4123039.92        0.49063
         593447.59    4123039.92        0.55095                      593487.59
4123039.92        0.63842
         593527.59    4123039.92        0.74889                      593567.59
4123039.92        0.89908
         593607.59    4123039.92        1.05858                      593647.59
4123039.92        1.21245
         593687.59    4123039.92        1.32802                      593727.59
4123039.92        1.38230
         593767.59    4123039.92        1.37041                      593807.59
4123039.92        1.30130
         593847.59    4123039.92        1.19377                      593887.59
4123039.92        1.06520
         593927.59    4123039.92        0.93234                      593967.59
4123039.92        0.80640
         594007.59    4123039.92        0.69134                      592567.59
4123079.92        0.05529
         592607.59    4123079.92        0.05842                      592647.59
4123079.92        0.06175
         592687.59    4123079.92        0.06614                      592727.59
4123079.92        0.07117
         592767.59    4123079.92        0.07699                      592807.59
4123079.92        0.08363
         592847.59    4123079.92        0.09125                      592887.59
4123079.92        0.10017
         592927.59    4123079.92        0.11074                      592967.59
4123079.92        0.12314
         593007.59    4123079.92        0.13895                      593047.59
4123079.92        0.15845
         593087.59    4123079.92        0.18168                      593127.59
4123079.92        0.21257
         593167.59    4123079.92        0.25020                      593207.59
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4123079.92        0.29815
         593247.59    4123079.92        0.35965                      593287.59
4123079.92        0.42359
         593327.59    4123079.92        0.50545                      593367.59
4123079.92        0.58399
         593407.59    4123079.92        0.68381                      593447.59
4123079.92        0.79371
         593487.59    4123079.92        0.95674                      593527.59
4123079.92        1.16458
         593567.59    4123079.92        1.42295                      593607.59
4123079.92        1.66189
         593647.59    4123079.92        1.84342                      593687.59
4123079.92        1.91985
         593727.59    4123079.92        1.87946                      593767.59
4123079.92        1.74588
         593807.59    4123079.92        1.55717                      593847.59
4123079.92        1.34821
         593887.59    4123079.92        1.14372                      593927.59
4123079.92        0.95891
         593967.59    4123079.92        0.79997                      594007.59
4123079.92        0.66618
         592567.59    4123119.92        0.05838                      592607.59
4123119.92        0.06238
         592647.59    4123119.92        0.06622                      592687.59
4123119.92        0.07082
         592727.59    4123119.92        0.07654                      592767.59
4123119.92        0.08321
         592807.59    4123119.92        0.09089                      592847.59
4123119.92        0.09986
         592887.59    4123119.92        0.11057                      592927.59
4123119.92        0.12340
         592967.59    4123119.92        0.13885                      593007.59
4123119.92        0.15815
         593047.59    4123119.92        0.18173                      593087.59
4123119.92        0.21288
         593127.59    4123119.92        0.25316                      593167.59
4123119.92        0.30380
         593207.59    4123119.92        0.37040                      593247.59
4123119.92        0.45985
         593287.59    4123119.92        0.56306                      593327.59
4123119.92        0.69685
         593367.59    4123119.92        0.83925                      593407.59
4123119.92        1.01799
         593447.59    4123119.92        1.24572                      593487.59
4123119.92        1.58091
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P3ON ***

INCLUDING SOURCE(S): L0005675 , L0005676 , L0005677 , L0005678 , L0005679 , L0005680 , L0005681 , L0005682 , L0005683 , L0005684 , L0005685 , L0005686 , L0005687 , L0005688 , L0005689 , L0005690 , L0005691 , L0005692 , L0005693 , L0005694 , L0005695 , L0005696 , L0005697 , L0005698 , L0005699 , L0005700 , L0005701 , L0005702 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	1.98414	593567.59	4123119.92	2.40382
593607.59	4123119.92	2.70566	593647.59	4123119.92	2.81954
593687.59	4123119.92	2.71358	593727.59	4123119.92	2.44183
593767.59	4123119.92	2.09150	593807.59	4123119.92	1.73581
593847.59	4123119.92	1.41435	593887.59	4123119.92	1.14201
593927.59	4123119.92	0.92113	593967.59	4123119.92	0.74589
594007.59	4123119.92	0.60758	592567.59	4123159.92	0.06161
592607.59	4123159.92	0.06610	592647.59	4123159.92	0.07104
592687.59	4123159.92	0.07593	592727.59	4123159.92	0.08224
592767.59	4123159.92	0.08978	592807.59	4123159.92	0.09864
592847.59	4123159.92	0.10906	592887.59	4123159.92	0.12164
592927.59	4123159.92	0.13697	592967.59	4123159.92	0.15588
593007.59	4123159.92	0.17967	593047.59	4123159.92	0.20834

593087.59 4123159.92 0.24634 593127.59 4123159.92 0.29663
593167.59 4123159.92 0.36691 593207.59 4123159.92 0.46199
593247.59 4123159.92 0.59504 593287.59 4123159.92 0.76737
593327.59 4123159.92 1.00200 593367.59 4123159.92 1.28762
593407.59 4123159.92 1.66510 593447.59 4123159.92 2.22609
593487.59 4123159.92 2.96726 593527.59 4123159.92 3.71989
593567.59 4123159.92 4.28717 593607.59 4123159.92 4.46583
593647.59 4123159.92 4.19523 593687.59 4123159.92 3.60237
593727.59 4123159.92 2.91119 593767.59 4123159.92 2.27594
593807.59 4123159.92 1.75604 593847.59 4123159.92 1.35385
593887.59 4123159.92 1.04989 593927.59 4123159.92 0.82301
593967.59 4123159.92 0.65361 594007.59 4123159.92 0.52609
592567.59 4123199.92 0.06499 592607.59 4123199.92 0.06990
592647.59 4123199.92 0.07549 592687.59 4123199.92 0.08162
592727.59 4123199.92 0.08845 592767.59 4123199.92 0.09695
592807.59 4123199.92 0.10706 592847.59 4123199.92 0.11936
592887.59 4123199.92 0.13395 592927.59 4123199.92 0.15199
592967.59 4123199.92 0.17454 593007.59 4123199.92 0.20251
593047.59 4123199.92 0.23935 593087.59 4123199.92 0.28764
593127.59 4123199.92 0.35126 593167.59 4123199.92 0.44552
593207.59 4123199.92 0.57950 593247.59 4123199.92 0.78157
593287.59 4123199.92 1.08448 593327.59 4123199.92 1.55621
593367.59 4123199.92 2.21574 593407.59 4123199.92 3.25647
593447.59 4123199.92 4.87113 593487.59 4123199.92 6.47298
593527.59 4123199.92 7.61932 593567.59 4123199.92 7.93230

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                                  INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                 L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                 L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                 L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593767.59   4123199.92   2.17525   593807.59
4123199.92   1.58102
         593847.59   4123199.92   1.17157   593887.59
4123199.92   0.88717
         593927.59   4123199.92   0.68653   593967.59
4123199.92   0.54225
         594007.59   4123199.92   0.43645   592567.59
4123239.92   0.06866
         592607.59   4123239.92   0.07398   592647.59
4123239.92   0.08027
         592687.59   4123239.92   0.08737   592727.59
4123239.92   0.09554
         592767.59   4123239.92   0.10497   592807.59
4123239.92   0.11646
         592847.59   4123239.92   0.13028   592887.59
4123239.92   0.14678
         592927.59   4123239.92   0.16759   592967.59

4123239.92 0.19447
593007.59 4123239.92 0.22812 593047.59
4123239.92 0.27322
593087.59 4123239.92 0.33323 593127.59
4123239.92 0.41796
593167.59 4123239.92 0.54104 593207.59
4123239.92 0.72988
593247.59 4123239.92 1.03855 593287.59
4123239.92 1.59326
593327.59 4123239.92 2.68742 593367.59
4123239.92 4.88253
593407.59 4123239.92 9.46748 593447.59
4123239.92 13.92231
593487.59 4123239.92 16.64135 593527.59
4123239.92 17.13530
593567.59 4123239.92 14.91498 593607.59
4123239.92 10.25699
593647.59 4123239.92 6.43936 593687.59
4123239.92 4.05250
593727.59 4123239.92 2.63594 593767.59
4123239.92 1.78689
593807.59 4123239.92 1.26160 593847.59
4123239.92 0.92376
593887.59 4123239.92 0.69892 593927.59
4123239.92 0.54390
593967.59 4123239.92 0.43363 594007.59
4123239.92 0.35298
592567.59 4123279.92 0.07257 592607.59
4123279.92 0.07852
592647.59 4123279.92 0.08528 592687.59
4123279.92 0.09326
592727.59 4123279.92 0.10266 592767.59
4123279.92 0.11364
592807.59 4123279.92 0.12693 592847.59
4123279.92 0.14262
592887.59 4123279.92 0.16187 592927.59
4123279.92 0.18602
592967.59 4123279.92 0.21728 593007.59
4123279.92 0.25760
593047.59 4123279.92 0.31207 593087.59
4123279.92 0.38687
593127.59 4123279.92 0.49655 593167.59
4123279.92 0.66080
593207.59 4123279.92 0.91999 593247.59
4123279.92 1.38369
593287.59 4123279.92 2.37291 593327.59
4123279.92 5.19771
593367.59 4123279.92 10.44980 593407.59
4123279.92 29.98072
593447.59 4123279.92 36.43809 593487.59

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                                  INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                 L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                 L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                 L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594007.59   4123279.92   0.28508   592567.59
4123319.92   0.07686
         592607.59   4123319.92   0.08329   592647.59
4123319.92   0.09094
         592687.59   4123319.92   0.09983   592727.59
4123319.92   0.11042
         592767.59   4123319.92   0.12304   592807.59
4123319.92   0.13835

592847.59 4123319.92 0.15692 592887.59 4123319.92 0.17985
592927.59 4123319.92 0.20835 592967.59 4123319.92 0.24567
593007.59 4123319.92 0.29521 593047.59 4123319.92 0.36391
593087.59 4123319.92 0.46109 593127.59 4123319.92 0.60649
593167.59 4123319.92 0.83571 593207.59 4123319.92 1.22046
593247.59 4123319.92 1.97602 593287.59 4123319.92 3.79429
593327.59 4123319.92 9.54515 593367.59 4123319.92 22.23764
593407.59 4123319.92 38.91691 593447.59 4123319.92 44.13080
593487.59 4123319.92 41.29353 593527.59 4123319.92 28.43047
593567.59 4123319.92 15.79656 593607.59 4123319.92 6.06835
593647.59 4123319.92 3.10570 593687.59 4123319.92 1.87352
593727.59 4123319.92 1.24787 593767.59 4123319.92 0.88816
593807.59 4123319.92 0.66318 593847.59 4123319.92 0.51367
593887.59 4123319.92 0.40952 593927.59 4123319.92 0.33427
593967.59 4123319.92 0.27822 594007.59 4123319.92 0.23549
592567.59 4123359.92 0.08156 592607.59 4123359.92 0.08887
592647.59 4123359.92 0.09753 592687.59 4123359.92 0.10771
592727.59 4123359.92 0.11965 592767.59 4123359.92 0.13436
592807.59 4123359.92 0.15215 592847.59 4123359.92 0.17412
592887.59 4123359.92 0.20171 592927.59 4123359.92 0.23723
592967.59 4123359.92 0.28424 593007.59 4123359.92 0.34786
593047.59 4123359.92 0.43761 593087.59 4123359.92 0.56888
593127.59 4123359.92 0.77207 593167.59 4123359.92 1.10192
593207.59 4123359.92 1.67435 593247.59 4123359.92 2.76761
593287.59 4123359.92 5.06097 593327.59 4123359.92 10.08645

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         593367.59    4123359.92       17.36484                      593407.59
4123359.92       21.12740
         593447.59    4123359.92       24.27340                      593487.59
4123359.92       22.10063
         593527.59    4123359.92       12.08270                      593567.59
4123359.92        5.86282
         593607.59    4123359.92        2.98336                      593647.59
4123359.92        1.81322
         593687.59    4123359.92        1.21620                      593727.59
4123359.92        0.87045
         593767.59    4123359.92        0.65263                      593807.59
4123359.92        0.50705
         593847.59    4123359.92        0.40533                      593887.59
4123359.92        0.33159
         593927.59    4123359.92        0.27652                      593967.59
4123359.92        0.23429
         594007.59    4123359.92        0.20126                      592567.59
4123399.92        0.08728
         592607.59    4123399.92        0.09567                      592647.59
4123399.92        0.10542
         592687.59    4123399.92        0.11719                      592727.59
4123399.92        0.13135
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 384
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
592767.59 4123399.92 0.14867 592807.59
4123399.92 0.17009
592847.59 4123399.92 0.19683 592887.59
4123399.92 0.23110
592927.59 4123399.92 0.27623 592967.59
4123399.92 0.33658
593007.59 4123399.92 0.42001 593047.59
4123399.92 0.53792
593087.59 4123399.92 0.71255 593127.59
4123399.92 0.97775
593167.59 4123399.92 1.39716 593207.59
4123399.92 2.06953
593247.59 4123399.92 3.15622 593287.59
4123399.92 4.83680
593327.59 4123399.92 7.10800 593367.59
4123399.92 9.22905
593407.59 4123399.92 10.14974 593447.59
4123399.92 9.55056
593487.59 4123399.92 7.58994 593527.59
4123399.92 4.94853
593567.59 4123399.92 2.95221 593607.59
4123399.92 1.87189
593647.59 4123399.92 1.27008 593687.59
4123399.92 0.90989
593727.59 4123399.92 0.67999 593767.59
4123399.92 0.52582
593807.59 4123399.92 0.41817 593847.59
4123399.92 0.34051
593887.59 4123399.92 0.28272 593927.59
4123399.92 0.23867
593967.59 4123399.92 0.20446 594007.59
4123399.92 0.17745
592567.59 4123439.92 0.09429 592607.59
4123439.92 0.10388
592647.59 4123439.92 0.11546 592687.59
4123439.92 0.12930
592727.59 4123439.92 0.14642 592767.59
4123439.92 0.16736
592807.59 4123439.92 0.19334 592847.59
4123439.92 0.22637
592887.59 4123439.92 0.26985 592927.59
4123439.92 0.32647
592967.59 4123439.92 0.40202 593007.59
4123439.92 0.50515
593047.59 4123439.92 0.64896 593087.59
4123439.92 0.85318
593127.59 4123439.92 1.14550 593167.59
4123439.92 1.55834
593207.59 4123439.92 2.12952 593247.59

```
4123439.92        2.85951
         593287.59    4123439.92        3.67281                      593327.59
4123439.92        4.41213
         593367.59    4123439.92        4.83088                      593407.59
4123439.92        4.74141
         593447.59    4123439.92        4.20170                      593487.59
4123439.92        3.39993
         593527.59    4123439.92        2.51557                      593567.59
4123439.92        1.78677
         593607.59    4123439.92        1.28657                      593647.59
4123439.92        0.94722
         593687.59    4123439.92        0.71752                      593727.59
4123439.92        0.55727
         593767.59    4123439.92        0.44291                      593807.59
4123439.92        0.35959
         593847.59    4123439.92        0.29767                      593887.59
4123439.92        0.25060
         593927.59    4123439.92        0.21410                      593967.59
4123439.92        0.18520
         594007.59    4123439.92        0.16198                      592567.59
4123479.92        0.10284
         592607.59    4123479.92        0.11419                      592647.59
4123479.92        0.12790
         592687.59    4123479.92        0.14449                      592727.59
4123479.92        0.16489
         592767.59    4123479.92        0.19007                      592807.59
4123479.92        0.22169
         592847.59    4123479.92        0.26131                      592887.59
4123479.92        0.31426
         592927.59    4123479.92        0.38078                      592967.59
4123479.92        0.46907
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 385
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	0.58463	593047.59	4123479.92	0.73860
593087.59	4123479.92	0.93956	593127.59	4123479.92	1.19615
593167.59	4123479.92	1.51794	593207.59	4123479.92	1.88894
593247.59	4123479.92	2.26550	593287.59	4123479.92	2.58158
593327.59	4123479.92	2.78394	593367.59	4123479.92	2.83598
593407.59	4123479.92	2.68081	593447.59	4123479.92	2.35101
593487.59	4123479.92	1.93607	593527.59	4123479.92	1.52068
593567.59	4123479.92	1.17397	593607.59	4123479.92	0.91279
593647.59	4123479.92	0.71754	593687.59	4123479.92	0.57236
593727.59	4123479.92	0.46362	593767.59	4123479.92	0.38124
593807.59	4123479.92	0.31759	593847.59	4123479.92	0.26744
593887.59	4123479.92	0.22776	593927.59	4123479.92	0.19619
593967.59	4123479.92	0.17075	594007.59	4123479.92	0.15014
592567.59	4123519.92	0.11320	592607.59	4123519.92	0.12673
592647.59	4123519.92	0.14269	592687.59	4123519.92	0.16221
592727.59	4123519.92	0.18611	592767.59	4123519.92	0.21548
592807.59	4123519.92	0.25196	592847.59	4123519.92	0.29737
592887.59	4123519.92	0.35436	592927.59	4123519.92	0.42769
592967.59	4123519.92	0.51945	593007.59	4123519.92	0.63060
593047.59	4123519.92	0.77053	593087.59	4123519.92	0.94130

```
         593127.59    4123519.92        1.13846                       593167.59
4123519.92        1.34961
         593207.59    4123519.92        1.55221                       593247.59
4123519.92        1.71928
         593287.59    4123519.92        1.82482                       593327.59
4123519.92        1.85250
         593367.59    4123519.92        1.79483                       593407.59
4123519.92        1.65821
         593447.59    4123519.92        1.46599                       593487.59
4123519.92        1.24589
         593527.59    4123519.92        1.02564                       593567.59
4123519.92        0.83474
         593607.59    4123519.92        0.68273                       593647.59
4123519.92        0.56169
         593687.59    4123519.92        0.46484                       593727.59
4123519.92        0.38826
         593767.59    4123519.92        0.32767                       593807.59
4123519.92        0.27876
         593847.59    4123519.92        0.23935                       593887.59
4123519.92        0.20692
         593927.59    4123519.92        0.18047                       593967.59
4123519.92        0.15846
         594007.59    4123519.92        0.14033                       592567.59
4123559.92        0.12553
         592607.59    4123559.92        0.14038                       592647.59
4123559.92        0.15906
         592687.59    4123559.92        0.18128                       592727.59
4123559.92        0.20811
         592767.59    4123559.92        0.24069                       592807.59
4123559.92        0.28041
         592847.59    4123559.92        0.32883                       592887.59
4123559.92        0.38763
         592927.59    4123559.92        0.45908                       592967.59
4123559.92        0.54355
         593007.59    4123559.92        0.64173                       593047.59
4123559.92        0.75414
         593087.59    4123559.92        0.87716                       593127.59
4123559.92        1.00293
         593167.59    4123559.92        1.11925                       593207.59
4123559.92        1.21181
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 386
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON     ***
```

INCLUDING SOURCE(S): L0005675 , L0005676
, L0005677 , L0005678 , L0005679 ,
L0005680 , L0005681 , L0005682 , L0005683 , L0005684
, L0005685 , L0005686 , L0005687 ,
L0005688 , L0005689 , L0005690 , L0005691 , L0005692
, L0005693 , L0005694 , L0005695 ,
L0005696 , L0005697 , L0005698 , L0005699 , L0005700
, L0005701 , L0005702 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593247.59	4123559.92	1.26967	593287.59	4123559.92	1.28941
593327.59	4123559.92	1.27127	593367.59	4123559.92	1.21464
593407.59	4123559.92	1.12266	593447.59	4123559.92	1.00379
593487.59	4123559.92	0.87057	593527.59	4123559.92	0.73871
593567.59	4123559.92	0.62196	593607.59	4123559.92	0.52495
593647.59	4123559.92	0.44509	593687.59	4123559.92	0.37876
593727.59	4123559.92	0.32427	593767.59	4123559.92	0.27986
593807.59	4123559.92	0.24317	593847.59	4123559.92	0.21293
593887.59	4123559.92	0.18724	593927.59	4123559.92	0.16563
593967.59	4123559.92	0.14713	594007.59	4123559.92	0.13149
592567.59	4123599.92	0.13808	592607.59	4123599.92	0.15470
592647.59	4123599.92	0.17491	592687.59	4123599.92	0.19887
592727.59	4123599.92	0.22721	592767.59	4123599.92	0.26108
592807.59	4123599.92	0.30209	592847.59	4123599.92	0.34837
592887.59	4123599.92	0.40137	592927.59	4123599.92	0.46232
592967.59	4123599.92	0.53192	593007.59		

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4123599.92        0.60903
         593047.59    4123599.92        0.69053                       593087.59
4123599.92        0.77153
         593127.59    4123599.92        0.84485                       593167.59
4123599.92        0.90265
         593207.59    4123599.92        0.93942                       593247.59
4123599.92        0.95306
         593287.59    4123599.92        0.94523                       593327.59
4123599.92        0.91808
         593367.59    4123599.92        0.87195                       593407.59
4123599.92        0.80735
         593447.59    4123599.92        0.72783                       593487.59
4123599.92        0.64035
         593527.59    4123599.92        0.55480                       593567.59
4123599.92        0.47874
         593607.59    4123599.92        0.41411                       593647.59
4123599.92        0.35979
         593687.59    4123599.92        0.31319                       593727.59
4123599.92        0.27329
         593767.59    4123599.92        0.23989                       593807.59
4123599.92        0.21204
         593847.59    4123599.92        0.18859                       593887.59
4123599.92        0.16843
         593927.59    4123599.92        0.15122                       593967.59
4123599.92        0.13601
         594007.59    4123599.92        0.12290                       593087.59
4123639.92        0.66707
         593127.59    4123639.92        0.70594                       593167.59
4123639.92        0.72906
         593207.59    4123639.92        0.73572                       593247.59
4123639.92        0.72913
         593287.59    4123639.92        0.71308                       593327.59
4123639.92        0.68736
         593367.59    4123639.92        0.65237                       593407.59
4123639.92        0.60617
         593447.59    4123639.92        0.55067                       593487.59
4123639.92        0.49027
         593527.59    4123639.92        0.43171                       593567.59
4123639.92        0.37939
         593607.59    4123639.92        0.33464                       593647.59
4123639.92        0.29614
         593687.59    4123639.92        0.26267                       593727.59
4123639.92        0.23294
         593767.59    4123639.92        0.20737                       593807.59
4123639.92        0.18550
         593847.59    4123639.92        0.16707                       593887.59
4123639.92        0.15099
         593927.59    4123639.92        0.13728                       593967.59
4123639.92        0.12498
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                               INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                 L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                 L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                 L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594007.59   4123639.92   0.11417   593087.59
4123679.92   0.56425
         593127.59   4123679.92   0.57716   593167.59
4123679.92   0.58362
         593207.59   4123679.92   0.58032   593247.59
4123679.92   0.56890
         593287.59   4123679.92   0.55390   593327.59
4123679.92   0.53302
         593367.59   4123679.92   0.50597   593407.59
4123679.92   0.47183
         593447.59   4123679.92   0.43122   593487.59
4123679.92   0.38764
         593527.59   4123679.92   0.34572   593567.59
4123679.92   0.30809
         593607.59   4123679.92   0.27583   593647.59
4123679.92   0.24799
         593687.59   4123679.92   0.22325   593727.59
4123679.92   0.20088
         593767.59   4123679.92   0.18089   593807.59
4123679.92   0.16333
         593847.59   4123679.92   0.14842   593887.59
4123679.92   0.13537

593927.59 4123679.92 0.12429 593967.59 4123679.92 0.11433
594007.59 4123679.92 0.10548 593087.59 4123719.92 0.47400
593127.59 4123719.92 0.47790 593167.59 4123719.92 0.47513
593207.59 4123719.92 0.46696 593247.59 4123719.92 0.45543
593287.59 4123719.92 0.44185 593327.59 4123719.92 0.42516
593367.59 4123719.92 0.40391 593407.59 4123719.92 0.37773
593447.59 4123719.92 0.34715 593487.59 4123719.92 0.31470
593527.59 4123719.92 0.28344 593567.59 4123719.92 0.25548
593607.59 4123719.92 0.23126 593647.59 4123719.92 0.21057
593687.59 4123719.92 0.19202 593727.59 4123719.92 0.17489
593767.59 4123719.92 0.15921 593807.59 4123719.92 0.14501
593847.59 4123719.92 0.13259 593887.59 4123719.92 0.12179
593927.59 4123719.92 0.11259 593967.59 4123719.92 0.10441
594007.59 4123719.92 0.09712 593087.59 4123759.92 0.39971
593127.59 4123759.92 0.39711 593167.59 4123759.92 0.39073
593207.59 4123759.92 0.38243 593247.59 4123759.92 0.37227
593287.59 4123759.92 0.36062 593327.59 4123759.92 0.34704
593367.59 4123759.92 0.33009 593407.59 4123759.92 0.30947
593447.59 4123759.92 0.28581 593487.59 4123759.92 0.26107
593527.59 4123759.92 0.23710 593567.59 4123759.92 0.21559
593607.59 4123759.92 0.19693 593647.59 4123759.92 0.18094
593687.59 4123759.92 0.16683 593727.59 4123759.92 0.15364
593767.59 4123759.92 0.14126 593807.59 4123759.92 0.12968
593847.59 4123759.92 0.11933 593887.59 4123759.92 0.11035
593927.59 4123759.92 0.10243 593967.59 4123759.92 0.09546

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                                  INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                  L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                  L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                  L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593367.59   4123799.92   0.27503   593407.59
4123799.92   0.25847
         593447.59   4123799.92   0.23988   593487.59
4123799.92   0.22049
         593527.59   4123799.92   0.20175   593567.59
4123799.92   0.18467
         593607.59   4123799.92   0.16997   593647.59
4123799.92   0.15730
         593687.59   4123799.92   0.14621   593727.59
4123799.92   0.13608
         593767.59   4123799.92   0.12617   593807.59
4123799.92   0.11682
         593847.59   4123799.92   0.10824   593887.59

4123799.92 0.10057
593927.59 4123799.92 0.09368 593967.59
4123799.92 0.08760
594007.59 4123799.92 0.08234 593087.59
4123839.92 0.28838
593127.59 4123839.92 0.28245 593167.59
4123839.92 0.27578
593207.59 4123839.92 0.26899 593247.59
4123839.92 0.26196
593287.59 4123839.92 0.25403 593327.59
4123839.92 0.24452
593367.59 4123839.92 0.23297 593407.59
4123839.92 0.21942
593447.59 4123839.92 0.20455 593487.59
4123839.92 0.18908
593527.59 4123839.92 0.17411 593567.59
4123839.92 0.16032
593607.59 4123839.92 0.14836 593647.59
4123839.92 0.13813
593687.59 4123839.92 0.12928 593727.59
4123839.92 0.12129
593767.59 4123839.92 0.11344 593807.59
4123839.92 0.10595
593847.59 4123839.92 0.09875 593887.59
4123839.92 0.09209
593927.59 4123839.92 0.08607 593967.59
4123839.92 0.08074
594007.59 4123839.92 0.07610 593087.59
4123879.92 0.24779
593127.59 4123879.92 0.24209 593167.59
4123879.92 0.23628
593207.59 4123879.92 0.23059 593247.59
4123879.92 0.22469
593287.59 4123879.92 0.21796 593327.59
4123879.92 0.20980
593367.59 4123879.92 0.20010 593407.59
4123879.92 0.18889
593447.59 4123879.92 0.17675 593487.59
4123879.92 0.16427
593527.59 4123879.92 0.15208 593567.59
4123879.92 0.14081
593607.59 4123879.92 0.13091 593647.59
4123879.92 0.12247
593687.59 4123879.92 0.11520 593727.59
4123879.92 0.10874
593767.59 4123879.92 0.10256 593807.59
4123879.92 0.09651
593847.59 4123879.92 0.09054 593887.59
4123879.92 0.08480
593927.59 4123879.92 0.07955 593967.59

4123879.92 0.07480
594007.59 4123879.92 0.07065

↑ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\Good Sam Phase I Cons\Good Sam Phase I Cons.isc *** 10/04/23
*** AERMET - VERSION 18081 *** ***
*** 17:51:42

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592567.59	4122799.92	0.06014	592607.59	4122799.92	0.06345
592647.59	4122799.92	0.06670	592687.59	4122799.92	0.07352
592727.59	4122799.92	0.07798	592767.59	4122799.92	0.08279
592807.59	4122799.92	0.08743	592847.59	4122799.92	0.09022
592887.59	4122799.92	0.09438	592927.59	4122799.92	0.09859
592967.59	4122799.92	0.10344	593007.59	4122799.92	0.10876
593047.59	4122799.92	0.11548	593087.59	4122799.92	0.12341
593127.59	4122799.92	0.13281	593167.59	4122799.92	0.14344
593207.59	4122799.92	0.15533	593247.59	4122799.92	0.16744
593287.59	4122799.92	0.17925	593327.59	4122799.92	0.19070

593367.59 4122799.92 0.20147 593407.59
4122799.92 0.21064
593447.59 4122799.92 0.21780 593487.59
4122799.92 0.22304
593527.59 4122799.92 0.22632 593567.59
4122799.92 0.22765
593607.59 4122799.92 0.22695 593647.59
4122799.92 0.22454
593687.59 4122799.92 0.22048 593727.59
4122799.92 0.21502
593767.59 4122799.92 0.20861 593807.59
4122799.92 0.20120
593847.59 4122799.92 0.19337 593887.59
4122799.92 0.18495
593927.59 4122799.92 0.17627 593967.59
4122799.92 0.16747
594007.59 4122799.92 0.15862 592567.59
4122839.92 0.06659
592607.59 4122839.92 0.07055 592647.59
4122839.92 0.07557
592687.59 4122839.92 0.08093 592727.59
4122839.92 0.08757
592767.59 4122839.92 0.09441 592807.59
4122839.92 0.09896
592847.59 4122839.92 0.10301 592887.59
4122839.92 0.10766
592927.59 4122839.92 0.11311 592967.59
4122839.92 0.11944
593007.59 4122839.92 0.12735 593047.59
4122839.92 0.13669
593087.59 4122839.92 0.14685 593127.59
4122839.92 0.15945
593167.59 4122839.92 0.17360 593207.59
4122839.92 0.18862
593247.59 4122839.92 0.20332 593287.59
4122839.92 0.21749
593327.59 4122839.92 0.22997 593367.59
4122839.92 0.24068
593407.59 4122839.92 0.24916 593447.59
4122839.92 0.25490
593487.59 4122839.92 0.25805 593527.59
4122839.92 0.25874
593567.59 4122839.92 0.25710 593607.59
4122839.92 0.25319
593647.59 4122839.92 0.24777 593687.59
4122839.92 0.24047
593727.59 4122839.92 0.23183 593767.59
4122839.92 0.22244
593807.59 4122839.92 0.21230 593847.59
4122839.92 0.20189

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.11342	592847.59	4122879.92	0.11974
592887.59	4122879.92	0.12555	592927.59	4122879.92	0.13267
592967.59	4122879.92	0.14085	593007.59	4122879.92	0.15121
593047.59	4122879.92	0.16404	593087.59	4122879.92	0.17854
593127.59	4122879.92	0.19525	593167.59	4122879.92	0.21438
593207.59	4122879.92	0.23254	593247.59	4122879.92	0.25037
593287.59	4122879.92	0.26570	593327.59		

4122879.92 0.27842
593367.59 4122879.92 0.28798 593407.59
4122879.92 0.29431
593447.59 4122879.92 0.29712 593487.59
4122879.92 0.29679
593527.59 4122879.92 0.29350 593567.59
4122879.92 0.28774
593607.59 4122879.92 0.27959 593647.59
4122879.92 0.27007
593687.59 4122879.92 0.25895 593727.59
4122879.92 0.24679
593767.59 4122879.92 0.23413 593807.59
4122879.92 0.22110
593847.59 4122879.92 0.20812 593887.59
4122879.92 0.19532
593927.59 4122879.92 0.18290 593967.59
4122879.92 0.17093
594007.59 4122879.92 0.15955 592567.59
4122919.92 0.08377
592607.59 4122919.92 0.09087 592647.59
4122919.92 0.09967
592687.59 4122919.92 0.10865 592727.59
4122919.92 0.11745
592767.59 4122919.92 0.12547 592807.59
4122919.92 0.13235
592847.59 4122919.92 0.14016 592887.59
4122919.92 0.14768
592927.59 4122919.92 0.15830 592967.59
4122919.92 0.17031
593007.59 4122919.92 0.18446 593047.59
4122919.92 0.20172
593087.59 4122919.92 0.22263 593127.59
4122919.92 0.24572
593167.59 4122919.92 0.26994 593207.59
4122919.92 0.29121
593247.59 4122919.92 0.31096 593287.59
4122919.92 0.32607
593327.59 4122919.92 0.33736 593367.59
4122919.92 0.34376
593407.59 4122919.92 0.34590 593447.59
4122919.92 0.34388
593487.59 4122919.92 0.33822 593527.59
4122919.92 0.32941
593567.59 4122919.92 0.31836 593607.59
4122919.92 0.30502
593647.59 4122919.92 0.29043 593687.59
4122919.92 0.27501
593727.59 4122919.92 0.25906 593767.59
4122919.92 0.24301
593807.59 4122919.92 0.22710 593847.59

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4122919.92        0.21163
         593887.59    4122919.92        0.19680                       593927.59
4122919.92        0.18271
         593967.59    4122919.92        0.16953                       594007.59
4122919.92        0.15707
         592567.59    4122959.92        0.10032                       592607.59
4122959.92        0.10661
         592647.59    4122959.92        0.11706                       592687.59
4122959.92        0.12699
         592727.59    4122959.92        0.13802                       592767.59
4122959.92        0.14791
         592807.59    4122959.92        0.15705                       592847.59
4122959.92        0.16715
         592887.59    4122959.92        0.17805                       592927.59
4122959.92        0.19176
         592967.59    4122959.92        0.20934                       593007.59
4122959.92        0.23142
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593047.59    4122959.92        0.25765                       593087.59
4122959.92        0.28537
         593127.59    4122959.92        0.31651                       593167.59
4122959.92        0.34579
         593207.59    4122959.92        0.36945                       593247.59
4122959.92        0.38844
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593287.59 4122959.92 0.40071 593327.59 4122959.92 0.40742
593367.59 4122959.92 0.40749 593407.59 4122959.92 0.40280
593447.59 4122959.92 0.39333 593487.59 4122959.92 0.38043
593527.59 4122959.92 0.36441 593567.59 4122959.92 0.34692
593607.59 4122959.92 0.32748 593647.59 4122959.92 0.30747
593687.59 4122959.92 0.28738 593727.59 4122959.92 0.26754
593767.59 4122959.92 0.24823 593807.59 4122959.92 0.22963
593847.59 4122959.92 0.21215 593887.59 4122959.92 0.19557
593927.59 4122959.92 0.18012 593967.59 4122959.92 0.16586
594007.59 4122959.92 0.15269 592567.59 4122999.92 0.11991
592607.59 4122999.92 0.12537 592647.59 4122999.92 0.13675
592687.59 4122999.92 0.14971 592727.59 4122999.92 0.16361
592767.59 4122999.92 0.17708 592807.59 4122999.92 0.18983
592847.59 4122999.92 0.20413 592887.59 4122999.92 0.21992
592927.59 4122999.92 0.24034 592967.59 4122999.92 0.26692
593007.59 4122999.92 0.30039 593047.59 4122999.92 0.33855
593087.59 4122999.92 0.37609 593127.59 4122999.92 0.41583
593167.59 4122999.92 0.44787 593207.59 4122999.92 0.47032
593247.59 4122999.92 0.48465 593287.59 4122999.92 0.48953
593327.59 4122999.92 0.48733 593367.59 4122999.92 0.47752
593407.59 4122999.92 0.46279 593447.59 4122999.92 0.44330
593487.59 4122999.92 0.42122 593527.59 4122999.92 0.39696
593567.59 4122999.92 0.37178 593607.59 4122999.92 0.34590
593647.59 4122999.92 0.32034 593687.59 4122999.92 0.29558
593727.59 4122999.92 0.27196 593767.59 4122999.92 0.24973

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         593807.59    4122999.92        0.22876                      593847.59
4122999.92        0.20933
         593887.59    4122999.92        0.19140                      593927.59
4122999.92        0.17500
         593967.59    4122999.92        0.16013                      594007.59
4122999.92        0.14662
         592567.59    4123039.92        0.13866                      592607.59
4123039.92        0.14910
         592647.59    4123039.92        0.16199                      592687.59
4123039.92        0.17948
         592727.59    4123039.92        0.19837                      592767.59
4123039.92        0.21705
         592807.59    4123039.92        0.23614                      592847.59
4123039.92        0.25596
         592887.59    4123039.92        0.28012                      592927.59
4123039.92        0.31299
         592967.59    4123039.92        0.35596                      593007.59
4123039.92        0.40802
         593047.59    4123039.92        0.46214                      593087.59
4123039.92        0.50981
         593127.59    4123039.92        0.55401                      593167.59
4123039.92        0.58300
         593207.59    4123039.92        0.59741                      593247.59
4123039.92        0.59966
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 392
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
593287.59 4123039.92 0.59066 593327.59
4123039.92 0.57419
593367.59 4123039.92 0.55014 593407.59
4123039.92 0.52215
593447.59 4123039.92 0.49040 593487.59
4123039.92 0.45783
593527.59 4123039.92 0.42395 593567.59
4123039.92 0.39086
593607.59 4123039.92 0.35829 593647.59
4123039.92 0.32737
593687.59 4123039.92 0.29832 593727.59
4123039.92 0.27145
593767.59 4123039.92 0.24657 593807.59
4123039.92 0.22383
593847.59 4123039.92 0.20320 593887.59
4123039.92 0.18448
593927.59 4123039.92 0.16764 593967.59
4123039.92 0.15260
594007.59 4123039.92 0.13912 592567.59
4123079.92 0.16110
592607.59 4123079.92 0.17873 592647.59
4123079.92 0.19608
592687.59 4123079.92 0.21972 592727.59
4123079.92 0.24597
592767.59 4123079.92 0.27325 592807.59
4123079.92 0.30172
592847.59 4123079.92 0.33268 592887.59
4123079.92 0.37359
592927.59 4123079.92 0.43072 592967.59
4123079.92 0.50184
593007.59 4123079.92 0.58090 593047.59
4123079.92 0.65199
593087.59 4123079.92 0.70621 593127.59
4123079.92 0.74074
593167.59 4123079.92 0.75347 593207.59
4123079.92 0.74848
593247.59 4123079.92 0.72979 593287.59
4123079.92 0.69947
593327.59 4123079.92 0.66303 593367.59
4123079.92 0.62068
593407.59 4123079.92 0.57666 593447.59
4123079.92 0.53098
593487.59 4123079.92 0.48676 593527.59
4123079.92 0.44323
593567.59 4123079.92 0.40237 593607.59
4123079.92 0.36357
593647.59 4123079.92 0.32783 593687.59
4123079.92 0.29517
593727.59 4123079.92 0.26571 593767.59

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4123079.92        0.23907
         593807.59    4123079.92        0.21528                        593847.59
4123079.92        0.19407
         593887.59    4123079.92        0.17517                        593927.59
4123079.92        0.15842
         593967.59    4123079.92        0.14364                        594007.59
4123079.92        0.13054
         592567.59    4123119.92        0.18797                        592607.59
4123119.92        0.21585
         592647.59    4123119.92        0.24343                        592687.59
4123119.92        0.27534
         592727.59    4123119.92        0.31461                        592767.59
4123119.92        0.35768
         592807.59    4123119.92        0.40157                        592847.59
4123119.92        0.45397
         592887.59    4123119.92        0.53018                        592927.59
4123119.92        0.63598
         592967.59    4123119.92        0.75530                        593007.59
4123119.92        0.86231
         593047.59    4123119.92        0.93679                        593087.59
4123119.92        0.97557
         593127.59    4123119.92        0.98007                        593167.59
4123119.92        0.95837
         593207.59    4123119.92        0.91853                        593247.59
4123119.92        0.86777
         593287.59    4123119.92        0.80887                        593327.59
4123119.92        0.74734
         593367.59    4123119.92        0.68378                        593407.59
4123119.92        0.62219
         593447.59    4123119.92        0.56193                        593487.59
4123119.92        0.50553
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 393
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	0.45283	593567.59	4123119.92	0.40478
593607.59	4123119.92	0.36074	593647.59	4123119.92	0.32145
593687.59	4123119.92	0.28624	593727.59	4123119.92	0.25507
593767.59	4123119.92	0.22762	593807.59	4123119.92	0.20356
593847.59	4123119.92	0.18248	593887.59	4123119.92	0.16397
593927.59	4123119.92	0.14780	593967.59	4123119.92	0.13368
594007.59	4123119.92	0.12129	592567.59	4123159.92	0.22135
592607.59	4123159.92	0.26068	592647.59	4123159.92	0.30872
592687.59	4123159.92	0.35664	592727.59	4123159.92	0.41991
592767.59	4123159.92	0.49151	592807.59	4123159.92	0.56827
592847.59	4123159.92	0.66873	592887.59	4123159.92	0.82812
592927.59	4123159.92	1.02926	592967.59	4123159.92	1.20475
593007.59	4123159.92	1.31055	593047.59	4123159.92	1.34048
593087.59	4123159.92	1.31817	593127.59	4123159.92	1.26013
593167.59	4123159.92	1.18282	593207.59	4123159.92	1.09453
593247.59	4123159.92	1.00262	593287.59	4123159.92	0.90951
593327.59	4123159.92	0.81939	593367.59	4123159.92	0.73332
593407.59	4123159.92	0.65332	593447.59	4123159.92	0.57903
593487.59	4123159.92	0.51156	593527.59	4123159.92	0.45101
593567.59	4123159.92	0.39745	593607.59	4123159.92	0.34965
593647.59	4123159.92	0.30788	593687.59	4123159.92	0.27154

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         593727.59    4123159.92        0.24005                      593767.59
4123159.92        0.21281
         593807.59    4123159.92        0.18933                      593847.59
4123159.92        0.16908
         593887.59    4123159.92        0.15153                      593927.59
4123159.92        0.13635
         593967.59    4123159.92        0.12320                      594007.59
4123159.92        0.11177
         592567.59    4123199.92        0.26168                      592607.59
4123199.92        0.31747
         592647.59    4123199.92        0.39068                      592687.59
4123199.92        0.48139
         592727.59    4123199.92        0.58836                      592767.59
4123199.92        0.72730
         592807.59    4123199.92        0.88355                      592847.59
4123199.92        1.13347
         592887.59    4123199.92        1.50804                      592927.59
4123199.92        1.83421
         592967.59    4123199.92        1.97815                      593007.59
4123199.92        1.96242
         593047.59    4123199.92        1.86065                      593087.59
4123199.92        1.71785
         593127.59    4123199.92        1.56148                      593167.59
4123199.92        1.40905
         593207.59    4123199.92        1.26180                      593247.59
4123199.92        1.12295
         593287.59    4123199.92        0.99270                      593327.59
4123199.92        0.87328
         593367.59    4123199.92        0.76475                      593407.59
4123199.92        0.66679
         593447.59    4123199.92        0.57981                      593487.59
4123199.92        0.50324
         593527.59    4123199.92        0.43708                      593567.59
4123199.92        0.37987
         593607.59    4123199.92        0.33035                      593647.59
4123199.92        0.28812
         593687.59    4123199.92        0.25228                      593727.59
4123199.92        0.22169
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 394
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                   INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
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                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92        0.19567                      593807.59
4123199.92        0.17354
         593847.59    4123199.92        0.15466                      593887.59
4123199.92        0.13850
         593927.59    4123199.92        0.12463                      593967.59
4123199.92        0.11268
         594007.59    4123199.92        0.10236                      592567.59
4123239.92        0.31006
         592607.59    4123239.92        0.38808                      592647.59
4123239.92        0.49930
         592687.59    4123239.92        0.66277                      592727.59
4123239.92        0.89968
         592767.59    4123239.92        1.21163                      592807.59
4123239.92        1.63306
         592847.59    4123239.92        2.44063                      592887.59
4123239.92        3.18628
         592927.59    4123239.92        3.34094                      592967.59
4123239.92        3.12155
         593007.59    4123239.92        2.77785                      593047.59
4123239.92        2.43929
         593087.59    4123239.92        2.13059                      593127.59
4123239.92        1.85913
         593167.59    4123239.92        1.62001                      593207.59
4123239.92        1.40787
         593247.59    4123239.92        1.21895                      593287.59
4123239.92        1.05100
         593327.59    4123239.92        0.90296                      593367.59
4123239.92        0.77266
         593407.59    4123239.92        0.66000                      593447.59
4123239.92        0.56310
         593487.59    4123239.92        0.48064                      593527.59
4123239.92        0.41138
         593567.59    4123239.92        0.35336                      593607.59
4123239.92        0.30457
         593647.59    4123239.92        0.26384                      593687.59
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4123239.92        0.22974
         593727.59    4123239.92        0.20119                      593767.59
4123239.92        0.17724
         593807.59    4123239.92        0.15708                      593847.59
4123239.92        0.14000
         593887.59    4123239.92        0.12553                      593927.59
4123239.92        0.11315
         593967.59    4123239.92        0.10254                      594007.59
4123239.92        0.09339
         592567.59    4123279.92        0.36850                      592607.59
4123279.92        0.47522
         592647.59    4123279.92        0.63994                      592687.59
4123279.92        0.91590
         592727.59    4123279.92        1.43877                      592767.59
4123279.92        2.56212
         592807.59    4123279.92        4.69093                      592847.59
4123279.92        7.68677
         592887.59    4123279.92        6.87618                      592927.59
4123279.92        5.54875
         592967.59    4123279.92        4.46206                      593007.59
4123279.92        3.63301
         593047.59    4123279.92        3.00887                      593087.59
4123279.92        2.52072
         593127.59    4123279.92        2.12947                      593167.59
4123279.92        1.80118
         593207.59    4123279.92        1.52004                      593247.59
4123279.92        1.27978
         593287.59    4123279.92        1.07484                      593327.59
4123279.92        0.90047
         593367.59    4123279.92        0.75327                      593407.59
4123279.92        0.63214
         593447.59    4123279.92        0.52931                      593487.59
4123279.92        0.44389
         593527.59    4123279.92        0.37569                      593567.59
4123279.92        0.32000
         593607.59    4123279.92        0.27419                      593647.59
4123279.92        0.23671
         593687.59    4123279.92        0.20569                      593727.59
4123279.92        0.18001
         593767.59    4123279.92        0.15873                      593807.59
4123279.92        0.14091
         593847.59    4123279.92        0.12591                      593887.59
4123279.92        0.11320
         593927.59    4123279.92        0.10238                      593967.59
4123279.92        0.09310
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	0.08510	592567.59	4123319.92	0.43934
592607.59	4123319.92	0.58464	592647.59	4123319.92	0.82537
592687.59	4123319.92	1.27813	592727.59	4123319.92	2.34860
592767.59	4123319.92	6.72022	592807.59	4123319.92	5.59030
592847.59	4123319.92	19.62876	592887.59	4123319.92	11.63505
592927.59	4123319.92	7.94082	592967.59	4123319.92	5.81125
593007.59	4123319.92	4.47205	593047.59	4123319.92	3.56115
593087.59	4123319.92	2.88892	593127.59	4123319.92	2.36616
593167.59	4123319.92	1.94193	593207.59	4123319.92	1.58836
593247.59	4123319.92	1.29675	593287.59	4123319.92	1.05873
593327.59	4123319.92	0.86319	593367.59	4123319.92	0.70622
593407.59	4123319.92	0.58167	593447.59	4123319.92	0.47919
593487.59	4123319.92	0.39727	593527.59	4123319.92	0.33368
593567.59	4123319.92	0.28299	593607.59	4123319.92	0.24195

593647.59 4123319.92 0.20886 593687.59 4123319.92 0.18180
593727.59 4123319.92 0.15951 593767.59 4123319.92 0.14111
593807.59 4123319.92 0.12576 593847.59 4123319.92 0.11284
593887.59 4123319.92 0.10191 593927.59 4123319.92 0.09258
593967.59 4123319.92 0.08457 594007.59 4123319.92 0.07765
592567.59 4123359.92 0.53527 592607.59 4123359.92 0.74143
592647.59 4123359.92 1.10893 592687.59 4123359.92 1.86749
592727.59 4123359.92 3.77448 592767.59 4123359.92 9.50108
592807.59 4123359.92 19.40765 592847.59 4123359.92 33.85850
592887.59 4123359.92 17.33532 592927.59 4123359.92 10.65347
592967.59 4123359.92 7.31417 593007.59 4123359.92 5.38249
593047.59 4123359.92 4.12641 593087.59 4123359.92 3.23744
593127.59 4123359.92 2.56145 593167.59 4123359.92 2.02586
593207.59 4123359.92 1.59633 593247.59 4123359.92 1.25694
593287.59 4123359.92 0.99406 593327.59 4123359.92 0.78926
593367.59 4123359.92 0.63265 593407.59 4123359.92 0.51347
593447.59 4123359.92 0.41969 593487.59 4123359.92 0.34664
593527.59 4123359.92 0.28984 593567.59 4123359.92 0.24555
593607.59 4123359.92 0.21046 593647.59 4123359.92 0.18231
593687.59 4123359.92 0.15946 593727.59 4123359.92 0.14066
593767.59 4123359.92 0.12513 593807.59 4123359.92 0.11215
593847.59 4123359.92 0.10120 593887.59 4123359.92 0.09190
593927.59 4123359.92 0.08394 593967.59 4123359.92 0.07706
594007.59 4123359.92 0.07107 592567.59 4123399.92 0.66865
592607.59 4123399.92 0.95508 592647.59 4123399.92 1.45920

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592767.59	4123399.92	7.80138	592807.59	4123399.92	16.64388
592847.59	4123399.92	14.97565	592887.59	4123399.92	26.22489
592927.59	4123399.92	14.47672	592967.59	4123399.92	9.23969
593007.59	4123399.92	6.45387	593047.59	4123399.92	4.73230
593087.59	4123399.92	3.55578	593127.59	4123399.92	2.68029
593167.59	4123399.92	2.01988	593207.59	4123399.92	1.51978
593247.59	4123399.92	1.15115	593287.59	4123399.92	0.88104
593327.59	4123399.92	0.68434	593367.59	4123399.92	0.53998
593407.59	4123399.92	0.43405	593447.59	4123399.92	0.35464
593487.59	4123399.92	0.29328	593527.59	4123399.92	0.24709
593567.59	4123399.92	0.21055	593607.59		

4123399.92 0.18169
593647.59 4123399.92 0.15854 593687.59
4123399.92 0.13967
593727.59 4123399.92 0.12418 593767.59
4123399.92 0.11125
593807.59 4123399.92 0.10038 593847.59
4123399.92 0.09114
593887.59 4123399.92 0.08321 593927.59
4123399.92 0.07637
593967.59 4123399.92 0.07045 594007.59
4123399.92 0.06530
592567.59 4123439.92 0.81685 592607.59
4123439.92 1.15516
592647.59 4123439.92 1.69132 592687.59
4123439.92 2.54452
592727.59 4123439.92 3.89989 592767.59
4123439.92 6.22781
592807.59 4123439.92 10.90199 592847.59
4123439.92 25.23547
592887.59 4123439.92 24.71166 592927.59
4123439.92 20.47095
592967.59 4123439.92 11.93190 593007.59
4123439.92 7.77798
593047.59 4123439.92 5.36582 593087.59
4123439.92 3.76480
593127.59 4123439.92 2.63822 593167.59
4123439.92 1.86784
593207.59 4123439.92 1.33718 593247.59
4123439.92 0.97718
593287.59 4123439.92 0.73233 593327.59
4123439.92 0.56357
593367.59 4123439.92 0.44382 593407.59
4123439.92 0.35743
593447.59 4123439.92 0.29386 593487.59
4123439.92 0.24609
593527.59 4123439.92 0.20961 593567.59
4123439.92 0.18052
593607.59 4123439.92 0.15740 593647.59
4123439.92 0.13858
593687.59 4123439.92 0.12314 593727.59
4123439.92 0.11028
593767.59 4123439.92 0.09948 593807.59
4123439.92 0.09036
593847.59 4123439.92 0.08261 593887.59
4123439.92 0.07595
593927.59 4123439.92 0.07019 593967.59
4123439.92 0.06515
594007.59 4123439.92 0.06072 592567.59
4123479.92 0.93340
592607.59 4123479.92 1.27165 592647.59

4123479.92 1.75289
592687.59 4123479.92 2.44109 592727.59
4123479.92 3.45475
592767.59 4123479.92 5.06085 592807.59
4123479.92 7.90422
592847.59 4123479.92 14.66808 592887.59
4123479.92 14.76121
592927.59 4123479.92 30.98295 592967.59
4123479.92 15.92185

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	9.34006	593047.59	4123479.92	5.82513
593087.59	4123479.92	3.66201	593127.59	4123479.92	2.33586
593167.59	4123479.92	1.54155	593207.59	4123479.92	1.06639
593247.59	4123479.92	0.76972	593287.59	4123479.92	0.57748
593327.59	4123479.92	0.44826	593367.59	4123479.92	0.35886
593407.59	4123479.92	0.29450	593447.59	4123479.92	0.24597
593487.59	4123479.92	0.20856	593527.59	4123479.92	0.17936

593567.59 4123479.92 0.15620 593607.59
4123479.92 0.13748
593647.59 4123479.92 0.12220 593687.59
4123479.92 0.10957
593727.59 4123479.92 0.09901 593767.59
4123479.92 0.09011
593807.59 4123479.92 0.08250 593847.59
4123479.92 0.07591
593887.59 4123479.92 0.07018 593927.59
4123479.92 0.06517
593967.59 4123479.92 0.06073 594007.59
4123479.92 0.05683
592567.59 4123519.92 0.99940 592607.59
4123519.92 1.30037
592647.59 4123519.92 1.70485 592687.59
4123519.92 2.24927
592727.59 4123519.92 3.01245 592767.59
4123519.92 4.15425
592807.59 4123519.92 6.02420 592847.59
4123519.92 9.64917
592887.59 4123519.92 19.93177 592927.59
4123519.92 14.08113
592967.59 4123519.92 21.53162 593007.59
4123519.92 10.69370
593047.59 4123519.92 5.46161 593087.59
4123519.92 2.93770
593127.59 4123519.92 1.74345 593167.59
4123519.92 1.13481
593207.59 4123519.92 0.79473 593247.59
4123519.92 0.58725
593287.59 4123519.92 0.45248 593327.59
4123519.92 0.36017
593367.59 4123519.92 0.29377 593407.59
4123519.92 0.24475
593447.59 4123519.92 0.20755 593487.59
4123519.92 0.17864
593527.59 4123519.92 0.15573 593567.59
4123519.92 0.13726
593607.59 4123519.92 0.12217 593647.59
4123519.92 0.10968
593687.59 4123519.92 0.09919 593727.59
4123519.92 0.09029
593767.59 4123519.92 0.08267 593807.59
4123519.92 0.07608
593847.59 4123519.92 0.07037 593887.59
4123519.92 0.06535
593927.59 4123519.92 0.06094 593967.59
4123519.92 0.05701
594007.59 4123519.92 0.05353 592567.59
4123559.92 1.01784

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592607.59	4123559.92	1.27472	592647.59	4123559.92	1.60117
592687.59	4123559.92	2.02817	592727.59	4123559.92	2.60537
592767.59	4123559.92	3.42286	592807.59	4123559.92	4.66109
592847.59	4123559.92	6.76501	592887.59	4123559.92	11.18708
592927.59	4123559.92	15.79982	592967.59	4123559.92	31.26492
593007.59	4123559.92	9.40055	593047.59	4123559.92	3.54215
593087.59	4123559.92	1.85030	593127.59	4123559.92	1.15488
593167.59	4123559.92	0.79762	593207.59	4123559.92	0.58750
593247.59	4123559.92	0.45257	593287.59	4123559.92	0.36047
593327.59	4123559.92	0.29467	593367.59	4123559.92	0.24597
593407.59	4123559.92	0.20889	593447.59	4123559.92	0.18000
593487.59	4123559.92	0.15705	593527.59		

4123559.92 0.13851
593567.59 4123559.92 0.12330 593607.59
4123559.92 0.11069
593647.59 4123559.92 0.10010 593687.59
4123559.92 0.09111
593727.59 4123559.92 0.08341 593767.59
4123559.92 0.07677
593807.59 4123559.92 0.07096 593847.59
4123559.92 0.06591
593887.59 4123559.92 0.06142 593927.59
4123559.92 0.05747
593967.59 4123559.92 0.05393 594007.59
4123559.92 0.05079
592567.59 4123599.92 0.99684 592607.59
4123599.92 1.21053
592647.59 4123599.92 1.47481 592687.59
4123599.92 1.80897
592727.59 4123599.92 2.24451 592767.59
4123599.92 2.82839
592807.59 4123599.92 3.57962 592847.59
4123599.92 4.66937
592887.59 4123599.92 6.53647 592927.59
4123599.92 10.02993
592967.59 4123599.92 8.41853 593007.59
4123599.92 3.22205
593047.59 4123599.92 1.74901 593087.59
4123599.92 1.12707
593127.59 4123599.92 0.79467 593167.59
4123599.92 0.59320
593207.59 4123599.92 0.46017 593247.59
4123599.92 0.36817
593287.59 4123599.92 0.30177 593327.59
4123599.92 0.25213
593367.59 4123599.92 0.21415 593407.59
4123599.92 0.18448
593447.59 4123599.92 0.16090 593487.59
4123599.92 0.14178
593527.59 4123599.92 0.12610 593567.59
4123599.92 0.11307
593607.59 4123599.92 0.10212 593647.59
4123599.92 0.09286
593687.59 4123599.92 0.08494 593727.59
4123599.92 0.07808
593767.59 4123599.92 0.07212 593807.59
4123599.92 0.06691
593847.59 4123599.92 0.06232 593887.59
4123599.92 0.05823
593927.59 4123599.92 0.05465 593967.59
4123599.92 0.05140
594007.59 4123599.92 0.04852 593087.59

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4123639.92        0.82125
         593127.59    4123639.92        0.61595                       593167.59
4123639.92        0.47874
         593207.59    4123639.92        0.38366                       593247.59
4123639.92        0.31473
         593287.59    4123639.92        0.26316                       593327.59
4123639.92        0.22346
         593367.59    4123639.92        0.19234                       593407.59
4123639.92        0.16744
         593447.59    4123639.92        0.14728                       593487.59
4123639.92        0.13072
         593527.59    4123639.92        0.11696                       593567.59
4123639.92        0.10541
         593607.59    4123639.92        0.09564                       593647.59
4123639.92        0.08727
         593687.59    4123639.92        0.08013                       593727.59
4123639.92        0.07389
         593767.59    4123639.92        0.06846                       593807.59
4123639.92        0.06367
         593847.59    4123639.92        0.05945                       593887.59
4123639.92        0.05564
         593927.59    4123639.92        0.05231                       593967.59
4123639.92        0.04929
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 399
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                  L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                  L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         594007.59    4123639.92        0.04660                    593087.59
4123679.92        0.60962
         593127.59    4123679.92        0.48366                    593167.59
4123679.92        0.39412
         593207.59    4123679.92        0.32631                    593247.59
4123679.92        0.27394
         593287.59    4123679.92        0.23406                    593327.59
4123679.92        0.20164
         593367.59    4123679.92        0.17555                    593407.59
4123679.92        0.15427
         593447.59    4123679.92        0.13673                    593487.59
4123679.92        0.12211
         593527.59    4123679.92        0.10984                    593567.59
4123679.92        0.09940
         593607.59    4123679.92        0.09054                    593647.59
4123679.92        0.08291
         593687.59    4123679.92        0.07630                    593727.59
4123679.92        0.07055
         593767.59    4123679.92        0.06550                    593807.59
4123679.92        0.06101
         593847.59    4123679.92        0.05707                    593887.59
4123679.92        0.05349
         593927.59    4123679.92        0.05037                    593967.59
4123679.92        0.04753
         594007.59    4123679.92        0.04498                    593087.59
4123719.92        0.46915
         593127.59    4123719.92        0.38958                    593167.59
4123719.92        0.32786
         593207.59    4123719.92        0.27951                    593247.59
4123719.92        0.24035
         593287.59    4123719.92        0.20862                    593327.59
4123719.92        0.18254
         593367.59    4123719.92        0.16094                    593407.59
4123719.92        0.14289
         593447.59    4123719.92        0.12770                    593487.59
4123719.92        0.11483
         593527.59    4123719.92        0.10383                    593567.59
4123719.92        0.09444
         593607.59    4123719.92        0.08630                    593647.59
4123719.92        0.07930
         593687.59    4123719.92        0.07317                    593727.59
4123719.92        0.06778
         593767.59    4123719.92        0.06306                    593807.59
4123719.92        0.05883
         593847.59    4123719.92        0.05507                    593887.59
4123719.92        0.05171
         593927.59    4123719.92        0.04874                    593967.59
4123719.92        0.04605
         594007.59    4123719.92        0.04362                    593087.59
4123759.92        0.37257
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         593127.59    4123759.92        0.31804                      593167.59
4123759.92        0.27374
         593207.59    4123759.92        0.23867                      593247.59
4123759.92        0.20944
         593287.59    4123759.92        0.18515                      593327.59
4123759.92        0.16465
         593367.59    4123759.92        0.14716                      593407.59
4123759.92        0.13219
         593447.59    4123759.92        0.11925                      593487.59
4123759.92        0.10811
         593527.59    4123759.92        0.09838                      593567.59
4123759.92        0.08997
         593607.59    4123759.92        0.08258                      593647.59
4123759.92        0.07612
         593687.59    4123759.92        0.07046                      593727.59
4123759.92        0.06543
         593767.59    4123759.92        0.06097                      593807.59
4123759.92        0.05696
         593847.59    4123759.92        0.05340                      593887.59
4123759.92        0.05025
         593927.59    4123759.92        0.04739                      593967.59
4123759.92        0.04479
         594007.59    4123759.92        0.04247                      593087.59
4123799.92        0.30207
         593127.59    4123799.92        0.26446                      593167.59
4123799.92        0.23243
         593207.59    4123799.92        0.20512                      593247.59
4123799.92        0.18264
         593287.59    4123799.92        0.16384                      593327.59
4123799.92        0.14781
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
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                                  PAGE 400
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	0.13388	593407.59	4123799.92	0.12170
593447.59	4123799.92	0.11096	593487.59	4123799.92	0.10146
593527.59	4123799.92	0.09308	593567.59	4123799.92	0.08561
593607.59	4123799.92	0.07905	593647.59	4123799.92	0.07315
593687.59	4123799.92	0.06792	593727.59	4123799.92	0.06331
593767.59	4123799.92	0.05908	593807.59	4123799.92	0.05532
593847.59	4123799.92	0.05198	593887.59	4123799.92	0.04898
593927.59	4123799.92	0.04623	593967.59	4123799.92	0.04373
594007.59	4123799.92	0.04150	593087.59	4123839.92	0.25024
593127.59	4123839.92	0.22383	593167.59	4123839.92	0.19953
593207.59	4123839.92	0.17828	593247.59	4123839.92	0.16033
593287.59	4123839.92	0.14527	593327.59	4123839.92	0.13247
593367.59	4123839.92	0.12134	593407.59	4123839.92	0.11148
593447.59	4123839.92	0.10271	593487.59	4123839.92	0.09476
593527.59	4123839.92	0.08766	593567.59	4123839.92	0.08121
593607.59	4123839.92	0.07543	593647.59	4123839.92	0.07018
593687.59	4123839.92	0.06545	593727.59	4123839.92	0.06123
593767.59	4123839.92	0.05732	593807.59	4123839.92	0.05384
593847.59	4123839.92	0.05067	593887.59	4123839.92	0.04779
593927.59	4123839.92	0.04516	593967.59	4123839.92	0.04277
594007.59	4123839.92	0.04062	593087.59	4123879.92	0.21000
593127.59	4123879.92	0.19119	593167.59		

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4123879.92        0.17324
         593207.59    4123879.92        0.15666                       593247.59
4123879.92        0.14210
         593287.59    4123879.92        0.12964                       593327.59
4123879.92        0.11904
         593367.59    4123879.92        0.10993                       593407.59
4123879.92        0.10185
         593447.59    4123879.92        0.09463                       593487.59
4123879.92        0.08809
         593527.59    4123879.92        0.08213                       593567.59
4123879.92        0.07669
         593607.59    4123879.92        0.07170                       593647.59
4123879.92        0.06713
         593687.59    4123879.92        0.06289                       593727.59
4123879.92        0.05906
         593767.59    4123879.92        0.05555                       593807.59
4123879.92        0.05235
         593847.59    4123879.92        0.04939                       593887.59
4123879.92        0.04665
         593927.59    4123879.92        0.04416                       593967.59
4123879.92        0.04188
         594007.59    4123879.92        0.03982

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
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                                   PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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- -
592567.59 4122799.92 0.20566 592607.59
4122799.92 0.21613
592647.59 4122799.92 0.22655 592687.59
4122799.92 0.24260
592727.59 4122799.92 0.25615 592767.59
4122799.92 0.27147
592807.59 4122799.92 0.28847 592847.59
4122799.92 0.30238
592887.59 4122799.92 0.32124 592927.59
4122799.92 0.34421
592967.59 4122799.92 0.36608 593007.59
4122799.92 0.38801
593047.59 4122799.92 0.41383 593087.59
4122799.92 0.44057
593127.59 4122799.92 0.47037 593167.59
4122799.92 0.50229
593207.59 4122799.92 0.54065 593247.59
4122799.92 0.57893
593287.59 4122799.92 0.61354 593327.59
4122799.92 0.65006
593367.59 4122799.92 0.69062 593407.59
4122799.92 0.73262
593447.59 4122799.92 0.77007 593487.59
4122799.92 0.80932
593527.59 4122799.92 0.85378 593567.59
4122799.92 0.90048
593607.59 4122799.92 0.94764 593647.59
4122799.92 0.99888
593687.59 4122799.92 1.05134 593727.59
4122799.92 1.10652
593767.59 4122799.92 1.16678 593807.59
4122799.92 1.22248
593847.59 4122799.92 1.27740 593887.59
4122799.92 1.32442
593927.59 4122799.92 1.36203 593967.59
4122799.92 1.38777
594007.59 4122799.92 1.39795 592567.59
4122839.92 0.22155
592607.59 4122839.92 0.23346 592647.59
4122839.92 0.24649
592687.59 4122839.92 0.26091 592727.59
4122839.92 0.27836
592767.59 4122839.92 0.29846 592807.59
4122839.92 0.31527
592847.59 4122839.92 0.33288 592887.59
4122839.92 0.35333
592927.59 4122839.92 0.38068 592967.59
4122839.92 0.40726

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         593007.59    4122839.92        0.43982                      593047.59
4122839.92        0.47310
         593087.59    4122839.92        0.50245                      593127.59
4122839.92        0.53998
         593167.59    4122839.92        0.58312                      593207.59
4122839.92        0.63054
         593247.59    4122839.92        0.67755                      593287.59
4122839.92        0.72635
         593327.59    4122839.92        0.77209                      593367.59
4122839.92        0.81969
         593407.59    4122839.92        0.87145                      593447.59
4122839.92        0.91793
         593487.59    4122839.92        0.96733                      593527.59
4122839.92        1.02149
         593567.59    4122839.92        1.08015                      593607.59
4122839.92        1.13776
         593647.59    4122839.92        1.20398                      593687.59
4122839.92        1.27204
         593727.59    4122839.92        1.33955                      593767.59
4122839.92        1.41087
         593807.59    4122839.92        1.47368                      593847.59
4122839.92        1.53117
         593887.59    4122839.92        1.57475                      593927.59
4122839.92        1.60387
         593967.59    4122839.92        1.61547                      594007.59
4122839.92        1.60633
         592567.59    4122879.92        0.24012                      592607.59
4122879.92        0.25513
         592647.59    4122879.92        0.26913                      592687.59
4122879.92        0.28354
         592727.59    4122879.92        0.30717                      592767.59
4122879.92        0.32883
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
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                                  PAGE 402
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.34788	592847.59	4122879.92	0.37274
592887.59	4122879.92	0.40050	592927.59	4122879.92	0.42983
592967.59	4122879.92	0.46191	593007.59	4122879.92	0.49863
593047.59	4122879.92	0.53982	593087.59	4122879.92	0.58045
593127.59	4122879.92	0.62676	593167.59	4122879.92	0.68696
593207.59	4122879.92	0.74223	593247.59	4122879.92	0.80701
593287.59	4122879.92	0.86858	593327.59	4122879.92	0.92831
593367.59	4122879.92	0.98570	593407.59	4122879.92	1.04734
593447.59	4122879.92	1.10720	593487.59	4122879.92	1.17149
593527.59	4122879.92	1.24016	593567.59	4122879.92	1.31322
593607.59	4122879.92	1.38640	593647.59	4122879.92	1.47225
593687.59	4122879.92	1.56053	593727.59	4122879.92	1.64628
593767.59	4122879.92	1.72810	593807.59	4122879.92	1.79538
593847.59	4122879.92	1.84798	593887.59	4122879.92	1.87908
593927.59	4122879.92	1.88785	593967.59	4122879.92	1.87257
594007.59	4122879.92	1.83223	592567.59	4122919.92	0.26099
592607.59	4122919.92	0.27776	592647.59	4122919.92	0.29752
592687.59	4122919.92	0.31872	592727.59	4122919.92	0.34207
592767.59	4122919.92	0.36549	592807.59	4122919.92	0.38868
592847.59	4122919.92	0.42054	592887.59		

4122919.92 0.44962
592927.59 4122919.92 0.49113 592967.59
4122919.92 0.53311
593007.59 4122919.92 0.57642 593047.59
4122919.92 0.62445
593087.59 4122919.92 0.68176 593127.59
4122919.92 0.74557
593167.59 4122919.92 0.82387 593207.59
4122919.92 0.89055
593247.59 4122919.92 0.97431 593287.59
4122919.92 1.04895
593327.59 4122919.92 1.13182 593367.59
4122919.92 1.20383
593407.59 4122919.92 1.28130 593447.59
4122919.92 1.36061
593487.59 4122919.92 1.44477 593527.59
4122919.92 1.53037
593567.59 4122919.92 1.62376 593607.59
4122919.92 1.72286
593647.59 4122919.92 1.83378 593687.59
4122919.92 1.94778
593727.59 4122919.92 2.05353 593767.59
4122919.92 2.14307
593807.59 4122919.92 2.20644 593847.59
4122919.92 2.23988
593887.59 4122919.92 2.24137 593927.59
4122919.92 2.21063
593967.59 4122919.92 2.15035 594007.59
4122919.92 2.06365
592567.59 4122959.92 0.29124 592607.59
4122959.92 0.30779
592647.59 4122959.92 0.33066 592687.59
4122959.92 0.35458
592727.59 4122959.92 0.38274 592767.59
4122959.92 0.41043
592807.59 4122959.92 0.43918 592847.59
4122959.92 0.47730
592887.59 4122959.92 0.51367 592927.59
4122959.92 0.55986
592967.59 4122959.92 0.61409 593007.59
4122959.92 0.67647

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615
, L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623
, L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631
, L0006632 , L0006633 , L0006550 ,
L0006551 , L0006552 , L0006553 , L0006554 , L0006555
, L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.74627	593087.59	4122959.92	0.81556
593127.59	4122959.92	0.90571	593167.59	4122959.92	1.00403
593207.59	4122959.92	1.09311	593247.59	4122959.92	1.19872
593287.59	4122959.92	1.29495	593327.59	4122959.92	1.40432
593367.59	4122959.92	1.49536	593407.59	4122959.92	1.60019
593447.59	4122959.92	1.70059	593487.59	4122959.92	1.81224
593527.59	4122959.92	1.92179	593567.59	4122959.92	2.05500
593607.59	4122959.92	2.18905	593647.59	4122959.92	2.33209
593687.59	4122959.92	2.47237	593727.59	4122959.92	2.59275
593767.59	4122959.92	2.67838	593807.59	4122959.92	2.71699
593847.59	4122959.92	2.70972	593887.59	4122959.92	2.65453
593927.59	4122959.92	2.55837	593967.59	4122959.92	2.43235
594007.59	4122959.92	2.28221	592567.59	4122999.92	0.33081
592607.59	4122999.92	0.34195	592647.59	4122999.92	0.36717
592687.59	4122999.92	0.39642	592727.59	4122999.92	0.43010

592767.59 4122999.92 0.46634 592807.59
4122999.92 0.50461
592847.59 4122999.92 0.54807 592887.59
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592927.59 4122999.92 0.65494 592967.59
4122999.92 0.72488
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4122999.92 0.90246
593087.59 4122999.92 0.99587 593127.59
4122999.92 1.11958
593167.59 4122999.92 1.24290 593207.59
4122999.92 1.35958
593247.59 4122999.92 1.49860 593287.59
4122999.92 1.62977
593327.59 4122999.92 1.77899 593367.59
4122999.92 1.90484
593407.59 4122999.92 2.04939 593447.59
4122999.92 2.17976
593487.59 4122999.92 2.33206 593527.59
4122999.92 2.48910
593567.59 4122999.92 2.68073 593607.59
4122999.92 2.87190
593647.59 4122999.92 3.05732 593687.59
4122999.92 3.21614
593727.59 4122999.92 3.32810 593767.59
4122999.92 3.37307
593807.59 4122999.92 3.34542 593847.59
4122999.92 3.25154
593887.59 4122999.92 3.09999 593927.59
4122999.92 2.90815
593967.59 4122999.92 2.69486 594007.59
4122999.92 2.46767
592567.59 4123039.92 0.36524 592607.59
4123039.92 0.38349
592647.59 4123039.92 0.41092 592687.59
4123039.92 0.44726
592727.59 4123039.92 0.48895 592767.59
4123039.92 0.53700
592807.59 4123039.92 0.58563 592847.59
4123039.92 0.63923
592887.59 4123039.92 0.70263 592927.59
4123039.92 0.78242
592967.59 4123039.92 0.87960 593007.59
4123039.92 0.99677
593047.59 4123039.92 1.12521 593087.59
4123039.92 1.25070
593127.59 4123039.92 1.41123 593167.59
4123039.92 1.56930
593207.59 4123039.92 1.72916 593247.59
4123039.92 1.91411

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 , L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	2.10234	593327.59	4123039.92	2.31747
593367.59	4123039.92	2.49820	593407.59	4123039.92	2.69513
593447.59	4123039.92	2.87643	593487.59	4123039.92	3.10066
593527.59	4123039.92	3.34234	593567.59	4123039.92	3.62571
593607.59	4123039.92	3.88180	593647.59	4123039.92	4.09996
593687.59	4123039.92	4.24222	593727.59	4123039.92	4.28516
593767.59	4123039.92	4.22343	593807.59	4123039.92	4.06406
593847.59	4123039.92	3.82929	593887.59	4123039.92	3.53998
593927.59	4123039.92	3.22545	593967.59	4123039.92	2.90888
594007.59	4123039.92	2.59824	592567.59	4123079.92	0.40284
592607.59	4123079.92	0.43564	592647.59		

4123079.92 0.46566
592687.59 4123079.92 0.51139 592727.59
4123079.92 0.56443
592767.59 4123079.92 0.62435 592807.59
4123079.92 0.68842
592847.59 4123079.92 0.76077 592887.59
4123079.92 0.85094
592927.59 4123079.92 0.96707 592967.59
4123079.92 1.10702
593007.59 4123079.92 1.27196 593047.59
4123079.92 1.44600
593087.59 4123079.92 1.62317 593127.59
4123079.92 1.81050
593167.59 4123079.92 2.00786 593207.59
4123079.92 2.23733
593247.59 4123079.92 2.52574 593287.59
4123079.92 2.82545
593327.59 4123079.92 3.14436 593367.59
4123079.92 3.39771
593407.59 4123079.92 3.67318 593447.59
4123079.92 3.95105
593487.59 4123079.92 4.31761 593527.59
4123079.92 4.70956
593567.59 4123079.92 5.12108 593607.59
4123079.92 5.42652
593647.59 4123079.92 5.61261 593687.59
4123079.92 5.64149
593727.59 4123079.92 5.50522 593767.59
4123079.92 5.22509
593807.59 4123079.92 4.84103 593847.59
4123079.92 4.39579
593887.59 4123079.92 3.92902 593927.59
4123079.92 3.47283
593967.59 4123079.92 3.04663 594007.59
4123079.92 2.65487
592567.59 4123119.92 0.44501 592607.59
4123119.92 0.49296
592647.59 4123119.92 0.53995 592687.59
4123119.92 0.59342
592727.59 4123119.92 0.66409 592767.59
4123119.92 0.74338
592807.59 4123119.92 0.82958 592847.59
4123119.92 0.93249
592887.59 4123119.92 1.07050 592927.59
4123119.92 1.25128
592967.59 4123119.92 1.46196 593007.59
4123119.92 1.68429
593047.59 4123119.92 1.90378 593087.59
4123119.92 2.13041
593127.59 4123119.92 2.37549 593167.59

4123119.92 2.66157
593207.59 4123119.92 3.04210 593247.59
4123119.92 3.54395
593287.59 4123119.92 4.04576 593327.59
4123119.92 4.50428
593367.59 4123119.92 4.86215 593407.59
4123119.92 5.28165
593447.59 4123119.92 5.79363 593487.59
4123119.92 6.43856

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 ,
L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	7.05283	593567.59	4123119.92	7.55787
593607.59	4123119.92	7.80261	593647.59	4123119.92	7.79298
593687.59	4123119.92	7.51659	593727.59	4123119.92	7.00512
593767.59	4123119.92	6.33400	593807.59	4123119.92	5.60464
593847.59	4123119.92	4.88604	593887.59	4123119.92	4.21594
593927.59	4123119.92	3.61453	593967.59	4123119.92	3.08618

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         594007.59    4123119.92        2.62563                    592567.59
4123159.92        0.49477
         592607.59    4123159.92        0.55714                    592647.59
4123159.92        0.63112
         592687.59    4123159.92        0.70480                    592727.59
4123159.92        0.80228
         592767.59    4123159.92        0.91603                    592807.59
4123159.92        1.04370
         592847.59    4123159.92        1.20579                    592887.59
4123159.92        1.44204
         592927.59    4123159.92        1.73924                    592967.59
4123159.92        2.03719
         593007.59    4123159.92        2.30532                    593047.59
4123159.92        2.54710
         593087.59    4123159.92        2.81850                    593127.59
4123159.92        3.16896
         593167.59    4123159.92        3.70538                    593207.59
4123159.92        4.55665
         593247.59    4123159.92        5.54156                    593287.59
4123159.92        6.30783
         593327.59    4123159.92        6.89929                    593367.59
4123159.92        7.48083
         593407.59    4123159.92        8.32825                    593447.59
4123159.92        9.41127
         593487.59    4123159.92       10.46967                    593527.59
4123159.92       11.25110
         593567.59    4123159.92       11.64511                    593607.59
4123159.92       11.54828
         593647.59    4123159.92       10.99178                    593687.59
4123159.92       10.00762
         593727.59    4123159.92        8.73535                    593767.59
4123159.92        7.42674
         593807.59    4123159.92        6.24395                    593847.59
4123159.92        5.22570
         593887.59    4123159.92        4.35880                    593927.59
4123159.92        3.62743
         593967.59    4123159.92        3.01544                    594007.59
4123159.92        2.50705
         592567.59    4123199.92        0.55210                    592607.59
4123199.92        0.63390
         592647.59    4123199.92        0.73743                    592687.59
4123199.92        0.86149
         592727.59    4123199.92        1.00681                    592767.59
4123199.92        1.19569
         592807.59    4123199.92        1.41340                    592847.59
4123199.92        1.74141
         592887.59    4123199.92        2.21219                    592927.59
4123199.92        2.66268
         592967.59    4123199.92        2.97347                    593007.59
4123199.92        3.18680
```

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         593047.59    4123199.92        3.42697                       593087.59
4123199.92        3.81812
         593127.59    4123199.92        4.54620                       593167.59
4123199.92        6.20412
         593207.59    4123199.92        8.78653                       593247.59
4123199.92       10.28375
         593287.59    4123199.92       11.15879                       593327.59
4123199.92       12.10049
         593367.59    4123199.92       13.63452                       593407.59
4123199.92       15.73939
         593447.59    4123199.92       17.66382                       593487.59
4123199.92       18.90137
         593527.59    4123199.92       19.51911                       593567.59
4123199.92       19.34664
         593607.59    4123199.92       18.24600                       593647.59
4123199.92       16.11350
         593687.59    4123199.92       13.21239                       593727.59
4123199.92       10.47839
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92        8.31973                       593807.59
4123199.92        6.66805
         593847.59    4123199.92        5.37261                       593887.59
```

4123199.92 4.33467
593927.59 4123199.92 3.49924 593967.59
4123199.92 2.83177
594007.59 4123199.92 2.30322 592567.59
4123239.92 0.61903
592607.59 4123239.92 0.72635 592647.59
4123239.92 0.87311
592687.59 4123239.92 1.07742 592727.59
4123239.92 1.36127
592767.59 4123239.92 1.73052 592807.59
4123239.92 2.22687
592847.59 4123239.92 3.12971 592887.59
4123239.92 3.99427
592927.59 4123239.92 4.31297 592967.59
4123239.92 4.32833
593007.59 4123239.92 4.32719 593047.59
4123239.92 4.57234
593087.59 4123239.92 5.42238 593127.59
4123239.92 8.53904
593167.59 4123239.92 14.47604 593207.59
4123239.92 15.31859
593247.59 4123239.92 17.13980 593287.59
4123239.92 17.63017
593327.59 4123239.92 23.56026 593367.59
4123239.92 27.84070
593407.59 4123239.92 32.72487 593447.59
4123239.92 33.35837
593487.59 4123239.92 37.69672 593527.59
4123239.92 33.92762
593567.59 4123239.92 35.49017 593607.59
4123239.92 32.21987
593647.59 4123239.92 24.27053 593687.59
4123239.92 16.53099
593727.59 4123239.92 11.86338 593767.59
4123239.92 8.93523
593807.59 4123239.92 6.88258 593847.59
4123239.92 5.32789
593887.59 4123239.92 4.13563 593927.59
4123239.92 3.22745
593967.59 4123239.92 2.54332 594007.59
4123239.92 2.02998
592567.59 4123279.92 0.69847 592607.59
4123279.92 0.83881
592647.59 4123279.92 1.04404 592687.59
4123279.92 1.36858
592727.59 4123279.92 1.95007 592767.59
4123279.92 3.14323
592807.59 4123279.92 5.36346 592847.59
4123279.92 8.48033
592887.59 4123279.92 7.82518 592927.59

4123279.92   6.72337
         592967.59   4123279.92   5.97530   593007.59
4123279.92   5.69814
         593047.59   4123279.92   6.17166   593087.59
4123279.92   8.80606
         593127.59   4123279.92   14.97730   593167.59
4123279.92   17.84624
         593207.59   4123279.92   15.31612   593247.59
4123279.92   16.87369
         593287.59   4123279.92   26.63926   593327.59
4123279.92   40.59806
         593367.59   4123279.92   54.33833   593407.59
4123279.92   55.78055
         593447.59   4123279.92   56.47115   593487.59
4123279.92   55.46477
         593527.59   4123279.92   56.92590   593567.59
4123279.92   43.16148
         593607.59   4123279.92   35.55989   593647.59
4123279.92   25.43140
         593687.59   4123279.92   19.65277   593727.59
4123279.92   13.34420
         593767.59   4123279.92   9.57590   593807.59
4123279.92   6.94744
         593847.59   4123279.92   5.06550   593887.59
4123279.92   3.74118
         593927.59   4123279.92   2.81820   593967.59
4123279.92   2.17376

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0006614   , L0006615
 , L0006616   , L0006617   , L0006618   ,
                 L0006619   , L0006620   , L0006621   , L0006622   , L0006623
 , L0006624   , L0006625   , L0006626   ,
                 L0006627   , L0006628   , L0006629   , L0006630   , L0006631
 , L0006632   , L0006633   , L0006550   ,
                 L0006551   , L0006552   , L0006553   , L0006554   , L0006555
 , L0006556   , L0006557   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	1.71697	592567.59	4123319.92	0.79351
592607.59	4123319.92	0.97694	592647.59	4123319.92	1.26432
592687.59	4123319.92	1.77442	592727.59	4123319.92	2.91724
592767.59	4123319.92	7.37996	592807.59	4123319.92	6.36439
592847.59	4123319.92	20.56409	592887.59	4123319.92	12.79053
592927.59	4123319.92	9.42966	592967.59	4123319.92	7.81531
593007.59	4123319.92	7.39972	593047.59	4123319.92	8.46197
593087.59	4123319.92	13.86111	593127.59	4123319.92	15.60883
593167.59	4123319.92	13.68219	593207.59	4123319.92	12.78123
593247.59	4123319.92	17.50522	593287.59	4123319.92	32.34538
593327.59	4123319.92	55.39602	593367.59	4123319.92	63.40278
593407.59	4123319.92	62.42040	593447.59	4123319.92	62.75547
593487.59	4123319.92	58.51568	593527.59	4123319.92	47.58489
593567.59	4123319.92	38.15070	593607.59	4123319.92	29.40399
593647.59	4123319.92	22.30352	593687.59	4123319.92	27.43456
593727.59	4123319.92	16.35769	593767.59	4123319.92	10.23574
593807.59	4123319.92	6.61030	593847.59	4123319.92	4.44309
593887.59	4123319.92	3.13180	593927.59	4123319.92	2.31076
593967.59	4123319.92	1.77449	594007.59	4123319.92	1.40869
592567.59	4123359.92	0.91653	592607.59	4123359.92	1.16683
592647.59	4123359.92	1.58873	592687.59	4123359.92	2.41579
592727.59	4123359.92	4.41121	592767.59	4123359.92	10.25570

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         592807.59    4123359.92       20.31939                       592847.59
4123359.92       34.99238
         592887.59    4123359.92       18.80385                       592927.59
4123359.92       12.64767
         592967.59    4123359.92       10.14642                       593007.59
4123359.92        9.70205
         593047.59    4123359.92       11.24533                       593087.59
4123359.92       14.01436
         593127.59    4123359.92       18.27340                       593167.59
4123359.92       12.76847
         593207.59    4123359.92       13.13819                       593247.59
4123359.92       18.89872
         593287.59    4123359.92       32.79094                       593327.59
4123359.92       50.04113
         593367.59    4123359.92       61.86690                       593407.59
4123359.92       47.01372
         593447.59    4123359.92       46.18277                       593487.59
4123359.92       45.05731
         593527.59    4123359.92       36.77476                       593567.59
4123359.92       29.33114
         593607.59    4123359.92       25.84763                       593647.59
4123359.92       24.92154
         593687.59    4123359.92       19.92108                       593727.59
4123359.92       19.43685
         593767.59    4123359.92        9.58860                       593807.59
4123359.92        5.39832
         593847.59    4123359.92        3.45133                       593887.59
4123359.92        2.41823
         593927.59    4123359.92        1.80737                       593967.59
4123359.92        1.41497
         594007.59    4123359.92        1.14658                       592567.59
4123399.92        1.08193
         592607.59    4123399.92        1.41965                       592647.59
4123399.92        1.98774
         592687.59    4123399.92        3.01489                       592727.59
4123399.92        4.92691
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 408
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
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                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592767.59    4123399.92        8.67007                      592807.59
4123399.92       17.72733
         592847.59    4123399.92       16.38351                      592887.59
4123399.92       28.19485
         592927.59    4123399.92       17.46600                      592967.59
4123399.92       14.17932
         593007.59    4123399.92       13.75643                      593047.59
4123399.92       15.51879
         593087.59    4123399.92       15.10295                      593127.59
4123399.92       15.53490
         593167.59    4123399.92       11.89976                      593207.59
4123399.92       13.01611
         593247.59    4123399.92       19.00302                      593287.59
4123399.92       31.85223
         593327.59    4123399.92       51.09809                      593367.59
4123399.92       44.51365
         593407.59    4123399.92       39.94922                      593447.59
4123399.92       35.91182
         593487.59    4123399.92       34.27827                      593527.59
4123399.92       31.39238
         593567.59    4123399.92       25.94465                      593607.59
4123399.92       23.61629
         593647.59    4123399.92       25.08331                      593687.59
4123399.92       21.80359
         593727.59    4123399.92       15.57647                      593767.59
4123399.92        6.39452
         593807.59    4123399.92        3.65075                      593847.59
4123399.92        2.45823
         593887.59    4123399.92        1.80989                      593927.59
4123399.92        1.40871
         593967.59    4123399.92        1.13957                      594007.59
4123399.92        0.94854
         592567.59    4123439.92        1.26843                      592607.59
4123439.92        1.66678
         592647.59    4123439.92        2.27924                      592687.59
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```
4123439.92        3.23147
         592727.59    4123439.92        4.72032                      592767.59
4123439.92        7.23488
         592807.59    4123439.92       12.19031                      592847.59
4123439.92       27.01119
         592887.59    4123439.92       27.67691                      592927.59
4123439.92       29.09622
         592967.59    4123439.92       25.12144                      593007.59
4123439.92       22.71701
         593047.59    4123439.92       25.45598                      593087.59
4123439.92       22.79628
         593127.59    4123439.92       11.75362                      593167.59
4123439.92       10.42825
         593207.59    4123439.92       12.14265                      593247.59
4123439.92       17.78205
         593287.59    4123439.92       34.54593                      593327.59
4123439.92       45.53148
         593367.59    4123439.92       38.74033                      593407.59
4123439.92       34.14701
         593447.59    4123439.92       29.45467                      593487.59
4123439.92       26.71347
         593527.59    4123439.92       23.93076                      593567.59
4123439.92       21.91161
         593607.59    4123439.92       18.68704                      593647.59
4123439.92       16.68879
         593687.59    4123439.92       11.61075                      593727.59
4123439.92        6.20415
         593767.59    4123439.92        3.56324                      593807.59
4123439.92        2.43294
         593847.59    4123439.92        1.81181                      593887.59
4123439.92        1.42124
         593927.59    4123439.92        1.15512                      593967.59
4123439.92        0.96349
         594007.59    4123439.92        0.82029                      592567.59
4123479.92        1.43152
         592607.59    4123479.92        1.84082                      592647.59
4123479.92        2.41372
         592687.59    4123479.92        3.22235                      592727.59
4123479.92        4.40056
         592767.59    4123479.92        6.24488                      592807.59
4123479.92        9.47167
         592847.59    4123479.92       17.00395                      592887.59
4123479.92       19.37977
         592927.59    4123479.92       39.79520                      592967.59
4123479.92       26.58332
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 , L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	20.54753	593047.59	4123479.92	17.64654
593087.59	4123479.92	11.03815	593127.59	4123479.92	8.94899
593167.59	4123479.92	9.09353	593207.59	4123479.92	10.90949
593247.59	4123479.92	15.75853	593287.59	4123479.92	27.08698
593327.59	4123479.92	31.81135	593367.59	4123479.92	28.33608
593407.59	4123479.92	23.57355	593447.59	4123479.92	18.33840
593487.59	4123479.92	15.25344	593527.59	4123479.92	13.56243
593567.59	4123479.92	11.73262	593607.59	4123479.92	9.49171
593647.59	4123479.92	7.28308	593687.59	4123479.92	5.10667
593727.59	4123479.92	3.44597	593767.59	4123479.92	2.46585
593807.59	4123479.92	1.86599	593847.59	4123479.92	1.47047
593887.59	4123479.92	1.19602	593927.59	4123479.92	0.99698
593967.59	4123479.92	0.84721	594007.59	4123479.92	0.73186

592567.59 4123519.92 1.55307 592607.59 4123519.92 1.93942
592647.59 4123519.92 2.45324 592687.59 4123519.92 3.14315
592727.59 4123519.92 4.10718 592767.59 4123519.92 5.54153
592807.59 4123519.92 7.86532 592847.59 4123519.92 12.20942
592887.59 4123519.92 23.48773 592927.59 4123519.92 18.62826
592967.59 4123519.92 26.86340 593007.59 4123519.92 16.27552
593047.59 4123519.92 10.80095 593087.59 4123519.92 8.20162
593127.59 4123519.92 7.48361 593167.59 4123519.92 7.95131
593207.59 4123519.92 9.44269 593247.59 4123519.92 12.35469
593287.59 4123519.92 17.36766 593327.59 4123519.92 18.24322
593367.59 4123519.92 14.24094 593407.59 4123519.92 11.47899
593447.59 4123519.92 9.78668 593487.59 4123519.92 8.44512
593527.59 4123519.92 7.25323 593567.59 4123519.92 6.14847
593607.59 4123519.92 5.09241 593647.59 4123519.92 4.07167
593687.59 4123519.92 3.14747 593727.59 4123519.92 2.40962
593767.59 4123519.92 1.88487 593807.59 4123519.92 1.51018
593847.59 4123519.92 1.23891 593887.59 4123519.92 1.03611
593927.59 4123519.92 0.88235 593967.59 4123519.92 0.76160
594007.59 4123519.92 0.66608 592567.59 4123559.92 1.63542
592607.59 4123559.92 1.99080 592647.59 4123559.92 2.44400
592687.59 4123559.92 3.03567 592727.59 4123559.92 3.83134
592767.59 4123559.92 4.94041 592807.59 4123559.92 6.55636
592847.59 4123559.92 9.10761 592887.59 4123559.92 14.00130
592927.59 4123559.92 19.02671 592967.59 4123559.92 34.78493
593007.59 4123559.92 13.14848 593047.59 4123559.92 7.56334

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 , L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593247.59	4123559.92	8.20033	593287.59	4123559.92	8.65998
593327.59	4123559.92	8.39492	593367.59	4123559.92	7.60902
593407.59	4123559.92	6.77471	593447.59	4123559.92	6.01752
593487.59	4123559.92	5.29860	593527.59	4123559.92	4.60317
593567.59	4123559.92	3.93315	593607.59	4123559.92	3.30563
593647.59	4123559.92	2.73902	593687.59	4123559.92	2.23963
593727.59	4123559.92	1.82541	593767.59	4123559.92	1.50483
593807.59	4123559.92	1.25673	593847.59	4123559.92	1.06412
593887.59	4123559.92	0.91127	593927.59		

4123559.92 0.79049
593967.59 4123559.92 0.69244 594007.59
4123559.92 0.61275
592567.59 4123599.92 1.68044 592607.59
4123599.92 2.00205
592647.59 4123599.92 2.40055 592687.59
4123599.92 2.90149
592727.59 4123599.92 3.54221 592767.59
4123599.92 4.37127
592807.59 4123599.92 5.39021 592847.59
4123599.92 6.74848
592887.59 4123599.92 8.87439 592927.59
4123599.92 12.61700
592967.59 4123599.92 11.25689 593007.59
4123599.92 6.33649
593047.59 4123599.92 5.17746 593087.59
4123599.92 4.91699
593127.59 4123599.92 4.99266 593167.59
4123599.92 5.21254
593207.59 4123599.92 5.44783 593247.59
4123599.92 5.59684
593287.59 4123599.92 5.59788 593327.59
4123599.92 5.38282
593367.59 4123599.92 4.99142 593407.59
4123599.92 4.54994
593447.59 4123599.92 4.09867 593487.59
4123599.92 3.64417
593527.59 4123599.92 3.19492 593567.59
4123599.92 2.77050
593607.59 4123599.92 2.38158 593647.59
4123599.92 2.03234
593687.59 4123599.92 1.72130 593727.59
4123599.92 1.45594
593767.59 4123599.92 1.24083 593807.59
4123599.92 1.06750
593847.59 4123599.92 0.92572 593887.59
4123599.92 0.80859
593927.59 4123599.92 0.71318 593967.59
4123599.92 0.63304
594007.59 4123599.92 0.56671 593087.59
4123639.92 4.05866
593127.59 4123639.92 4.07712 593167.59
4123639.92 4.11041
593207.59 4123639.92 4.11744 593247.59
4123639.92 4.09373
593287.59 4123639.92 4.00874 593327.59
4123639.92 3.81961
593367.59 4123639.92 3.55411 593407.59
4123639.92 3.26508
593447.59 4123639.92 2.96966 593487.59

4123639.92 2.66295
593527.59 4123639.92 2.36141 593567.59
4123639.92 2.07936
593607.59 4123639.92 1.82289 593647.59
4123639.92 1.58949
593687.59 4123639.92 1.38150 593727.59
4123639.92 1.19936
593767.59 4123639.92 1.04722 593807.59
4123639.92 0.92017
593847.59 4123639.92 0.81374 593887.59
4123639.92 0.72225
593927.59 4123639.92 0.64609 593967.59
4123639.92 0.58049

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 ,
L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
594007.59 4123639.92 0.52503 593087.59
4123679.92 3.31146
593127.59 4123679.92 3.26341 593167.59
4123679.92 3.22581
593207.59 4123679.92 3.18224 593247.59
4123679.92 3.12389
593287.59 4123679.92 3.02544 593327.59
4123679.92 2.86920

593367.59 4123679.92 2.67250 593407.59
4123679.92 2.46200
593447.59 4123679.92 2.25501 593487.59
4123679.92 2.04162
593527.59 4123679.92 1.83059 593567.59
4123679.92 1.63193
593607.59 4123679.92 1.45159 593647.59
4123679.92 1.28779
593687.59 4123679.92 1.14026 593727.59
4123679.92 1.01014
593767.59 4123679.92 0.89811 593807.59
4123679.92 0.80207
593847.59 4123679.92 0.72037 593887.59
4123679.92 0.64835
593927.59 4123679.92 0.58714 593967.59
4123679.92 0.53332
594007.59 4123679.92 0.48694 593087.59
4123719.92 2.69472
593127.59 4123719.92 2.63997 593167.59
4123719.92 2.58444
593207.59 4123719.92 2.53173 593247.59
4123719.92 2.46592
593287.59 4123719.92 2.36616 593327.59
4123719.92 2.23930
593367.59 4123719.92 2.08896 593407.59
4123719.92 1.92727
593447.59 4123719.92 1.77437 593487.59
4123719.92 1.62312
593527.59 4123719.92 1.47115 593567.59
4123719.92 1.32627
593607.59 4123719.92 1.19187 593647.59
4123719.92 1.07082
593687.59 4123719.92 0.96154 593727.59
4123719.92 0.86431
593767.59 4123719.92 0.77973 593807.59
4123719.92 0.70581
593847.59 4123719.92 0.64140 593887.59
4123719.92 0.58436
593927.59 4123719.92 0.53475 593967.59
4123719.92 0.49057
594007.59 4123719.92 0.45175 593087.59
4123759.92 2.21710
593127.59 4123759.92 2.15926 593167.59
4123759.92 2.10534
593207.59 4123759.92 2.05636 593247.59
4123759.92 1.99056
593287.59 4123759.92 1.89959 593327.59
4123759.92 1.79755
593367.59 4123759.92 1.68122 593407.59
4123759.92 1.55487

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         593447.59    4123759.92        1.43664                      593487.59
4123759.92        1.32610
         593527.59    4123759.92        1.21491                      593567.59
4123759.92        1.10641
         593607.59    4123759.92        1.00354                      593647.59
4123759.92        0.90955
         593687.59    4123759.92        0.82556                      593727.59
4123759.92        0.75040
         593767.59    4123759.92        0.68434                      593807.59
4123759.92        0.62587
         593847.59    4123759.92        0.57463                      593887.59
4123759.92        0.52948
         593927.59    4123759.92        0.48855                      593967.59
4123759.92        0.45173
         594007.59    4123759.92        0.41914                      593087.59
4123799.92        1.84317
         593127.59    4123799.92        1.79258                      593167.59
4123799.92        1.74660
         593207.59    4123799.92        1.69869                      593247.59
4123799.92        1.63611
         593287.59    4123799.92        1.55785                      593327.59
4123799.92        1.47569
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 412
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
593367.59 4123799.92 1.38492 593407.59
4123799.92 1.28502
593447.59 4123799.92 1.19131 593487.59
4123799.92 1.10664
593527.59 4123799.92 1.02408 593567.59
4123799.92 0.94112
593607.59 4123799.92 0.86155 593647.59
4123799.92 0.78691
593687.59 4123799.92 0.71971 593727.59
4123799.92 0.66044
593767.59 4123799.92 0.60677 593807.59
4123799.92 0.55974
593847.59 4123799.92 0.51845 593887.59
4123799.92 0.48158
593927.59 4123799.92 0.44768 593967.59
4123799.92 0.41672
594007.59 4123799.92 0.38930 593087.59
4123839.92 1.55161
593127.59 4123839.92 1.50968 593167.59
4123839.92 1.46954
593207.59 4123839.92 1.42484 593247.59
4123839.92 1.36711
593287.59 4123839.92 1.30052 593327.59
4123839.92 1.23428
593367.59 4123839.92 1.16287 593407.59
4123839.92 1.08304
593447.59 4123839.92 1.00721 593487.59
4123839.92 0.93987
593527.59 4123839.92 0.87661 593567.59
4123839.92 0.81286
593607.59 4123839.92 0.75026 593647.59
4123839.92 0.69061
593687.59 4123839.92 0.63613 593727.59
4123839.92 0.58777
593767.59 4123839.92 0.54374 593807.59
4123839.92 0.50528
593847.59 4123839.92 0.47072 593887.59
4123839.92 0.43961
593927.59 4123839.92 0.41115 593967.59
4123839.92 0.38516
594007.59 4123839.92 0.36179 593087.59
4123879.92 1.32093
593127.59 4123879.92 1.28694 593167.59
4123879.92 1.25259
593207.59 4123879.92 1.21134 593247.59
4123879.92 1.15945
593287.59 4123879.92 1.10298 593327.59
4123879.92 1.04881
593367.59 4123879.92 0.99212 593407.59

```
4123879.92        0.92782
         593447.59    4123879.92        0.86513                       593487.59
4123879.92        0.81022
         593527.59    4123879.92        0.75992                       593567.59
4123879.92        0.71038
         593607.59    4123879.92        0.66101                       593647.59
4123879.92        0.61321
         593687.59    4123879.92        0.56834                       593727.59
4123879.92        0.52797
         593767.59    4123879.92        0.49168                       593807.59
4123879.92        0.45943
         593847.59    4123879.92        0.43023                       593887.59
4123879.92        0.40355
         593927.59    4123879.92        0.37937                       593967.59
4123879.92        0.35710
         594007.59    4123879.92        0.33699

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        592567.59   4122799.92       23.32349  (15013008)                592607.59
 4122799.92       24.27111  (15013008)
        592647.59   4122799.92       25.12921  (15013008)                592687.59
 4122799.92       25.52235  (17120508)
```

592727.59 4122799.92 26.28049 (17120508) 592767.59
4122799.92 26.67598 (17120508)
592807.59 4122799.92 26.65292 (17120508) 592847.59
4122799.92 26.49911 (17120508)
592887.59 4122799.92 25.61264 (17120508) 592927.59
4122799.92 24.57103 (17120508)
592967.59 4122799.92 22.60105 (17120508) 593007.59
4122799.92 21.39927 (13010808)
593047.59 4122799.92 21.92759 (13010808) 593087.59
4122799.92 23.33347 (13010808)
593127.59 4122799.92 24.70894 (13010808) 593167.59
4122799.92 25.99937 (13010808)
593207.59 4122799.92 25.21147 (13010808) 593247.59
4122799.92 29.98529 (13012508)
593287.59 4122799.92 33.00778 (13012508) 593327.59
4122799.92 33.84837 (13012608)
593367.59 4122799.92 34.84611 (13012608) 593407.59
4122799.92 33.09709 (13012608)
593447.59 4122799.92 29.97718 (13012608) 593487.59
4122799.92 31.56856 (17021008)
593527.59 4122799.92 31.44219 (17021008) 593567.59
4122799.92 32.85050 (14122408)
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4122799.92 33.06403 (13111408)
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4122799.92 31.42207 (13111408)
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4122799.92 31.29257 (16123008)
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4122799.92 29.52615 (14010808)
594007.59 4122799.92 28.40402 (14010808) 592567.59
4122839.92 22.77084 (15013008)
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4122839.92 25.36011 (15013008)
592687.59 4122839.92 26.45009 (15013008) 592727.59
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4122839.92 27.37565 (17120508)
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4122839.92 22.65196 (17120508)
593087.59 4122839.92 23.42646 (13010808) 593127.59
4122839.92 25.03350 (13010808)
593167.59 4122839.92 25.47279 (13010808) 593207.59
4122839.92 28.21480 (13012508)

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       593487.59   4122839.92       34.51011  (17021008)                593527.59
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       593647.59   4122839.92       35.48822  (13111408)                593687.59
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 4122839.92       34.35513  (16123008)
       593807.59   4122839.92       34.35732  (16123008)                593847.59
 4122839.92       33.71726  (16123008)
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       593967.59   4122839.92       30.14338  (14010808)                594007.59
 4122839.92       28.53669  (14010808)
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       592647.59   4122879.92       25.24937  (14122708)                592687.59
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 4122879.92       28.68181  (15013008)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITES ***
                                 INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                  L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                  L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                  L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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592967.59	4122879.92	30.94852	(17120508)	593007.59	4122879.92	29.84238	(17120508)
593047.59	4122879.92	28.16334	(17120508)	593087.59	4122879.92	26.26479	(17120508)
593127.59	4122879.92	25.28386	(13010808)	593167.59	4122879.92	25.21715	(13010808)
593207.59	4122879.92	32.80593	(13012508)	593247.59	4122879.92	38.68131	(13012508)
593287.59	4122879.92	40.02918	(13012608)	593327.59	4122879.92	41.77207	(13012608)
593367.59	4122879.92	39.21209	(13012608)	593407.59	4122879.92	37.00251	(17021008)
593447.59	4122879.92	38.09779	(17021008)	593487.59	4122879.92	39.24396	(14122408)
593527.59	4122879.92	40.14949	(14122408)	593567.59	4122879.92	39.73292	(13111408)
593607.59	4122879.92	38.93237	(13111408)	593647.59	4122879.92	36.96069	(13111408)
593687.59	4122879.92	37.20564	(16123008)	593727.59	4122879.92	37.76523	(16123008)
593767.59	4122879.92	37.38224	(16123008)	593807.59	4122879.92	36.42276	(16123008)
593847.59	4122879.92	35.16346	(14010808)	593887.59	4122879.92	33.77326	(14010808)
593927.59	4122879.92	32.10894	(14010808)	593967.59	4122879.92	31.97146	(17112408)
594007.59	4122879.92	32.19266	(17112408)	592567.59	4122919.92	29.92896	(14122708)
592607.59	4122919.92	30.07513	(14122708)	592647.59	4122919.92	29.78327	(14122708)
592687.59	4122919.92	29.12504	(14122708)	592727.59	4122919.92	28.03459	(14122708)
592767.59	4122919.92	29.11424	(15013008)	592807.59	4122919.92	30.67311	(15013008)
592847.59	4122919.92	31.64698	(15013008)	592887.59	4122919.92	32.81034	(15013008)
592927.59	4122919.92	31.58864	(15013008)	592967.59	4122919.92	31.75858	(17120508)
593007.59	4122919.92	32.88406	(17120508)	593047.59	4122919.92	33.33215	(17120508)
593087.59	4122919.92	32.29741	(17120508)	593127.59			

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       593247.59   4122919.92       43.86844  (13012508)                593287.59
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       593327.59   4122919.92       45.28677  (13012608)                593367.59
 4122919.92       40.57562  (13012608)
       593407.59   4122919.92       42.32803  (17021008)                593447.59
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       593487.59   4122919.92       44.70142  (14122408)                593527.59
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       593567.59   4122919.92       43.02660  (13111408)                593607.59
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       593647.59   4122919.92       41.66888  (16123008)                593687.59
 4122919.92       41.74014  (16123008)
       593727.59   4122919.92       40.86247  (16123008)                593767.59
 4122919.92       39.41323  (16123008)
       593807.59   4122919.92       37.93355  (14010808)                593847.59
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 4122959.92       34.60972  (15013008)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 415
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITES ***
                                 INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                L0006563    , L0006564    , L0006565    , L0006566    , L0006567
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 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593047.59   4122959.92       35.95604  (17120508)               593087.59
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        593127.59   4122959.92       34.82211  (17120508)               593167.59
 4122959.92       34.97279  (13012508)
        593207.59   4122959.92       45.39927  (13012508)               593247.59
 4122959.92       49.62461  (13012508)
        593287.59   4122959.92       51.89824  (13012608)               593327.59
 4122959.92       48.10612  (13012608)
        593367.59   4122959.92       47.25091  (17021008)               593407.59
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        593447.59   4122959.92       50.32514  (14122408)               593487.59
 4122959.92       49.65048  (13111408)
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 4122959.92       45.80366  (16123008)
        593607.59   4122959.92       47.03910  (16123008)               593647.59
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        593687.59   4122959.92       45.07160  (16123008)               593727.59
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        593767.59   4122959.92       41.14594  (14010808)               593807.59
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        593847.59   4122959.92       40.55619  (17112408)               593887.59
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 4122959.92       38.26293  (17112408)
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 4122999.92       35.05948  (15013008)
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       593167.59   4122999.92       42.39343  (13012508)                593207.59
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       593327.59   4122999.92       53.00824  (17021008)                593367.59
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       593967.59   4122999.92       39.20988  (17112408)                594007.59
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       592647.59   4123039.92       35.17054  (16112408)                592687.59
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       592727.59   4123039.92       37.72561  (14122708)                592767.59
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       592887.59   4123039.92       40.68930  (14122708)                592927.59
 4123039.92       40.86288  (14122708)
       592967.59   4123039.92       40.94819  (14122708)                593007.59
 4123039.92       40.29514  (14122708)
       593047.59   4123039.92       39.78532  (15013008)                593087.59
 4123039.92       43.70907  (15013008)
       593127.59   4123039.92       40.86551  (15013008)                593167.59
 4123039.92       52.34165  (13012508)
       593207.59   4123039.92       64.40406  (13012508)                593247.59
 4123039.92       68.26144  (13012608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
INCLUDING SOURCE(S): L0006550 , L0006551 , L0006552 , L0006553 , L0006554 ,
L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 , L0006562 ,
L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 , L0006570 ,
L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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593367.59	4123039.92	66.79061	(14122408)	593407.59	4123039.92	65.51426	(13111408)
593447.59	4123039.92	62.47854	(13111408)	593487.59	4123039.92	61.78931	(16123008)
593527.59	4123039.92	61.48672	(16123008)	593567.59	4123039.92	58.92475	(16123008)
593607.59	4123039.92	55.81055	(14010808)	593647.59	4123039.92	53.91770	(17112408)
593687.59	4123039.92	54.40281	(17112408)	593727.59	4123039.92	53.97293	(17112408)
593767.59	4123039.92	52.85139	(17112408)	593807.59	4123039.92	51.11370	(17112408)
593847.59	4123039.92	48.64675	(17112408)	593887.59	4123039.92	45.64694	(17112408)
593927.59	4123039.92	42.14767	(17112408)	593967.59	4123039.92	39.27121	(14122208)
594007.59	4123039.92	38.92746	(14122208)	592567.59	4123079.92	26.39581	(15012408)
592607.59	4123079.92	29.79446	(15012408)	592647.59	4123079.92	36.55643	(16112408)
592687.59	4123079.92	38.48705	(16112408)	592727.59	4123079.92	37.34376	(16112408)
592767.59	4123079.92	37.35940	(15020208)	592807.59	4123079.92	37.75591	(15020208)
592847.59	4123079.92	39.47590	(14122708)	592887.59			

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       593487.59   4123079.92       71.51459  (16123008)                593527.59
4123079.92       67.72697  (16123008)
       593567.59   4123079.92       64.84326  (17112408)                593607.59
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       593647.59   4123079.92       64.86556  (17112408)                593687.59
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       593727.59   4123079.92       61.14131  (17112408)                593767.59
4123079.92       58.42150  (17112408)
       593807.59   4123079.92       54.74882  (17112408)                593847.59
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       593887.59   4123079.92       47.57175  (14122208)                593927.59
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       593967.59   4123079.92       44.80404  (14122208)                594007.59
4123079.92       42.80739  (14122208)
       592567.59   4123119.92       26.79969  (15012408)                592607.59
4123119.92       28.36301  (15012408)
       592647.59   4123119.92       33.79289  (15012408)                592687.59
4123119.92       39.06170  (15012408)
       592727.59   4123119.92       41.07786  (15012408)                592767.59
4123119.92       41.83374  (15012408)
       592807.59   4123119.92       42.98986  (15012408)                592847.59
4123119.92       44.00750  (15012408)
       592887.59   4123119.92       44.22081  (15012408)                592927.59
4123119.92       45.77245  (15020208)
       592967.59   4123119.92       49.85608  (14122708)                593007.59
4123119.92       52.34565  (14122708)
       593047.59   4123119.92       55.05976  (14122708)                593087.59
4123119.92       54.74998  (14122708)
       593127.59   4123119.92       55.38007  (13012508)                593167.59
4123119.92       86.60895  (13012508)
       593207.59   4123119.92       98.78523  (13012608)                593247.59
4123119.92       90.57475  (17021008)
       593287.59   4123119.92       97.64751  (14122408)                593327.59
4123119.92       94.89110  (13111408)
       593367.59   4123119.92       89.03778  (16123008)                593407.59
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                  INCLUDING SOURCE(S):   L0006550   , L0006551
 , L0006552   , L0006553   , L0006554   ,
                 L0006555   , L0006556   , L0006557   , L0006558   , L0006559
 , L0006560   , L0006561   , L0006562   ,
                 L0006563   , L0006564   , L0006565   , L0006566   , L0006567
 , L0006568   , L0006569   , L0006570   ,
                 L0006571   , L0006572   , L0006573   , L0006574   , L0006575
 , L0006576   , L0006577   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       593527.59   4123119.92   81.94192 (17112408)   593567.59
4123119.92   80.73150 (17112408)
       593607.59   4123119.92   78.58076 (17112408)   593647.59
4123119.92   75.51489 (17112408)
       593687.59   4123119.92   72.11888 (17112408)   593727.59
4123119.92   68.20583 (17112408)
       593767.59   4123119.92   62.87434 (17112408)   593807.59
4123119.92   59.76675 (14122208)
       593847.59   4123119.92   57.27242 (14122208)   593887.59
4123119.92   54.16517 (14122208)
       593927.59   4123119.92   50.54441 (14122208)   593967.59
4123119.92   46.67111 (14122208)
       594007.59   4123119.92   43.14376 (13112208)   592567.59
4123159.92   26.70659 (17011608)
       592607.59   4123159.92   28.30479 (17011608)   592647.59
4123159.92   30.57731 (17011608)
       592687.59   4123159.92   36.25584 (15012408)   592727.59
4123159.92   40.27113 (15012408)

592767.59 4123159.92 42.75938 (15012408) 592807.59
4123159.92 45.81835 (15012408)
592847.59 4123159.92 48.72821 (15012408) 592887.59
4123159.92 51.64066 (15012408)
592927.59 4123159.92 55.13899 (15012408) 592967.59
4123159.92 57.42344 (15012408)
593007.59 4123159.92 58.92757 (15012408) 593047.59
4123159.92 64.04969 (14122708)
593087.59 4123159.92 69.06145 (14122708) 593127.59
4123159.92 74.14336 (13012508)
593167.59 4123159.92 118.41627 (13012508) 593207.59
4123159.92 122.66493 (13012608)
593247.59 4123159.92 126.48125 (14122408) 593287.59
4123159.92 121.83488 (13111408)
593327.59 4123159.92 115.04525 (16123008) 593367.59
4123159.92 111.19259 (16123008)
593407.59 4123159.92 106.03573 (17112408) 593447.59
4123159.92 107.34363 (17112408)
593487.59 4123159.92 105.98844 (17112408) 593527.59
4123159.92 103.01467 (17112408)
593567.59 4123159.92 98.71083 (17112408) 593607.59
4123159.92 94.25919 (17112408)
593647.59 4123159.92 89.28990 (17112408) 593687.59
4123159.92 83.73050 (17112408)
593727.59 4123159.92 79.11054 (14122208) 593767.59
4123159.92 74.84483 (14122208)
593807.59 4123159.92 68.52493 (14122208) 593847.59
4123159.92 61.45796 (14122208)
593887.59 4123159.92 55.95895 (13112208) 593927.59
4123159.92 51.74431 (16021308)
593967.59 4123159.92 48.96319 (16021308) 594007.59
4123159.92 46.45235 (16021308)
592567.59 4123199.92 26.97505 (17112908) 592607.59
4123199.92 28.15769 (17112908)
592647.59 4123199.92 29.99224 (17112908) 592687.59
4123199.92 35.65943 (17112908)
592727.59 4123199.92 41.47459 (17112908) 592767.59
4123199.92 44.73171 (17112908)
592807.59 4123199.92 47.34428 (17112908) 592847.59
4123199.92 49.55838 (17112908)
592887.59 4123199.92 54.03211 (17112908) 592927.59
4123199.92 58.48945 (15012408)
592967.59 4123199.92 64.89063 (15012408) 593007.59
4123199.92 73.74591 (15012408)
593047.59 4123199.92 83.40506 (15012408) 593087.59
4123199.92 94.05555 (15012408)
593127.59 4123199.92 107.91093 (13012508) 593167.59
4123199.92 174.82035 (13012608)
593207.59 4123199.92 180.84034 (14122408) 593247.59
4123199.92 167.38596 (13111408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
INCLUDING SOURCE(S): L0006550 , L0006551 , L0006552 , L0006553 , L0006554 ,
L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 , L0006562 ,
L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 , L0006570 ,
L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	86.33200	(16021308)	593807.59	4123199.92	77.83646	(16021308)
593847.59	4123199.92	70.35205	(16021308)	593887.59	4123199.92	63.87843	(16021308)
593927.59	4123199.92	58.31415	(16021308)	593967.59	4123199.92	53.54072	(16021308)
594007.59	4123199.92	49.48897	(16021308)	592567.59	4123239.92	27.54770	(17112908)
592607.59	4123239.92	28.73392	(17112908)	592647.59			

4123239.92 30.03359 (17112908)
592687.59 4123239.92 32.77439 (17112908) 592727.59
4123239.92 38.25864 (17112908)
592767.59 4123239.92 43.91786 (17112908) 592807.59
4123239.92 47.82040 (17112908)
592847.59 4123239.92 52.44292 (17112908) 592887.59
4123239.92 59.40407 (17112908)
592927.59 4123239.92 65.21446 (17112908) 592967.59
4123239.92 71.56332 (17112908)
593007.59 4123239.92 84.47066 (17112908) 593047.59
4123239.92 103.14113 (17112908)
593087.59 4123239.92 133.91626 (17112908) 593127.59
4123239.92 192.19781 (17112908)
593167.59 4123239.92 232.73250 (14122408) 593207.59
4123239.92 197.37606 (17112908)
593247.59 4123239.92 208.34182 (17112408) 593287.59
4123239.92 190.29159 (17112908)
593327.59 4123239.92 209.78765 (14020308) 593367.59
4123239.92 194.69483 (14020308)
593407.59 4123239.92 214.87938 (14020308) 593447.59
4123239.92 199.39200 (14020308)
593487.59 4123239.92 232.04997 (14020308) 593527.59
4123239.92 200.99477 (16021308)
593567.59 4123239.92 228.17825 (14020308) 593607.59
4123239.92 235.24702 (14020308)
593647.59 4123239.92 194.91488 (16021308) 593687.59
4123239.92 147.11898 (16021308)
593727.59 4123239.92 117.02441 (16021308) 593767.59
4123239.92 96.94239 (16021308)
593807.59 4123239.92 82.79448 (16021308) 593847.59
4123239.92 72.60767 (16021308)
593887.59 4123239.92 64.44396 (16021308) 593927.59
4123239.92 57.74513 (16021308)
593967.59 4123239.92 52.05441 (16021308) 594007.59
4123239.92 47.32355 (16021308)
592567.59 4123279.92 29.44847 (14121208) 592607.59
4123279.92 30.96288 (14121208)
592647.59 4123279.92 32.59029 (14121208) 592687.59
4123279.92 35.18568 (14121208)
592727.59 4123279.92 38.95602 (14121208) 592767.59
4123279.92 45.72960 (14121208)
592807.59 4123279.92 52.04930 (14121208) 592847.59
4123279.92 57.87293 (14121208)
592887.59 4123279.92 66.00660 (14121208) 592927.59
4123279.92 72.81072 (14121208)
592967.59 4123279.92 81.87381 (14121208) 593007.59
4123279.92 98.05070 (14121208)
593047.59 4123279.92 124.11885 (14121208) 593087.59
4123279.92 178.46793 (15112108)
593127.59 4123279.92 216.82911 (14111808) 593167.59

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 4123279.92      195.95107  (13030208)
       593207.59   4123279.92      167.11978  (15112108)                593247.59
 4123279.92      165.49676  (15112108)
       593287.59   4123279.92      164.59037  (13010909)                593327.59
 4123279.92      164.03106  (13010909)
       593367.59   4123279.92      162.82918  (13010909)                593407.59
 4123279.92      157.83293  (13030208)
       593447.59   4123279.92      160.43865  (13030208)                593487.59
 4123279.92      163.64103  (13030208)
       593527.59   4123279.92      165.72972  (13030208)                593567.59
 4123279.92      172.17177  (13030208)
       593607.59   4123279.92      225.87327  (13030208)                593647.59
 4123279.92      161.78292  (17112208)
       593687.59   4123279.92      152.57638  (17112108)                593727.59
 4123279.92      113.52803  (15112608)
       593767.59   4123279.92       91.26654  (15112608)                593807.59
 4123279.92       76.61146  (15112608)
       593847.59   4123279.92       66.27721  (15112608)                593887.59
 4123279.92       58.26117  (15112608)
       593927.59   4123279.92       51.95391  (15112608)                593967.59
 4123279.92       46.77398  (15112608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 419
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITES ***
                                  INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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       594007.59   4123279.92       42.65385  (15112608)                592567.59
4123319.92       30.77319  (14121208)
       592607.59   4123319.92       32.50771  (14121208)                592647.59
4123319.92       34.44525  (14121208)
       592687.59   4123319.92       36.70377  (14121208)                592727.59
4123319.92       39.74125  (14121208)
       592767.59   4123319.92       43.94602  (14121208)                592807.59
4123319.92       51.34829  (16121708)
       592847.59   4123319.92       57.77467  (16121708)                592887.59
4123319.92       66.51147  (16121708)
       592927.59   4123319.92       71.94307  (16121708)                592967.59
4123319.92       82.58759  (16121708)
       593007.59   4123319.92      111.52531  (15112108)                593047.59
4123319.92      154.08604  (15112108)
       593087.59   4123319.92      219.35424  (14111808)                593127.59
4123319.92      199.97298  (14122408)
       593167.59   4123319.92      143.05398  (15112308)                593207.59
4123319.92      107.85521  (17112408)
       593247.59   4123319.92       97.20302  (14111808)                593287.59
4123319.92       94.61635  (14120908)
       593327.59   4123319.92       92.63385  (14011308)                593367.59
4123319.92       90.64697  (14011308)
       593407.59   4123319.92       84.44844  (15012209)                593447.59
4123319.92       85.63468  (15120108)
       593487.59   4123319.92       86.77116  (17122509)                593527.59
4123319.92       87.41185  (15121908)
       593567.59   4123319.92       92.30995  (13030208)                593607.59
4123319.92      118.35201  (13030208)
       593647.59   4123319.92      151.68786  (15021909)                593687.59
4123319.92      212.83719  (13030208)
       593727.59   4123319.92      123.62355  (17112108)                593767.59
4123319.92       91.37886  (17112108)
       593807.59   4123319.92       75.79785  (15112608)                593847.59
4123319.92       65.26118  (15112608)
       593887.59   4123319.92       57.06661  (15112608)                593927.59
4123319.92       50.76048  (15112608)
       593967.59   4123319.92       45.58527  (15112608)                594007.59
4123319.92       41.60533  (15112608)
       592567.59   4123359.92       31.73571  (14121208)                592607.59
4123359.92       33.60457  (13012808)
       592647.59   4123359.92       35.74605  (13012808)                592687.59
4123359.92       37.92919  (13012808)
       592727.59   4123359.92       40.51076  (13012808)                592767.59
4123359.92       43.94786  (13012808)
       592807.59   4123359.92       48.80575  (16121708)                592847.59
4123359.92       56.71783  (16122808)
       592887.59   4123359.92       67.77569  (15112108)                592927.59
4123359.92       83.82664  (15112108)
       592967.59   4123359.92      102.87839  (15112108)                593007.59
4123359.92      125.07475  (15112108)
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       593047.59   4123359.92      158.10540  (14120908)                593087.59
 4123359.92      190.21436  (15111308)
       593127.59   4123359.92      198.52482  (15112308)                593167.59
 4123359.92      127.49909  (17112408)
       593207.59   4123359.92       90.03379  (17112408)                593247.59
 4123359.92       72.05256  (14020308)
       593287.59   4123359.92       67.88902  (15120108)                593327.59
 4123359.92       66.29179  (15120108)
       593367.59   4123359.92       64.22183  (14011408)                593407.59
 4123359.92       60.87640  (15111308)
       593447.59   4123359.92       60.23016  (15111308)                593487.59
 4123359.92       60.75539  (13111308)
       593527.59   4123359.92       61.58946  (13111108)                593567.59
 4123359.92       65.85265  (13111308)
       593607.59   4123359.92       80.78379  (13111108)                593647.59
 4123359.92      138.61320  (17101908)
       593687.59   4123359.92      212.80406  (15021909)                593727.59
 4123359.92      171.06536  (15121908)
       593767.59   4123359.92      106.75715  (17112208)                593807.59
 4123359.92       77.23923  (17112208)
       593847.59   4123359.92       58.87829  (13011408)                593887.59
 4123359.92       50.82998  (17112108)
       593927.59   4123359.92       44.96369  (17112108)                593967.59
 4123359.92       40.25074  (17112108)
       594007.59   4123359.92       36.37786  (17112108)                592567.59
 4123399.92       33.07805  (13012808)
       592607.59   4123399.92       35.15224  (16010508)                592647.59
 4123399.92       37.44064  (16010508)
       592687.59   4123399.92       40.32888  (16010508)                592727.59
 4123399.92       43.22094  (16010508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 420
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITES ***
                                 INCLUDING SOURCE(S):     L0006550    , L0006551
 , L0006552    , L0006553    , L0006554    ,
                  L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                  L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                  L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	47.42369	(15112108)	592807.59	4123399.92	56.05270	(15112108)
592847.59	4123399.92	66.37504	(15112108)	592887.59	4123399.92	79.12554	(15112108)
592927.59	4123399.92	93.93144	(15112108)	592967.59	4123399.92	109.72804	(14120908)
593007.59	4123399.92	129.56320	(14120908)	593047.59	4123399.92	172.36323	(15120108)
593087.59	4123399.92	179.91633	(14112008)	593127.59	4123399.92	165.44806	(17112408)
593167.59	4123399.92	102.63490	(14020308)	593207.59	4123399.92	78.42098	(14020308)
593247.59	4123399.92	63.02946	(16021308)	593287.59	4123399.92	53.45159	(15121108)
593327.59	4123399.92	52.25165	(15111308)	593367.59	4123399.92	51.43955	(15111308)
593407.59	4123399.92	50.31705	(15111308)	593447.59	4123399.92	49.49772	(14122008)
593487.59	4123399.92	49.26570	(14112008)	593527.59	4123399.92	49.67458	(13111108)
593567.59	4123399.92	53.93951	(15111308)	593607.59	4123399.92	64.59711	(16111708)
593647.59	4123399.92	86.74595	(17101908)	593687.59	4123399.92	177.61035	(17101908)
593727.59	4123399.92	165.76523	(15011008)	593767.59	4123399.92	109.62165	(13122008)
593807.59	4123399.92	80.43510	(15121908)	593847.59	4123399.92	64.92281	(17112208)
593887.59	4123399.92	53.60207	(17112208)	593927.59	4123399.92	44.40122	(17112208)
593967.59	4123399.92	37.33872	(13011408)	594007.59	4123399.92	31.80037	(15110208)
592567.59	4123439.92	33.55953	(17012608)	592607.59	4123439.92	36.25330	(17012608)
592647.59	4123439.92	39.44112	(17012608)	592687.59	4123439.92	43.93645	(15112108)
592727.59	4123439.92	50.65287	(15112108)	592767.59	4123439.92	58.51918	(15112108)
592807.59	4123439.92	68.00091	(15112108)	592847.59	4123439.92	81.74209	(14121208)
592887.59	4123439.92	114.56241	(17011608)	592927.59			

4123439.92   170.35429 (14122708)
       592967.59   4123439.92   168.78190 (13030208)   593007.59
4123439.92   190.17081 (13030208)
       593047.59   4123439.92   257.34496 (13030208)   593087.59
4123439.92   243.30418 (17101908)
       593127.59   4123439.92   126.43822 (16021308)   593167.59
4123439.92   83.21795 (16021308)
       593207.59   4123439.92   63.85564 (13012308)   593247.59
4123439.92   52.88288 (13012308)
       593287.59   4123439.92   45.66269 (13012308)   593327.59
4123439.92   43.72385 (15111308)
       593367.59   4123439.92   42.80350 (14122008)   593407.59
4123439.92   42.21611 (14122008)
       593447.59   4123439.92   41.90401 (14112008)   593487.59
4123439.92   41.72928 (14112008)
       593527.59   4123439.92   42.70238 (14112008)   593567.59
4123439.92   46.81434 (14112008)
       593607.59   4123439.92   53.66198 (14112008)   593647.59
4123439.92   67.34620 (14112008)
       593687.59   4123439.92   120.58267 (17101908)   593727.59
4123439.92   119.10653 (15021909)
       593767.59   4123439.92   85.19753 (15011008)   593807.59
4123439.92   71.65436 (13121908)
       593847.59   4123439.92   60.72862 (13122008)   593887.59
4123439.92   51.48384 (15121908)
       593927.59   4123439.92   45.51641 (17112208)   593967.59
4123439.92   40.66563 (17112208)
       594007.59   4123439.92   36.10835 (13011408)   592567.59
4123479.92   36.66655 (15112108)
       592607.59   4123479.92   41.82671 (15112108)   592647.59
4123479.92   47.78767 (15112108)
       592687.59   4123479.92   54.90792 (15112108)   592727.59
4123479.92   63.81004 (15112108)
       592767.59   4123479.92   75.86443 (15112108)   592807.59
4123479.92   93.94905 (15112108)
       592847.59   4123479.92   126.76409 (15112108)   592887.59
4123479.92   186.72395 (14120908)
       592927.59   4123479.92   205.52174 (15120808)   592967.59
4123479.92   226.74959 (15120808)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
                                    INCLUDING SOURCE(S):   L0006550   , L0006551

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 , L0006552    , L0006553    , L0006554    ,
                 L0006555    , L0006556    , L0006557    , L0006558    , L0006559
 , L0006560    , L0006561    , L0006562    ,
                 L0006563    , L0006564    , L0006565    , L0006566    , L0006567
 , L0006568    , L0006569    , L0006570    ,
                 L0006571    , L0006572    , L0006573    , L0006574    , L0006575
 , L0006576    , L0006577    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593007.59   4123479.92      221.64125  (15121108)               593047.59
 4123479.92      260.38453  (14112008)
        593087.59   4123479.92      168.92210  (17101908)               593127.59
 4123479.92       88.32529  (17112208)
        593167.59   4123479.92       65.15986  (17112208)               593207.59
 4123479.92       52.12400  (17112108)
        593247.59   4123479.92       44.55144  (17112108)               593287.59
 4123479.92       39.34184  (17112108)
        593327.59   4123479.92       37.68685  (14122008)               593367.59
 4123479.92       37.01433  (14122008)
        593407.59   4123479.92       36.36603  (14112008)               593447.59
 4123479.92       35.60792  (14112008)
        593487.59   4123479.92       35.34524  (14112008)               593527.59
 4123479.92       36.69473  (14122008)
        593567.59   4123479.92       40.06487  (14122008)               593607.59
 4123479.92       45.76975  (14112008)
        593647.59   4123479.92       54.53303  (16111708)               593687.59
 4123479.92       80.43918  (17101908)
        593727.59   4123479.92       68.18259  (16011108)               593767.59
 4123479.92       65.26862  (17010508)
        593807.59   4123479.92       61.70761  (15011008)               593847.59
 4123479.92       55.68702  (13121908)
        593887.59   4123479.92       49.97160  (13122008)               593927.59
 4123479.92       44.35452  (13122008)
        593967.59   4123479.92       38.92642  (15121908)               594007.59
 4123479.92       35.20536  (17112208)
        592567.59   4123519.92       43.86418  (15112108)               592607.59
 4123519.92       49.28626  (15112108)
        592647.59   4123519.92       55.67735  (17120708)               592687.59
 4123519.92       63.63409  (17120708)
        592727.59   4123519.92       73.10396  (17120708)               592767.59
 4123519.92       85.37877  (13121608)
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       592807.59   4123519.92       99.67752  (13121608)               592847.59
 4123519.92      119.00883  (15120808)
       592887.59   4123519.92      134.55394  (17122508)               592927.59
 4123519.92      143.99281  (15120908)
       592967.59   4123519.92      158.32773  (14013108)               593007.59
 4123519.92      161.52289  (14122008)
       593047.59   4123519.92      142.51432  (16111708)               593087.59
 4123519.92      115.36115  (17101908)
       593127.59   4123519.92       69.84551  (14120208)               593167.59
 4123519.92       55.75198  (15121908)
       593207.59   4123519.92       47.20648  (15121908)               593247.59
 4123519.92       40.31611  (15121908)
       593287.59   4123519.92       35.45078  (17112208)               593327.59
 4123519.92       32.49968  (14122008)
       593367.59   4123519.92       31.77967  (14112008)               593407.59
 4123519.92       31.43986  (14112008)
       593447.59   4123519.92       31.29618  (14112008)               593487.59
 4123519.92       31.78082  (14112008)
       593527.59   4123519.92       33.64195  (14122008)               593567.59
 4123519.92       37.16052  (14112008)
       593607.59   4123519.92       42.01339  (14120808)               593647.59
 4123519.92       48.00642  (15123108)
       593687.59   4123519.92       59.47041  (14120208)               593727.59
 4123519.92       53.23823  (16011108)
       593767.59   4123519.92       47.74867  (17111408)               593807.59
 4123519.92       49.98436  (17010508)
       593847.59   4123519.92       47.38383  (15011008)               593887.59
 4123519.92       43.45433  (13121908)
       593927.59   4123519.92       40.73610  (13121908)               593967.59
 4123519.92       37.53988  (13122008)
       594007.59   4123519.92       33.77124  (13122008)               592567.59
 4123559.92       48.16691  (17120708)
       592607.59   4123559.92       53.01437  (17120708)               592647.59
 4123559.92       58.54222  (13121608)
       592687.59   4123559.92       64.95201  (13121608)               592727.59
 4123559.92       71.59827  (17121408)
       592767.59   4123559.92       80.68841  (15120808)               592807.59
 4123559.92       89.11562  (17122908)
       592847.59   4123559.92       97.53025  (17121108)               592887.59
 4123559.92      102.90467  (15120908)
       592927.59   4123559.92      103.63931  (14013108)               592967.59
 4123559.92      102.77870  (14120108)
       593007.59   4123559.92       99.52348  (14112008)               593047.59
 4123559.92       85.56346  (16111708)
       593087.59   4123559.92       73.42273  (17101908)               593127.59
 4123559.92       55.45367  (14120208)
       593167.59   4123559.92       42.53661  (14013008)               593207.59
 4123559.92       38.86246  (13121908)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
INCLUDING SOURCE(S): L0006550 , L0006551 , L0006552 , L0006553 , L0006554 ,
L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 , L0006562 ,
L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 , L0006570 ,
L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	35.09057	(15121908)	593287.59	4123559.92	32.48715	(15121908)
593327.59	4123559.92	29.95015	(15121908)	593367.59	4123559.92	28.76488	(14112008)
593407.59	4123559.92	28.63280	(14112008)	593447.59	4123559.92	28.79786	(14112008)
593487.59	4123559.92	29.67841	(14112008)	593527.59	4123559.92	31.72246	(14112008)
593567.59	4123559.92	34.61484	(14112008)	593607.59	4123559.92	37.17644	(14120808)
593647.59	4123559.92	40.75864	(15123108)	593687.59	4123559.92	48.44004	(14120208)
593727.59	4123559.92	41.67439	(14120208)	593767.59	4123559.92	40.23416	(16011108)
593807.59	4123559.92	39.66584	(17010508)	593847.59	4123559.92	39.59903	(15122808)
593887.59	4123559.92	38.16629	(15011008)	593927.59	4123559.92	35.57938	(13121908)
593967.59	4123559.92	34.27216	(13121908)	594007.59	4123559.92	32.11266	(13122008)
592567.59	4123599.92	48.69489	(13121608)	592607.59	4123599.92	52.24601	(13121608)
592647.59	4123599.92	56.63387	(17121408)	592687.59			

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4123599.92       61.74418  (15120808)
       592727.59   4123599.92       66.93221  (15120808)                592767.59
4123599.92       72.72347  (17122508)
       592807.59   4123599.92       76.07567  (17121108)                592847.59
4123599.92       77.11535  (15120908)
       592887.59   4123599.92       75.69759  (14013108)                592927.59
4123599.92       75.93927  (14120108)
       592967.59   4123599.92       73.76561  (15112508)                593007.59
4123599.92       72.20255  (14112008)
       593047.59   4123599.92       62.24144  (15123108)                593087.59
4123599.92       54.91394  (15010908)
       593127.59   4123599.92       48.51752  (14120208)                593167.59
4123599.92       38.04216  (14120208)
       593207.59   4123599.92       33.76599  (14013008)                593247.59
4123599.92       32.01693  (14013008)
       593287.59   4123599.92       30.05779  (13121908)                593327.59
4123599.92       28.07081  (13121908)
       593367.59   4123599.92       26.66743  (14112008)                593407.59
4123599.92       26.61328  (14112008)
       593447.59   4123599.92       26.85401  (14112008)                593487.59
4123599.92       27.88205  (14112008)
       593527.59   4123599.92       29.48791  (14112008)                593567.59
4123599.92       31.51540  (14120808)
       593607.59   4123599.92       32.55204  (15123108)                593647.59
4123599.92       35.61614  (15010908)
       593687.59   4123599.92       40.97476  (14120208)                593727.59
4123599.92       36.21577  (14120208)
       593767.59   4123599.92       35.06152  (16011108)                593807.59
4123599.92       31.49211  (17010508)
       593847.59   4123599.92       33.95996  (17010508)                593887.59
4123599.92       33.07952  (15122808)
       593927.59   4123599.92       32.26128  (15011008)                593967.59
4123599.92       30.04294  (13121908)
       594007.59   4123599.92       29.63059  (13121908)                593087.59
4123639.92       49.39743  (15010908)
       593127.59   4123639.92       46.23907  (14120208)                593167.59
4123639.92       38.00429  (14120208)
       593207.59   4123639.92       31.75097  (17010508)                593247.59
4123639.92       29.94418  (17010508)
       593287.59   4123639.92       27.90856  (14013008)                593327.59
4123639.92       26.24384  (14013008)
       593367.59   4123639.92       24.65936  (13121908)                593407.59
4123639.92       24.66897  (14112008)
       593447.59   4123639.92       25.07202  (14112008)                593487.59
4123639.92       26.04436  (14112008)
       593527.59   4123639.92       27.27877  (14120808)                593567.59
4123639.92       28.01597  (14120808)
       593607.59   4123639.92       29.51217  (15123108)                593647.59
4123639.92       31.81630  (15010908)
       593687.59   4123639.92       35.44441  (14120208)                593727.59
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITES ***
INCLUDING SOURCE(S): L0006550 , L0006551 , L0006552 , L0006553 , L0006554 ,
  L0006555 , L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561 , L0006562 ,
  L0006563 , L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569 , L0006570 ,
  L0006571 , L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123639.92	26.10168	(13121908)	593087.59	4123679.92	47.59953	(15010908)
593127.59	4123679.92	44.32972	(14120208)	593167.59	4123679.92	36.57080	(14120208)
593207.59	4123679.92	30.06200	(16011108)	593247.59	4123679.92	27.32839	(17010508)
593287.59	4123679.92	25.87456	(17010508)	593327.59	4123679.92	24.09953	(15122808)
593367.59	4123679.92	22.94469	(14013008)	593407.59	4123679.92	23.02233	(14112008)
593447.59	4123679.92	23.54437	(14112008)	593487.59	4123679.92	24.24510	(14120808)
593527.59	4123679.92	25.16893	(14120808)	593567.59	4123679.92	25.04770	(16111708)

593607.59 4123679.92 26.68541 (15123108) 593647.59 4123679.92 28.89588 (15010908)
593687.59 4123679.92 31.27306 (14120208) 593727.59 4123679.92 28.70050 (14120208)
593767.59 4123679.92 26.95237 (16011108) 593807.59 4123679.92 25.20237 (16011108)
593847.59 4123679.92 24.24410 (17010508) 593887.59 4123679.92 25.68124 (17010508)
593927.59 4123679.92 25.56247 (17010508) 593967.59 4123679.92 25.00454 (15011008)
594007.59 4123679.92 24.65632 (15011008) 593087.59 4123719.92 42.27046 (15010908)
593127.59 4123719.92 39.80327 (14120208) 593167.59 4123719.92 34.08885 (14120208)
593207.59 4123719.92 28.12274 (14120208) 593247.59 4123719.92 25.46513 (16011108)
593287.59 4123719.92 23.63754 (17010508) 593327.59 4123719.92 22.69977 (17010508)
593367.59 4123719.92 21.48943 (17010508) 593407.59 4123719.92 21.62774 (14112008)
593447.59 4123719.92 22.06416 (14120808) 593487.59 4123719.92 22.75841 (14120808)
593527.59 4123719.92 22.83527 (14120808) 593567.59 4123719.92 23.32837 (15123108)
593607.59 4123719.92 24.11899 (15123108) 593647.59 4123719.92 26.41129 (15010908)
593687.59 4123719.92 28.06816 (14120208) 593727.59 4123719.92 25.94635 (14120208)
593767.59 4123719.92 23.92833 (16011108) 593807.59 4123719.92 23.33613 (16011108)
593847.59 4123719.92 21.06292 (17111408) 593887.59 4123719.92 22.41745 (17010508)
593927.59 4123719.92 23.21712 (17010508) 593967.59 4123719.92 22.84178 (15122808)
594007.59 4123719.92 22.50501 (15011008) 593087.59 4123759.92 37.71390 (15010908)
593127.59 4123759.92 36.22682 (14120208) 593167.59 4123759.92 32.03181 (14120208)
593207.59 4123759.92 26.83793 (14120208) 593247.59 4123759.92 24.07902 (16011108)
593287.59 4123759.92 22.02365 (16011108) 593327.59 4123759.92 20.87379 (17010508)
593367.59 4123759.92 20.24515 (17010508) 593407.59 4123759.92 20.38632 (14120808)
593447.59 4123759.92 20.83451 (14120808) 593487.59 4123759.92 21.18232 (14120808)
593527.59 4123759.92 20.86117 (16111708) 593567.59 4123759.92 21.75071 (15123108)
593607.59 4123759.92 22.17914 (15010908) 593647.59 4123759.92 24.22859 (15010908)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITES ***
                                    INCLUDING SOURCE(S):   L0006550   , L0006551
 , L0006552   , L0006553   , L0006554   ,
                 L0006555   , L0006556   , L0006557   , L0006558   , L0006559
 , L0006560   , L0006561   , L0006562   ,
                 L0006563   , L0006564   , L0006565   , L0006566   , L0006567
 , L0006568   , L0006569   , L0006570   ,
                 L0006571   , L0006572   , L0006573   , L0006574   , L0006575
 , L0006576   , L0006577   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       593367.59   4123799.92   19.03462 (14120808)   593407.59
 4123799.92   19.34781 (14120808)
       593447.59   4123799.92   19.64976 (14120808)   593487.59
 4123799.92   19.48820 (14120808)
       593527.59   4123799.92   19.50894 (15123108)   593567.59

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4123799.92       20.23271  (15123108)
       593607.59   4123799.92       20.89004  (15010908)                593647.59
4123799.92       22.42726  (15010908)
       593687.59   4123799.92       23.27943  (14120208)                593727.59
4123799.92       21.94322  (14120208)
       593767.59   4123799.92       19.47410  (16011108)                593807.59
4123799.92       19.79476  (16011108)
       593847.59   4123799.92       18.48276  (16011108)                593887.59
4123799.92       17.70355  (17010508)
       593927.59   4123799.92       18.70651  (17010508)                593967.59
4123799.92       19.26103  (17010508)
       594007.59   4123799.92       19.13412  (17010508)                593087.59
4123839.92       31.00671  (15010908)
       593127.59   4123839.92       30.50756  (14120208)                593167.59
4123839.92       28.23394  (14120208)
       593207.59   4123839.92       24.69089  (14120208)                593247.59
4123839.92       21.45123  (14120208)
       593287.59   4123839.92       20.20406  (16011108)                593327.59
4123839.92       18.80821  (16011108)
       593367.59   4123839.92       18.14299  (14120808)                593407.59
4123839.92       18.34895  (14120808)
       593447.59   4123839.92       18.40945  (14120808)                593487.59
4123839.92       17.99650  (16111708)
       593527.59   4123839.92       18.45469  (15123108)                593567.59
4123839.92       18.84355  (15123108)
       593607.59   4123839.92       19.66766  (15010908)                593647.59
4123839.92       20.86837  (15010908)
       593687.59   4123839.92       21.51167  (14120208)                593727.59
4123839.92       20.37095  (14120208)
       593767.59   4123839.92       17.87788  (16011108)                593807.59
4123839.92       18.39030  (16011108)
       593847.59   4123839.92       17.61576  (16011108)                593887.59
4123839.92       16.11460  (17122008)
       593927.59   4123839.92       16.83200  (17010508)                593967.59
4123839.92       17.53537  (17010508)
       594007.59   4123839.92       17.84178  (17010508)                593087.59
4123879.92       28.45231  (15010908)
       593127.59   4123879.92       28.21199  (14120208)                593167.59
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       593207.59   4123879.92       23.67398  (14120208)                593247.59
4123879.92       20.81762  (14120208)
       593287.59   4123879.92       19.21314  (16011108)                593327.59
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4123879.92       17.35799  (14120808)
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4123879.92       16.89248  (15123108)
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 4123879.92       17.12449  (16011108)
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 4123879.92       15.13164  (17122008)
       593927.59   4123879.92       15.32623  (17010508)                593967.59
 4123879.92       15.99303  (17010508)
       594007.59   4123879.92       16.49488  (17010508)

↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        592567.59   4122799.92       30.32896  (15013008)                592607.59
 4122799.92       31.39220  (17120508)
       592647.59   4122799.92       32.97739  (17120508)                592687.59
 4122799.92       33.55054  (17120508)
       592727.59   4122799.92       33.64955  (17120508)                592767.59
 4122799.92       32.87848  (17120508)
       592807.59   4122799.92       31.26458  (17120508)                592847.59
 4122799.92       29.27934  (17120508)
       592887.59   4122799.92       26.41890  (17120508)                592927.59
 4122799.92       27.15082  (17111108)
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592967.59 4122799.92 31.30837 (13010808) 593007.59 4122799.92 35.11797 (13010808)
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593287.59 4122799.92 30.71331 (15021808) 593327.59 4122799.92 33.12449 (15021808)
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592607.59 4122839.92 31.31306 (15013008) 592647.59 4122839.92 32.78326 (15013008)
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592767.59 4122839.92 35.64055 (17120508) 592807.59 4122839.92 35.35860 (17120508)
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592927.59 4122839.92 29.19681 (17120508) 592967.59 4122839.92 29.45654 (13010808)
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593167.59 4122839.92 41.13323 (13010808) 593207.59 4122839.92 39.25910 (15020708)
593247.59 4122839.92 37.51571 (15020708) 593287.59 4122839.92 33.21212 (15020708)
593327.59 4122839.92 32.81260 (15021808) 593367.59 4122839.92 32.93714 (15021808)
593407.59 4122839.92 31.65727 (15021808) 593447.59 4122839.92 34.81892 (13010108)

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       592727.59   4122879.92       35.60955  (17120508)                592767.59
 4122879.92       37.10424  (17120508)
♠ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 426
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
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                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       592807.59   4122879.92       38.17925  (17120508)                592847.59
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4122879.92 37.95987 (17120508)
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593127.59 4122879.92 43.20322 (13010808) 593167.59
4122879.92 43.38287 (13010808)
593207.59 4122879.92 43.29329 (13010808) 593247.59
4122879.92 39.01335 (13010808)
593287.59 4122879.92 34.82605 (15020708) 593327.59
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4122879.92 38.71446 (13010108)
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594007.59 4122879.92 49.24282 (13111408) 592567.59
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4122919.92 37.46285 (17120508)
593007.59 4122919.92 35.25308 (17120508) 593047.59
4122919.92 35.30956 (13010808)
593087.59 4122919.92 39.88516 (13010808) 593127.59
4122919.92 43.39647 (13010808)
593167.59 4122919.92 43.90330 (13010808) 593207.59
4122919.92 46.36258 (13010808)
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4122919.92 39.34768 (13010808)
593327.59 4122919.92 33.68320 (15020708) 593367.59

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       593487.59   4122919.92       40.05206  (13010108)                593527.59
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       593567.59   4122919.92       38.96110  (13012508)                593607.59
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       593647.59   4122919.92       56.75261  (13012508)                593687.59
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       593727.59   4122919.92       63.10754  (13012608)                593767.59
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       593807.59   4122919.92       55.34199  (13012608)                593847.59
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       593887.59   4122919.92       54.05660  (14122408)                593927.59
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       593967.59   4122919.92       54.11094  (13111408)                594007.59
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 4122959.92       36.57529  (15013008)
       592807.59   4122959.92       39.17921  (15013008)                592847.59
 4122959.92       40.79280  (17120508)
       592887.59   4122959.92       42.97512  (17120508)                592927.59
 4122959.92       43.53233  (17120508)
       592967.59   4122959.92       42.95477  (17120508)                593007.59
 4122959.92       41.49568  (17120508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 427
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593047.59	4122959.92	39.26666	(17120508)	593087.59	4122959.92	38.52246	(13010808)
593127.59	4122959.92	42.12396	(13010808)	593167.59	4122959.92	43.62348	(13010808)
593207.59	4122959.92	46.00157	(13010808)	593247.59	4122959.92	43.15454	(13010808)
593287.59	4122959.92	42.85660	(13010808)	593327.59	4122959.92	38.19940	(13010808)
593367.59	4122959.92	37.94964	(15021808)	593407.59	4122959.92	39.64807	(15021808)
593447.59	4122959.92	41.12554	(13010108)	593487.59	4122959.92	43.07029	(13010108)
593527.59	4122959.92	45.00071	(13010108)	593567.59	4122959.92	45.09715	(13012508)
593607.59	4122959.92	55.30071	(13012508)	593647.59	4122959.92	63.79499	(13012508)
593687.59	4122959.92	67.28529	(13012508)	593727.59	4122959.92	69.37878	(13012608)
593767.59	4122959.92	65.30931	(13012608)	593807.59	4122959.92	60.48526	(17021008)
593847.59	4122959.92	59.51601	(17021008)	593887.59	4122959.92	60.93685	(14122408)
593927.59	4122959.92	59.85032	(13111408)	593967.59	4122959.92	57.34250	(13111408)
594007.59	4122959.92	52.58017	(16123008)	592567.59	4122999.92	32.89260	(14122708)
592607.59	4122999.92	35.61919	(14122708)	592647.59	4122999.92	35.81027	(14122708)
592687.59	4122999.92	35.33254	(14122708)	592727.59	4122999.92	34.23014	(14122708)
592767.59	4122999.92	33.96981	(15013008)	592807.59	4122999.92	37.75851	(15013008)
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592927.59	4122999.92	45.22641	(17120508)	592967.59	4122999.92	46.65229	(17120508)
593007.59	4122999.92	46.74604	(17120508)	593047.59	4122999.92	45.93214	(17120508)
593087.59	4122999.92	44.54318	(17120508)	593127.59	4122999.92	40.87046	(17120508)
593167.59	4122999.92	42.57884	(13010808)	593207.59	4122999.92	45.42304	(13010808)

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 4122999.92       63.95567  (13111408)
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       592887.59   4123039.92       42.54865  (15013008)                592927.59
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       592967.59   4123039.92       47.97971  (17120508)                593007.59
 4123039.92       49.70457  (17120508)
       593047.59   4123039.92       50.81006  (17120508)                593087.59
 4123039.92       51.49244  (17120508)
       593127.59   4123039.92       47.94695  (17120508)                593167.59
 4123039.92       41.53972  (13010808)
       593207.59   4123039.92       45.95757  (13010808)                593247.59
 4123039.92       47.93981  (13010808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 428
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                   INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
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                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593287.59   4123039.92       49.58088  (13010808)               593327.59
 4123039.92       48.43960  (13010808)
        593367.59   4123039.92       47.70220  (13010808)               593407.59
 4123039.92       44.81996  (15021808)
        593447.59   4123039.92       48.01666  (15021808)               593487.59
 4123039.92       50.78169  (13010108)
        593527.59   4123039.92       54.71229  (13010108)               593567.59
 4123039.92       60.62007  (13012508)
        593607.59   4123039.92       73.15820  (13012508)               593647.59
 4123039.92       81.74801  (13012508)
        593687.59   4123039.92       85.14639  (13012608)               593727.59
 4123039.92       81.01968  (13012608)
        593767.59   4123039.92       75.61536  (17021008)               593807.59
 4123039.92       76.16157  (14122408)
        593847.59   4123039.92       74.82914  (13111408)               593887.59
 4123039.92       71.82762  (13111408)
        593927.59   4123039.92       67.33346  (16123008)               593967.59
 4123039.92       66.70267  (16123008)
        594007.59   4123039.92       62.82365  (16123008)               592567.59
 4123079.92       28.27364  (14122708)
        592607.59   4123079.92       33.56412  (14122708)               592647.59
 4123079.92       38.22236  (14122708)
        592687.59   4123079.92       40.36532  (14122708)               592727.59
 4123079.92       41.96360  (14122708)
        592767.59   4123079.92       42.84647  (14122708)               592807.59
 4123079.92       43.26835  (14122708)
        592847.59   4123079.92       43.18800  (14122708)               592887.59
 4123079.92       42.39759  (14122708)
        592927.59   4123079.92       43.45380  (15013008)               592967.59
 4123079.92       47.74336  (15013008)
        593007.59   4123079.92       50.32881  (15013008)               593047.59
 4123079.92       52.51944  (17120508)
        593087.59   4123079.92       54.42469  (17120508)               593127.59
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 4123079.92       53.49905  (17120508)
       593167.59   4123079.92       48.99236  (17120508)                593207.59
 4123079.92       47.16850  (13010808)
       593247.59   4123079.92       50.57773  (13010808)                593287.59
 4123079.92       53.29950  (13010808)
       593327.59   4123079.92       53.33456  (13010808)                593367.59
 4123079.92       54.76190  (13010808)
       593407.59   4123079.92       53.91608  (13010808)                593447.59
 4123079.92       52.19999  (15021808)
       593487.59   4123079.92       55.77075  (13010108)                593527.59
 4123079.92       61.68898  (13010108)
       593567.59   4123079.92       70.81982  (13012508)                593607.59
 4123079.92       85.45750  (13012508)
       593647.59   4123079.92       93.21142  (13012508)                593687.59
 4123079.92       95.37783  (13012608)
       593727.59   4123079.92       85.71403  (17021008)                593767.59
 4123079.92       86.71527  (14122408)
       593807.59   4123079.92       85.42998  (13111408)                593847.59
 4123079.92       81.55384  (13111408)
       593887.59   4123079.92       77.06079  (16123008)                593927.59
 4123079.92       75.26557  (16123008)
       593967.59   4123079.92       69.51867  (14010808)                594007.59
 4123079.92       62.51104  (14010808)
       592567.59   4123119.92       28.59120  (15020208)                592607.59
 4123119.92       29.85828  (15020208)
       592647.59   4123119.92       35.61525  (16112408)                592687.59
 4123119.92       38.29351  (14122708)
       592727.59   4123119.92       41.33977  (14122708)                592767.59
 4123119.92       43.81727  (14122708)
       592807.59   4123119.92       45.98075  (14122708)                592847.59
 4123119.92       47.60315  (14122708)
       592887.59   4123119.92       48.32401  (14122708)                592927.59
 4123119.92       48.16336  (14122708)
       592967.59   4123119.92       47.69393  (14122708)                593007.59
 4123119.92       48.77241  (15013008)
       593047.59   4123119.92       52.84586  (15013008)                593087.59
 4123119.92       55.27146  (15013008)
       593127.59   4123119.92       53.36356  (17120508)                593167.59
 4123119.92       53.52007  (17120508)
       593207.59   4123119.92       51.86852  (17120508)                593247.59
 4123119.92       52.99409  (13010808)
       593287.59   4123119.92       56.85287  (13010808)                593327.59
 4123119.92       57.53502  (13010808)
       593367.59   4123119.92       60.64945  (13010808)                593407.59
 4123119.92       63.21329  (13010808)
       593447.59   4123119.92       62.89935  (13010808)                593487.59
 4123119.92       62.72985  (15021808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P1ON ***
INCLUDING SOURCE(S): L0005351 , L0005352 , L0005353 , L0005354 , L0005355 ,
L0005356 , L0005357 , L0005358 , L0005359 , L0005360 , L0005361 , L0005362 , L0005363 ,
L0005364 , L0005365 , L0005366 , L0005367 , L0005368 , L0005369 , L0005370 , L0005371 ,
L0005372 , L0005373 , L0005374 , L0005375 , L0005376 , L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593527.59	4123119.92	70.41666	(13010108)	593567.59	4123119.92	83.89173	(13012508)
593607.59	4123119.92	101.60792	(13012508)	593647.59	4123119.92	109.49405	(13012608)
593687.59	4123119.92	105.31111	(13012608)	593727.59	4123119.92	100.37740	(14122408)
593767.59	4123119.92	99.30512	(13111408)	593807.59	4123119.92	94.16474	(13111408)
593847.59	4123119.92	89.32795	(16123008)	593887.59	4123119.92	85.45342	(16123008)
593927.59	4123119.92	77.77364	(14010808)	593967.59	4123119.92	68.46973	(17112408)
594007.59	4123119.92	67.34257	(17112408)	592567.59	4123159.92	29.27422	(15012408)
592607.59	4123159.92	29.89858	(15012408)	592647.59	4123159.92	31.53052	(15012408)
592687.59	4123159.92	39.50513	(16112408)	592727.59	4123159.92	41.86086	(16112408)
592767.59	4123159.92	42.86695	(16112408)	592807.59	4123159.92	44.69745	(14122708)
592847.59	4123159.92	48.16172	(14122708)	592887.59	4123159.92	50.78459	(14122708)
592927.59	4123159.92	52.07561	(14122708)	592967.59	4123159.92	53.42098	(14122708)

593007.59 4123159.92 53.48896 (14122708) 593047.59
4123159.92 54.37400 (14122708)
593087.59 4123159.92 56.01123 (15013008) 593127.59
4123159.92 57.57771 (15013008)
593167.59 4123159.92 58.59001 (15013008) 593207.59
4123159.92 58.98819 (17120508)
593247.59 4123159.92 57.15790 (17120508) 593287.59
4123159.92 60.06162 (13010808)
593327.59 4123159.92 62.34271 (13010808) 593367.59
4123159.92 66.02149 (13010808)
593407.59 4123159.92 70.52988 (13010808) 593447.59
4123159.92 74.97401 (13010808)
593487.59 4123159.92 75.56538 (13010808) 593527.59
4123159.92 81.78085 (13010108)
593567.59 4123159.92 102.27639 (13012508) 593607.59
4123159.92 123.53427 (13012508)
593647.59 4123159.92 128.82135 (13012608) 593687.59
4123159.92 119.15595 (14122408)
593727.59 4123159.92 118.59311 (14122408) 593767.59
4123159.92 110.80160 (13111408)
593807.59 4123159.92 105.51248 (16123008) 593847.59
4123159.92 97.95894 (16123008)
593887.59 4123159.92 87.32055 (14010808) 593927.59
4123159.92 81.19430 (17112408)
593967.59 4123159.92 77.07364 (17112408) 594007.59
4123159.92 70.92434 (17112408)
592567.59 4123199.92 30.07221 (15012408) 592607.59
4123199.92 30.72122 (15012408)
592647.59 4123199.92 31.90725 (15012408) 592687.59
4123199.92 37.74577 (15012408)
592727.59 4123199.92 42.13766 (15012408) 592767.59
4123199.92 44.09778 (16112408)
592807.59 4123199.92 46.12460 (16112408) 592847.59
4123199.92 45.89719 (16112408)
592887.59 4123199.92 46.63503 (15020208) 592927.59
4123199.92 49.50954 (14122708)
592967.59 4123199.92 51.95108 (14122708) 593007.59
4123199.92 55.84097 (14122708)
593047.59 4123199.92 56.46549 (14122708) 593087.59
4123199.92 55.89453 (14122708)
593127.59 4123199.92 58.01217 (15013008) 593167.59
4123199.92 62.84489 (15013008)
593207.59 4123199.92 65.81917 (15013008) 593247.59
4123199.92 66.04706 (17120508)
593287.59 4123199.92 66.82319 (17120508) 593327.59
4123199.92 68.94519 (13010808)
593367.59 4123199.92 72.29805 (13010808) 593407.59
4123199.92 76.80216 (13010808)
593447.59 4123199.92 85.18216 (13010808) 593487.59
4123199.92 96.56832 (13010808)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P1ON   ***
                                  INCLUDING SOURCE(S):   L0005351   , L0005352
 , L0005353   , L0005354   , L0005355   ,
                 L0005356   , L0005357   , L0005358   , L0005359   , L0005360
 , L0005361   , L0005362   , L0005363   ,
                 L0005364   , L0005365   , L0005366   , L0005367   , L0005368
 , L0005369   , L0005370   , L0005371   ,
                 L0005372   , L0005373   , L0005374   , L0005375   , L0005376
 , L0005377   , L0005378   , . . .   ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       593767.59   4123199.92   126.00572 (16123008)   593807.59
 4123199.92   113.77266 (16123008)
       593847.59   4123199.92   101.38580 (17112408)   593887.59
 4123199.92   95.94677 (17112408)
       593927.59   4123199.92   87.79014 (17112408)   593967.59
 4123199.92   77.63953 (17112408)
       594007.59   4123199.92   66.57724 (17112408)   592567.59
 4123239.92   29.13075 (15012408)
       592607.59   4123239.92   29.84594 (15012408)   592647.59
 4123239.92   28.82036 (17011608)
       592687.59   4123239.92   31.51348 (15012408)   592727.59
 4123239.92   40.53151 (15012408)
       592767.59   4123239.92   46.45468 (15012408)   592807.59
 4123239.92   48.60288 (15012408)
       592847.59   4123239.92   49.77949 (15012408)   592887.59

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4123239.92       52.88271  (15012408)
       592927.59   4123239.92       52.92696  (15012408)                592967.59
4123239.92       51.27022  (15012408)
       593007.59   4123239.92       52.16612  (15020208)                593047.59
4123239.92       54.17019  (14122708)
       593087.59   4123239.92       58.78118  (14122708)                593127.59
4123239.92       61.68531  (14122708)
       593167.59   4123239.92       63.45286  (14122708)                593207.59
4123239.92       71.10344  (15013008)
       593247.59   4123239.92       75.23803  (15013008)                593287.59
4123239.92       77.92083  (15013008)
       593327.59   4123239.92       79.58837  (17120508)                593367.59
4123239.92       82.67975  (13010808)
       593407.59   4123239.92       86.67334  (13010808)                593447.59
4123239.92       93.96656  (13010808)
       593487.59   4123239.92      111.71056  (13010808)                593527.59
4123239.92      140.42833  (13010808)
       593567.59   4123239.92      188.12334  (13012508)                593607.59
4123239.92      196.53721  (13012608)
       593647.59   4123239.92      199.29132  (14122408)                593687.59
4123239.92      174.03352  (16123008)
       593727.59   4123239.92      153.01395  (16123008)                593767.59
4123239.92      134.02537  (16123008)
       593807.59   4123239.92      124.26943  (17112408)                593847.59
4123239.92      113.23632  (17112408)
       593887.59   4123239.92       99.55382  (17112408)                593927.59
4123239.92       84.19757  (17112408)
       593967.59   4123239.92       78.61280  (14122208)                594007.59
4123239.92       73.09301  (14122208)
       592567.59   4123279.92       28.85795  (17112908)                592607.59
4123279.92       27.31939  (17112908)
       592647.59   4123279.92       27.13162  (14112408)                592687.59
4123279.92       29.03754  (17011608)
       592727.59   4123279.92       32.46940  (14112408)                592767.59
4123279.92       41.50144  (15012408)
       592807.59   4123279.92       47.31459  (15012408)                592847.59
4123279.92       50.52805  (15012408)
       592887.59   4123279.92       56.72376  (15012408)                592927.59
4123279.92       56.80668  (15012408)
       592967.59   4123279.92       56.77806  (15012408)                593007.59
4123279.92       57.18894  (15012408)
       593047.59   4123279.92       57.63971  (15012408)                593087.59
4123279.92       60.89001  (17011308)
       593127.59   4123279.92       62.80711  (14122708)                593167.59
4123279.92       67.96046  (14122708)
       593207.59   4123279.92       75.73925  (14122708)                593247.59
4123279.92       83.00608  (15013008)
       593287.59   4123279.92       92.53151  (15013008)                593327.59
4123279.92       97.55533  (15013008)
       593367.59   4123279.92      100.41040  (17120508)                593407.59
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 4123279.92      104.44914  (17120508)
       593447.59   4123279.92      115.33368  (13012508)                593487.59
 4123279.92      130.56630  (13012508)
       593527.59   4123279.92      169.60572  (13010808)                593567.59
 4123279.92      199.99421  (13012508)
       593607.59   4123279.92      237.67380  (14122408)                593647.59
 4123279.92      253.61148  (15112308)
       593687.59   4123279.92      194.46171  (17112408)                593727.59
 4123279.92      172.85138  (17112408)
       593767.59   4123279.92      153.94472  (17112408)                593807.59
 4123279.92      133.51041  (17112408)
       593847.59   4123279.92      112.10281  (17112408)                593887.59
 4123279.92      101.51510  (14122208)
       593927.59   4123279.92       91.61326  (14122208)                593967.59
 4123279.92       80.98560  (14122208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 431
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       594007.59   4123279.92       71.91578  (13112208)                592567.59
 4123319.92       25.35412  (17112908)
       592607.59   4123319.92       25.98372  (17112908)                592647.59
 4123319.92       26.77710  (17112908)
       592687.59   4123319.92       28.27550  (17112908)                592727.59
 4123319.92       30.24255  (17112908)
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592767.59 4123319.92 35.08950 (17112908) 592807.59
4123319.92 47.53467 (17112908)
592847.59 4123319.92 51.23751 (17112908) 592887.59
4123319.92 56.53099 (17112908)
592927.59 4123319.92 54.67301 (17112908) 592967.59
4123319.92 56.05559 (17112908)
593007.59 4123319.92 57.29386 (15012408) 593047.59
4123319.92 60.37983 (17011608)
593087.59 4123319.92 64.72147 (17011608) 593127.59
4123319.92 68.80573 (17011608)
593167.59 4123319.92 75.74997 (17011308) 593207.59
4123319.92 85.49549 (17011308)
593247.59 4123319.92 93.69190 (14122708) 593287.59
4123319.92 107.12224 (14122708)
593327.59 4123319.92 125.48001 (15013008) 593367.59
4123319.92 134.84287 (17120508)
593407.59 4123319.92 139.61019 (17120508) 593447.59
4123319.92 154.28055 (13012508)
593487.59 4123319.92 169.07209 (13012508) 593527.59
4123319.92 209.78470 (13030208)
593567.59 4123319.92 252.96801 (13030208) 593607.59
4123319.92 251.57347 (15112308)
593647.59 4123319.92 236.36807 (17112408) 593687.59
4123319.92 248.17549 (17112408)
593727.59 4123319.92 201.48644 (17112408) 593767.59
4123319.92 161.05361 (17112408)
593807.59 4123319.92 136.29514 (14122208) 593847.59
4123319.92 119.09877 (14122208)
593887.59 4123319.92 102.76453 (16021308) 593927.59
4123319.92 93.58848 (16021308)
593967.59 4123319.92 84.76932 (16021308) 594007.59
4123319.92 77.37913 (16021308)
592567.59 4123359.92 24.35080 (14121208) 592607.59
4123359.92 25.19852 (14121208)
592647.59 4123359.92 25.99797 (14121208) 592687.59
4123359.92 27.38877 (14121208)
592727.59 4123359.92 28.81259 (14121208) 592767.59
4123359.92 31.01613 (17112908)
592807.59 4123359.92 38.59542 (17112908) 592847.59
4123359.92 47.74012 (17112908)
592887.59 4123359.92 51.96184 (17112908) 592927.59
4123359.92 48.70262 (17112908)
592967.59 4123359.92 52.40199 (17112908) 593007.59
4123359.92 55.06265 (17112908)
593047.59 4123359.92 59.37208 (17112908) 593087.59
4123359.92 64.00056 (17011608)
593127.59 4123359.92 71.11033 (17011608) 593167.59
4123359.92 81.52372 (17011608)
593207.59 4123359.92 94.43949 (17011608) 593247.59
4123359.92 110.58457 (17011608)

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       593287.59   4123359.92      132.10527  (17011608)               593327.59
 4123359.92      164.75420  (17011308)
       593367.59   4123359.92      179.35786  (15012408)               593407.59
 4123359.92      188.86211  (14122708)
       593447.59   4123359.92      207.72046  (13030208)               593487.59
 4123359.92      245.49118  (13030208)
       593527.59   4123359.92      285.92488  (13030208)               593567.59
 4123359.92      275.27809  (13030208)
       593607.59   4123359.92      280.84646  (13030208)               593647.59
 4123359.92      257.14929  (13030208)
       593687.59   4123359.92      229.40841  (17112408)               593727.59
 4123359.92      206.68311  (17112408)
       593767.59   4123359.92      173.33477  (16021308)               593807.59
 4123359.92      149.40177  (16021308)
       593847.59   4123359.92      128.19688  (16021308)               593887.59
 4123359.92      109.95386  (16021308)
       593927.59   4123359.92       94.66463  (16021308)               593967.59
 4123359.92       81.70761  (16021308)
       594007.59   4123359.92       70.96245  (16021308)               592567.59
 4123399.92       26.07530  (14121208)
       592607.59   4123399.92       26.63290  (14121208)               592647.59
 4123399.92       27.68471  (14121208)
       592687.59   4123399.92       29.43930  (14121208)               592727.59
 4123399.92       30.36347  (14121208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 432
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
- -
- -
592767.59   4123399.92   32.49746 (14121208)   592807.59
4123399.92   36.93794 (14121208)
592847.59   4123399.92   46.22601 (14121208)   592887.59
4123399.92   51.09024 (14121208)
592927.59   4123399.92   51.87469 (14121208)   592967.59
4123399.92   53.69190 (14121208)
593007.59   4123399.92   58.21699 (14121208)   593047.59
4123399.92   63.89462 (14121208)
593087.59   4123399.92   67.92578 (14121208)   593127.59
4123399.92   76.23853 (14121208)
593167.59   4123399.92   85.76831 (14121208)   593207.59
4123399.92   99.89479 (14121208)
593247.59   4123399.92   118.84973 (14121208)   593287.59
4123399.92   145.73028 (14121208)
593327.59   4123399.92   189.50677 (14121208)   593367.59
4123399.92   217.86161 (14121208)
593407.59   4123399.92   246.40580 (13030208)   593447.59
4123399.92   283.62459 (13030208)
593487.59   4123399.92   335.63621 (13030208)   593527.59
4123399.92   357.93755 (13030208)
593567.59   4123399.92   307.64266 (13030208)   593607.59
4123399.92   295.74229 (13030208)
593647.59   4123399.92   306.19802 (13030208)   593687.59
4123399.92   262.92880 (14020308)
593727.59   4123399.92   250.38109 (16021308)   593767.59
4123399.92   184.30546 (16021308)
593807.59   4123399.92   138.43625 (16021308)   593847.59
4123399.92   108.38040 (16021308)
593887.59   4123399.92   89.43687 (15112608)   593927.59
4123399.92   76.93173 (15112608)
593967.59   4123399.92   67.39670 (15112608)   594007.59
4123399.92   59.97132 (15112608)
592567.59   4123439.92   25.45914 (14121208)   592607.59
4123439.92   26.33507 (14121208)
592647.59   4123439.92   27.19032 (17121908)   592687.59
4123439.92   28.66718 (17121908)
592727.59   4123439.92   30.48554 (17121908)   592767.59
4123439.92   32.71484 (13012808)
592807.59   4123439.92   35.31101 (13012808)   592847.59
4123439.92   42.02254 (14121208)
592887.59   4123439.92   48.53646 (14121208)   592927.59
4123439.92   50.45609 (14121208)
592967.59   4123439.92   53.26297 (17121908)   593007.59
4123439.92   57.99773 (13012808)
593047.59   4123439.92   63.26678 (13012808)   593087.59
4123439.92   70.67670 (13012808)
593127.59   4123439.92   81.32599 (13012808)   593167.59

```
 4123439.92       89.57293  (13012808)
       593207.59   4123439.92      104.84362  (13012808)                593247.59
 4123439.92      125.17740  (13012808)
       593287.59   4123439.92      161.94378  (15112108)                593327.59
 4123439.92      223.33671  (15112108)
       593367.59   4123439.92      253.54305  (15112108)                593407.59
 4123439.92      274.62788  (13030208)
       593447.59   4123439.92      296.12298  (13030208)                593487.59
 4123439.92      313.23924  (13030208)
       593527.59   4123439.92      307.69671  (13030208)                593567.59
 4123439.92      296.22468  (13030208)
       593607.59   4123439.92      252.94992  (13030208)                593647.59
 4123439.92      241.37900  (13030208)
       593687.59   4123439.92      215.79397  (17112108)                593727.59
 4123439.92      184.55135  (17112208)
       593767.59   4123439.92      133.17741  (17112108)                593807.59
 4123439.92      106.10707  (17112108)
       593847.59   4123439.92       88.55602  (17112108)                593887.59
 4123439.92       76.40585  (15112608)
       593927.59   4123439.92       67.54834  (15112608)                593967.59
 4123439.92       60.34433  (15112608)
       594007.59   4123439.92       54.41186  (15112608)                592567.59
 4123479.92       24.10755  (13012808)
       592607.59   4123479.92       25.58330  (13012808)                592647.59
 4123479.92       27.10272  (13012808)
       592687.59   4123479.92       28.75742  (16010508)                592727.59
 4123479.92       30.68127  (16010508)
       592767.59   4123479.92       32.82653  (16010508)                592807.59
 4123479.92       35.14974  (16010508)
       592847.59   4123479.92       38.52226  (16010508)                592887.59
 4123479.92       44.77987  (16010508)
       592927.59   4123479.92       48.37962  (16122208)                592967.59
 4123479.92       52.49029  (16122208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 433
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
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, L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	56.90508	(16122808)	593047.59	4123479.92	62.22501	(16122808)
593087.59	4123479.92	68.12393	(17012608)	593127.59	4123479.92	81.50588	(15112108)
593167.59	4123479.92	100.29208	(15112108)	593207.59	4123479.92	123.89617	(15112108)
593247.59	4123479.92	153.96873	(15112108)	593287.59	4123479.92	194.53062	(15112108)
593327.59	4123479.92	256.22681	(15112108)	593367.59	4123479.92	278.96391	(14120908)
593407.59	4123479.92	261.11131	(14011308)	593447.59	4123479.92	242.92731	(15120108)
593487.59	4123479.92	224.41023	(15111308)	593527.59	4123479.92	207.11569	(13030208)
593567.59	4123479.92	199.56503	(17101908)	593607.59	4123479.92	194.63402	(17101908)
593647.59	4123479.92	186.35994	(17101908)	593687.59	4123479.92	160.71140	(17101908)
593727.59	4123479.92	139.02629	(13121908)	593767.59	4123479.92	122.77365	(15121908)
593807.59	4123479.92	104.66241	(17112208)	593847.59	4123479.92	88.35397	(17112208)
593887.59	4123479.92	73.95203	(13011408)	593927.59	4123479.92	62.35247	(13011408)
593967.59	4123479.92	52.62399	(15110208)	594007.59	4123479.92	47.84719	(17112108)
592567.59	4123519.92	23.72449	(16122208)	592607.59	4123519.92	24.96842	(16122208)
592647.59	4123519.92	26.44846	(16122208)	592687.59	4123519.92	27.92196	(16122208)
592727.59	4123519.92	29.76700	(17012608)	592767.59	4123519.92	32.07616	(17012608)
592807.59	4123519.92	34.57119	(17012608)	592847.59	4123519.92	37.63651	(17012608)
592887.59	4123519.92	42.43042	(16122808)	592927.59	4123519.92	47.50432	(16122808)
592967.59	4123519.92	52.24695	(15112108)	593007.59	4123519.92	60.93739	(15112108)

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       593047.59   4123519.92       71.34583  (15112108)               593087.59
 4123519.92       83.60288  (15112108)
       593127.59   4123519.92       97.61035  (15112108)               593167.59
 4123519.92      114.18851  (17120708)
       593207.59   4123519.92      132.64133  (13121608)               593247.59
 4123519.92      154.29359  (13121608)
       593287.59   4123519.92      179.47541  (15120808)               593327.59
 4123519.92      201.84896  (14112808)
       593367.59   4123519.92      203.42921  (15121108)               593407.59
 4123519.92      192.25903  (14121308)
       593447.59   4123519.92      182.70409  (14122008)               593487.59
 4123519.92      174.70223  (14112008)
       593527.59   4123519.92      162.37896  (17101908)               593567.59
 4123519.92      157.29037  (17101908)
       593607.59   4123519.92      152.58863  (17101908)               593647.59
 4123519.92      146.92335  (17101908)
       593687.59   4123519.92      122.58075  (17101908)               593727.59
 4123519.92      113.85485  (17010508)
       593767.59   4123519.92      107.11790  (13121908)               593807.59
 4123519.92       95.91554  (13122008)
       593847.59   4123519.92       83.45572  (13122008)               593887.59
 4123519.92       72.40535  (17112208)
       593927.59   4123519.92       64.66154  (17112208)               593967.59
 4123519.92       56.88832  (13011408)
       594007.59   4123519.92       50.33461  (13011408)               592567.59
 4123559.92       24.96220  (16122808)
       592607.59   4123559.92       25.07984  (17012608)               592647.59
 4123559.92       26.34761  (17012608)
       592687.59   4123559.92       27.96960  (17012608)               592727.59
 4123559.92       29.69882  (17012608)
       592767.59   4123559.92       31.96226  (15112108)               592807.59
 4123559.92       36.55755  (15112108)
       592847.59   4123559.92       41.78805  (15112108)               592887.59
 4123559.92       47.69665  (15112108)
       592927.59   4123559.92       54.23038  (15112108)               592967.59
 4123559.92       61.21286  (15112108)
       593007.59   4123559.92       68.55211  (15112108)               593047.59
 4123559.92       76.89616  (17120708)
       593087.59   4123559.92       85.74017  (17120708)               593127.59
 4123559.92       96.12213  (13121608)
       593167.59   4123559.92      105.84289  (13121608)               593207.59
 4123559.92      119.33468  (15120808)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P1ON ***

INCLUDING SOURCE(S): L0005351 , L0005352 , L0005353 , L0005354 , L0005355 , L0005356 , L0005357 , L0005358 , L0005359 , L0005360 , L0005361 , L0005362 , L0005363 , L0005364 , L0005365 , L0005366 , L0005367 , L0005368 , L0005369 , L0005370 , L0005371 , L0005372 , L0005373 , L0005374 , L0005375 , L0005376 , L0005377 , L0005378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	132.25538	(17122908)	593287.59	4123559.92	146.22516	(17121108)
593327.59	4123559.92	152.51840	(17120608)	593367.59	4123559.92	149.54070	(14013108)
593407.59	4123559.92	146.35808	(16010808)	593447.59	4123559.92	142.45386	(14112008)
593487.59	4123559.92	140.18493	(14112008)	593527.59	4123559.92	130.48411	(16111708)
593567.59	4123559.92	126.61896	(14120208)	593607.59	4123559.92	122.57862	(14120208)
593647.59	4123559.92	115.51659	(14120208)	593687.59	4123559.92	98.18391	(16011108)
593727.59	4123559.92	93.66199	(17010508)	593767.59	4123559.92	89.34805	(15011008)
593807.59	4123559.92	83.31503	(13121908)	593847.59	4123559.92	76.82114	(13121908)
593887.59	4123559.92	69.66560	(13122008)	593927.59	4123559.92	61.55321	(15121908)
593967.59	4123559.92	54.55314	(17112208)	594007.59	4123559.92	50.29067	(17112208)
592567.59	4123599.92	23.71616	(14012408)	592607.59	4123599.92	24.90240	(14012408)
592647.59	4123599.92	27.49663	(15112108)	592687.59	4123599.92	30.89032	(15112108)
592727.59	4123599.92	34.65189	(15112108)	592767.59	4123599.92	38.72962	(15112108)
592807.59	4123599.92	43.13271	(15112108)	592847.59	4123599.92	47.52665	(15112108)
592887.59	4123599.92	51.84675	(15112108)	592927.59			

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4123599.92       56.39254  (17120708)
       592967.59   4123599.92       61.49117  (17120708)                593007.59
4123599.92       67.26098  (13121608)
       593047.59   4123599.92       73.63031  (13121608)                593087.59
4123599.92       79.86928  (17121408)
       593127.59   4123599.92       88.60751  (15120808)                593167.59
4123599.92       97.29070  (15120808)
       593207.59   4123599.92      106.56968  (17122508)                593247.59
4123599.92      116.60071  (15120908)
       593287.59   4123599.92      124.17527  (17120608)                593327.59
4123599.92      125.00460  (13121208)
       593367.59   4123599.92      124.41763  (14120108)                593407.59
4123599.92      120.42764  (14122008)
       593447.59   4123599.92      120.44329  (14112008)                593487.59
4123599.92      117.22518  (14120808)
       593527.59   4123599.92      108.33846  (15123108)                593567.59
4123599.92      107.17517  (14120208)
       593607.59   4123599.92      104.45380  (14120208)                593647.59
4123599.92       98.41988  (14120208)
       593687.59   4123599.92       84.09708  (16011108)                593727.59
4123599.92       79.21654  (17010508)
       593767.59   4123599.92       76.84951  (17010508)                593807.59
4123599.92       73.33799  (15011008)
       593847.59   4123599.92       68.48508  (13121908)                593887.59
4123599.92       64.21798  (13121908)
       593927.59   4123599.92       59.46617  (13122008)                593967.59
4123599.92       54.04384  (13122008)
       594007.59   4123599.92       48.61666  (15121908)                593087.59
4123639.92       77.24899  (15120808)
       593127.59   4123639.92       83.88291  (17122908)                593167.59
4123639.92       92.32086  (17122508)
       593207.59   4123639.92       99.70796  (15120908)                593247.59
4123639.92      104.53869  (17120608)
       593287.59   4123639.92      106.45535  (13121208)                593327.59
4123639.92      107.40659  (13121308)
       593367.59   4123639.92      103.10481  (14120108)                593407.59
4123639.92      102.95270  (14112008)
       593447.59   4123639.92      102.79462  (14120808)                593487.59
4123639.92       98.91288  (14120808)
       593527.59   4123639.92       92.74171  (15123108)                593567.59
4123639.92       92.77025  (15010908)
       593607.59   4123639.92       91.59356  (14120208)                593647.59
4123639.92       85.57236  (14120208)
       593687.59   4123639.92       73.56353  (16011108)                593727.59
4123639.92       67.92487  (17010508)
       593767.59   4123639.92       67.75299  (17010508)                593807.59
4123639.92       64.87855  (15122808)
       593847.59   4123639.92       62.34136  (15011008)                593887.59
4123639.92       57.35851  (13121908)
       593927.59   4123639.92       55.24538  (13121908)                593967.59
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4123639.92   50.96458 (13121908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P1ON   ***

INCLUDING SOURCE(S):   L0005351   , L0005352   , L0005353   , L0005354   , L0005355   ,
L0005356   , L0005357   , L0005358   , L0005359   , L0005360   , L0005361   , L0005362   , L0005363   ,
L0005364   , L0005365   , L0005366   , L0005367   , L0005368   , L0005369   , L0005370   , L0005371   ,
L0005372   , L0005373   , L0005374   , L0005375   , L0005376   , L0005377   , L0005378   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123639.92	47.86346	(13122008)	593087.59	4123679.92	73.14731	(17122508)
593127.59	4123679.92	78.97213	(17122508)	593167.59	4123679.92	85.22378	(15120908)
593207.59	4123679.92	88.60674	(17120608)	593247.59	4123679.92	91.03157	(13121208)
593287.59	4123679.92	93.27684	(13121308)	593327.59	4123679.92	91.41428	(14120108)
593367.59	4123679.92	88.80887	(14112008)	593407.59	4123679.92	90.26483	(14112008)
593447.59	4123679.92	90.22882	(14120808)	593487.59	4123679.92	84.50002	(14120808)
593527.59	4123679.92	81.15062	(15123108)	593567.59	4123679.92	82.14867	(15010908)
593607.59	4123679.92	81.48891	(14120208)	593647.59	4123679.92	76.52450	(14120208)
593687.59	4123679.92	65.45180	(16011108)	593727.59	4123679.92	61.35714	(16011108)
593767.59	4123679.92	59.44428	(17010508)	593807.59	4123679.92	58.48510	(17010508)

593847.59 4123679.92 56.10509 (15122808) 593887.59 4123679.92 53.54641 (15011008)
593927.59 4123679.92 49.85683 (15011008) 593967.59 4123679.92 47.84985 (13121908)
594007.59 4123679.92 45.25856 (13121908) 593087.59 4123719.92 68.35946 (17121108)
593127.59 4123719.92 73.94296 (15120908) 593167.59 4123719.92 76.49992 (17120608)
593207.59 4123719.92 78.68786 (13121208) 593247.59 4123719.92 81.31253 (13121308)
593287.59 4123719.92 81.74037 (14120108) 593327.59 4123719.92 78.73007 (14122008)
593367.59 4123719.92 80.19101 (14112008) 593407.59 4123719.92 81.12178 (14120808)
593447.59 4123719.92 79.51874 (14120808) 593487.59 4123719.92 73.61349 (14121008)
593527.59 4123719.92 72.39190 (15010908) 593567.59 4123719.92 74.15825 (15010908)
593607.59 4123719.92 73.34113 (14120208) 593647.59 4123719.92 69.22814 (14120208)
593687.59 4123719.92 59.04056 (16011108) 593727.59 4123719.92 56.23203 (16011108)
593767.59 4123719.92 51.73145 (17010508) 593807.59 4123719.92 52.36819 (17010508)
593847.59 4123719.92 51.10165 (17010508) 593887.59 4123719.92 48.80436 (15122808)
593927.59 4123719.92 47.13900 (15011008) 593967.59 4123719.92 44.01943 (15011008)
594007.59 4123719.92 41.97960 (13121908) 593087.59 4123759.92 65.02883 (15120908)
593127.59 4123759.92 67.07047 (17120608) 593167.59 4123759.92 68.91957 (13121208)
593207.59 4123759.92 70.90432 (13121308) 593247.59 4123759.92 73.02703 (14120108)
593287.59 4123759.92 70.68858 (14122008) 593327.59 4123759.92 71.38923 (13011508)
593367.59 4123759.92 72.47136 (14112008) 593407.59 4123759.92 73.47966 (14120808)
593447.59 4123759.92 70.24031 (14120808) 593487.59 4123759.92 66.12666 (15123108)
593527.59 4123759.92 65.85556 (15010908) 593567.59 4123759.92 67.55733 (15010908)
593607.59 4123759.92 66.96489 (14120208) 593647.59 4123759.92 63.02898 (14120208)
593687.59 4123759.92 53.82944 (14120208) 593727.59 4123759.92 51.89762 (16011108)
593767.59 4123759.92 46.92909 (16011108) 593807.59 4123759.92 46.17836 (17010508)
593847.59 4123759.92 46.52829 (17010508) 593887.59 4123759.92 45.18293 (17010508)

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       593927.59   4123759.92       43.45096  (15122808)                593967.59
 4123759.92       41.86896  (15011008)
       594007.59   4123759.92       39.42462  (15011008)                593087.59
 4123799.92       59.50136  (17120608)
       593127.59   4123799.92       60.97672  (13121208)                593167.59
 4123799.92       62.36194  (13121208)
       593207.59   4123799.92       65.48570  (13121308)                593247.59
 4123799.92       64.61278  (14120108)
       593287.59   4123799.92       63.92016  (13011508)                593327.59
 4123799.92       65.41740  (14112008)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 436
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P1ON     ***
                                  INCLUDING SOURCE(S):     L0005351    , L0005352
 , L0005353    , L0005354    , L0005355    ,
                 L0005356    , L0005357    , L0005358    , L0005359    , L0005360
 , L0005361    , L0005362    , L0005363    ,
                 L0005364    , L0005365    , L0005366    , L0005367    , L0005368
 , L0005369    , L0005370    , L0005371    ,
                 L0005372    , L0005373    , L0005374    , L0005375    , L0005376
 , L0005377    , L0005378    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593367.59   4123799.92       66.82776  (14120808)                593407.59
 4123799.92       66.51747  (14120808)
       593447.59   4123799.92       62.58476  (14121008)                593487.59
 4123799.92       60.32601  (15123108)
       593527.59   4123799.92       60.57647  (15010908)                593567.59
 4123799.92       61.88411  (15010908)
       593607.59   4123799.92       61.69759  (14120208)                593647.59
 4123799.92       58.06982  (14120208)
       593687.59   4123799.92       49.92188  (14120208)                593727.59
 4123799.92       48.19284  (16011108)
       593767.59   4123799.92       44.44840  (16011108)                593807.59
```

4123799.92 40.23050 (17010508)
593847.59 4123799.92 41.83005 (17010508) 593887.59
4123799.92 42.01599 (17010508)
593927.59 4123799.92 40.27646 (17010508) 593967.59
4123799.92 38.83131 (15122808)
594007.59 4123799.92 37.65335 (15011008) 593087.59
4123839.92 54.43599 (13121208)
593127.59 4123839.92 56.13392 (13121208) 593167.59
4123839.92 58.90565 (13121308)
593207.59 4123839.92 59.22761 (14120108) 593247.59
4123839.92 57.81566 (14122008)
593287.59 4123839.92 59.29019 (13011508) 593327.59
4123839.92 60.46027 (14112008)
593367.59 4123839.92 61.83645 (14120808) 593407.59
4123839.92 60.19172 (14120808)
593447.59 4123839.92 57.21494 (14121008) 593487.59
4123839.92 55.39796 (15123108)
593527.59 4123839.92 55.90153 (15010908) 593567.59
4123839.92 57.22005 (15010908)
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4123839.92 53.85250 (14120208)
593687.59 4123839.92 46.76711 (14120208) 593727.59
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4123839.92 37.33965 (16011108)
593847.59 4123839.92 36.96988 (17010508) 593887.59
4123839.92 38.11111 (17010508)
593927.59 4123839.92 37.78635 (17010508) 593967.59
4123839.92 36.18663 (15122808)
594007.59 4123839.92 35.06479 (15122808) 593087.59
4123879.92 50.80972 (13121208)
593127.59 4123879.92 53.02891 (13121308) 593167.59
4123879.92 54.17850 (14120108)
593207.59 4123879.92 52.49417 (14122008) 593247.59
4123879.92 53.58037 (13011508)
593287.59 4123879.92 54.47549 (14112008) 593327.59
4123879.92 55.98074 (14120808)
593367.59 4123879.92 57.08043 (14120808) 593407.59
4123879.92 54.41064 (14120808)
593447.59 4123879.92 52.17744 (14121008) 593487.59
4123879.92 51.12645 (15123108)
593527.59 4123879.92 51.72601 (15010908) 593567.59
4123879.92 53.20557 (15010908)
593607.59 4123879.92 53.01008 (14120208) 593647.59
4123879.92 50.36174 (14120208)
593687.59 4123879.92 44.04125 (14120208) 593727.59
4123879.92 41.39297 (16011108)
593767.59 4123879.92 39.97282 (16011108) 593807.59
4123879.92 36.38782 (16011108)
593847.59 4123879.92 33.27247 (17111408) 593887.59

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 4123879.92       33.99282  (17010508)
       593927.59   4123879.92       34.76187  (17010508)                593967.59
 4123879.92       34.21225  (17010508)
       594007.59   4123879.92       32.93810  (15122808)

↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 437
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P2ON     ***
                                 INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       592567.59   4122799.92       47.70175  (17120508)                592607.59
 4122799.92       42.52662  (17120508)
       592647.59   4122799.92       35.59819  (17120508)                592687.59
 4122799.92       36.70755  (17111108)
       592727.59   4122799.92       42.26798  (17111108)                592767.59
 4122799.92       43.90737  (17111108)
       592807.59   4122799.92       43.74959  (13010808)                592847.59
 4122799.92       58.21330  (13010808)
       592887.59   4122799.92       65.11821  (13010808)                592927.59
 4122799.92       61.41137  (13010808)
       592967.59   4122799.92       53.32298  (15020708)                593007.59
 4122799.92       42.46791  (15020708)
       593047.59   4122799.92       34.78112  (15021808)                593087.59
 4122799.92       53.85495  (15021808)
       593127.59   4122799.92       64.33753  (15021808)                593167.59
 4122799.92       57.10725  (15021808)
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593207.59 4122799.92 48.61726 (13010108) 593247.59
4122799.92 70.41245 (13010108)
593287.59 4122799.92 69.08388 (15011708) 593327.59
4122799.92 64.99045 (17111608)
593367.59 4122799.92 50.73239 (17111608) 593407.59
4122799.92 62.92636 (13030408)
593447.59 4122799.92 86.34072 (13030408) 593487.59
4122799.92 103.82160 (13012508)
593527.59 4122799.92 102.14017 (13012508) 593567.59
4122799.92 105.34804 (13012608)
593607.59 4122799.92 84.14753 (13012608) 593647.59
4122799.92 64.53523 (17021008)
593687.59 4122799.92 77.78135 (17021008) 593727.59
4122799.92 74.68686 (17021008)
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4122799.92 71.61614 (14122408)
593847.59 4122799.92 69.22521 (13111408) 593887.59
4122799.92 63.96592 (13111408)
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4122839.92 38.80919 (17111108)
592767.59 4122839.92 44.11080 (17111108) 592807.59
4122839.92 46.52220 (17111108)
592847.59 4122839.92 50.05588 (13010808) 592887.59
4122839.92 64.12338 (13010808)
592927.59 4122839.92 68.75642 (13010808) 592967.59
4122839.92 62.51888 (13010808)
593007.59 4122839.92 49.99266 (15020708) 593047.59
4122839.92 37.66978 (15020708)
593087.59 4122839.92 50.47338 (15021808) 593127.59
4122839.92 68.05083 (15021808)
593167.59 4122839.92 67.45104 (15021808) 593207.59
4122839.92 48.16628 (13010108)
593247.59 4122839.92 75.21491 (13010108) 593287.59
4122839.92 77.10058 (13010108)
593327.59 4122839.92 71.55858 (17111608) 593367.59
4122839.92 54.61399 (17111608)
593407.59 4122839.92 76.43267 (13030408) 593447.59
4122839.92 94.71683 (13030408)
593487.59 4122839.92 118.11857 (13012508) 593527.59
4122839.92 111.35883 (13012608)
593567.59 4122839.92 107.78444 (13012608) 593607.59
4122839.92 73.53948 (13012608)
593647.59 4122839.92 81.62965 (17021008) 593687.59
4122839.92 83.76109 (17021008)

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       593727.59   4122839.92       75.14345  (14122408)                593767.59
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       593807.59   4122839.92       74.85502  (13111408)                593847.59
 4122839.92       69.25498  (13111408)
       593887.59   4122839.92       58.62377  (15013108)                593927.59
 4122839.92       60.66017  (16123008)
       593967.59   4122839.92       62.01238  (16123008)                594007.59
 4122839.92       58.67926  (14010808)
       592567.59   4122879.92       51.23579  (15013008)                592607.59
 4122879.92       53.16297  (17120508)
       592647.59   4122879.92       54.54183  (17120508)                592687.59
 4122879.92       52.84318  (17120508)
       592727.59   4122879.92       45.56402  (17120508)                592767.59
 4122879.92       40.20910  (17111108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 438
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P2ON     ***
                                 INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       592807.59   4122879.92       47.27607  (17111108)                592847.59
 4122879.92       49.31597  (17111108)
       592887.59   4122879.92       54.81684  (13010808)                592927.59
 4122879.92       66.81145  (13010808)
       592967.59   4122879.92       69.64179  (13010808)                593007.59
 4122879.92       60.77997  (13010808)
       593047.59   4122879.92       50.19628  (15020708)                593087.59
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4122879.92 45.04720 (15021808)
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4122879.92 77.48364 (15021808)
593207.59 4122879.92 59.97552 (15021808) 593247.59
4122879.92 80.13008 (13010108)
593287.59 4122879.92 86.74178 (13010108) 593327.59
4122879.92 79.38831 (17111608)
593367.59 4122879.92 58.99662 (17111608) 593407.59
4122879.92 92.04576 (13030408)
593447.59 4122879.92 110.42518 (13012508) 593487.59
4122879.92 128.62716 (13012508)
593527.59 4122879.92 125.92266 (13012608) 593567.59
4122879.92 102.48719 (13012608)
593607.59 4122879.92 83.52422 (17021008) 593647.59
4122879.92 92.84109 (17021008)
593687.59 4122879.92 81.47772 (17021008) 593727.59
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593767.59 4122879.92 81.31237 (13111408) 593807.59
4122879.92 75.28630 (13111408)
593847.59 4122879.92 63.32683 (15013108) 593887.59
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593927.59 4122879.92 66.71992 (16123008) 593967.59
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593167.59 4122919.92 85.87338 (15021808) 593207.59
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593247.59 4122919.92 85.01541 (13010108) 593287.59
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593327.59 4122919.92 88.78311 (17111608) 593367.59
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4122919.92 132.25341 (13012608)
593567.59 4122919.92 89.93652 (13012608) 593607.59

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON   ***
                                    INCLUDING SOURCE(S):   L0006501   , L0006502
 , L0006503   , L0006504   , L0006505   ,
                 L0006506   , L0006507   , L0006508   , L0006509   , L0006510
 , L0006511   , L0006512   , L0006513   ,
                 L0006514   , L0006515   , L0006516   , L0006517   , L0006518
 , L0006519   , L0006520   , L0006521   ,
                 L0006522   , L0006523   , L0006524   , L0006525   , L0006526
 , L0006527   , L0006528   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

- -
593047.59 4122959.92 78.81471 (13010808) 593087.59
4122959.92 66.11455 (15020708)
593127.59 4122959.92 60.60075 (15021808) 593167.59
4122959.92 91.01384 (15021808)
593207.59 4122959.92 92.81365 (15021808) 593247.59
4122959.92 89.60716 (13010108)
593287.59 4122959.92 111.51640 (13010108) 593327.59
4122959.92 100.27730 (17111608)
593367.59 4122959.92 81.23185 (14021209) 593407.59
4122959.92 128.07434 (13030408)
593447.59 4122959.92 158.95028 (13012508) 593487.59
4122959.92 153.42958 (13012608)
593527.59 4122959.92 127.81187 (13012608) 593567.59
4122959.92 108.76520 (17021008)
593607.59 4122959.92 109.04612 (17021008) 593647.59
4122959.92 102.90507 (14122408)
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4122959.92 90.26663 (13111408)
593767.59 4122959.92 78.02313 (16123008) 593807.59
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4122999.92 47.43343 (15013008)
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4122999.92 59.91620 (17111108)
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4122999.92 88.34612 (13010808)
593087.59 4122999.92 86.11536 (13010808) 593127.59
4122999.92 69.70718 (15020708)
593167.59 4122999.92 91.20740 (15021808) 593207.59
4122999.92 110.06301 (15021808)
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4122999.92 127.52525 (13010108)
593327.59 4122999.92 114.52958 (17111608) 593367.59
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593407.59 4122999.92 146.41084 (13030408) 593447.59
4122999.92 176.71902 (13012508)

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       593487.59   4122999.92      166.80642  (13012608)               593527.59
 4122999.92      113.69965  (17021008)
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 4122999.92      114.04827  (14122408)
       593647.59   4122999.92      108.40015  (13111408)               593687.59
 4122999.92       99.72429  (13111408)
       593727.59   4122999.92       88.53916  (16123008)               593767.59
 4122999.92       88.57026  (16123008)
       593807.59   4122999.92       81.64816  (14010808)               593847.59
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       593887.59   4122999.92       60.89189  (14010808)               593927.59
 4122999.92       62.80048  (14011108)
       593967.59   4122999.92       62.36148  (14011108)               594007.59
 4122999.92       59.67876  (14011108)
       592567.59   4123039.92       35.72890  (14122708)               592607.59
 4123039.92       44.95914  (14122708)
       592647.59   4123039.92       45.14361  (14122708)               592687.59
 4123039.92       45.72158  (15013008)
       592727.59   4123039.92       52.98896  (15013008)               592767.59
 4123039.92       58.16223  (15013008)
       592807.59   4123039.92       61.82110  (15013008)               592847.59
 4123039.92       63.62103  (17120508)
       592887.59   4123039.92       64.67517  (17120508)               592927.59
 4123039.92       61.51009  (17120508)
       592967.59   4123039.92       59.94470  (17111108)               593007.59
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       593047.59   4123039.92       87.68726  (13010808)               593087.59
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       593127.59   4123039.92       94.23052  (13010808)               593167.59
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       593207.59   4123039.92      124.41998  (15021808)               593247.59
 4123039.92      108.83202  (15021808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 440
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P2ON     ***
                                INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593287.59	4123039.92	146.69276	(13010108)	593327.59	4123039.92	132.63116	(17111608)
593367.59	4123039.92	135.69557	(13030408)	593407.59	4123039.92	189.48280	(13012508)
593447.59	4123039.92	192.01802	(13012608)	593487.59	4123039.92	164.93116	(13012608)
593527.59	4123039.92	141.55019	(17021008)	593567.59	4123039.92	127.55127	(14122408)
593607.59	4123039.92	121.57696	(13111408)	593647.59	4123039.92	111.04116	(13111408)
593687.59	4123039.92	100.63524	(16123008)	593727.59	4123039.92	97.01653	(16123008)
593767.59	4123039.92	87.54191	(14010808)	593807.59	4123039.92	75.92948	(14010808)
593847.59	4123039.92	70.34721	(14011108)	593887.59	4123039.92	69.86172	(14011108)
593927.59	4123039.92	66.76835	(14011108)	593967.59	4123039.92	61.74191	(14011108)
594007.59	4123039.92	55.53034	(14011108)	592567.59	4123079.92	36.60475	(14122708)
592607.59	4123079.92	41.94497	(14122708)	592647.59	4123079.92	51.17357	(14122708)
592687.59	4123079.92	51.11472	(14122708)	592727.59	4123079.92	49.36486	(14122708)
592767.59	4123079.92	51.25182	(15013008)	592807.59	4123079.92	58.24802	(15013008)
592847.59	4123079.92	63.71003	(15013008)	592887.59	4123079.92	67.02421	(15013008)
592927.59	4123079.92	69.01517	(17120508)	592967.59	4123079.92	71.08401	(17120508)
593007.59	4123079.92	67.68804	(17120508)	593047.59	4123079.92	78.01944	(13010808)
593087.59	4123079.92	103.71320	(13010808)	593127.59	4123079.92	117.93242	(13010808)
593167.59	4123079.92	102.44767	(13010808)	593207.59	4123079.92	131.77832	(15021808)
593247.59	4123079.92	142.56663	(15021808)	593287.59	4123079.92	169.87290	(13010108)
593327.59	4123079.92	156.26147	(17111608)	593367.59			

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 4123079.92      175.69006  (13030408)
       593407.59   4123079.92      233.16090  (13012508)                593447.59
 4123079.92      218.99473  (13012608)
       593487.59   4123079.92      158.83257  (17021008)                593527.59
 4123079.92      150.81976  (17021008)
       593567.59   4123079.92      139.26186  (14122408)                593607.59
 4123079.92      124.82506  (13111408)
       593647.59   4123079.92      114.22836  (16123008)                593687.59
 4123079.92      105.94105  (16123008)
       593727.59   4123079.92       93.58345  (14010808)                593767.59
 4123079.92       80.81670  (14011108)
       593807.59   4123079.92       79.58206  (14011108)                593847.59
 4123079.92       75.34119  (14011108)
       593887.59   4123079.92       69.53571  (14011108)                593927.59
 4123079.92       62.54617  (14011108)
       593967.59   4123079.92       54.48029  (14011108)                594007.59
 4123079.92       49.07557  (14122208)
       592567.59   4123119.92       34.06954  (14122708)                592607.59
 4123119.92       37.47769  (14122708)
       592647.59   4123119.92       45.15831  (14122708)                592687.59
 4123119.92       52.89630  (14122708)
       592727.59   4123119.92       54.61005  (14122708)                592767.59
 4123119.92       54.30882  (14122708)
       592807.59   4123119.92       53.19077  (14122708)                592847.59
 4123119.92       58.18216  (15013008)
       592887.59   4123119.92       64.78618  (15013008)                592927.59
 4123119.92       71.65755  (15013008)
       592967.59   4123119.92       77.99078  (15013008)                593007.59
 4123119.92       82.81543  (17120508)
       593047.59   4123119.92       84.26710  (17120508)                593087.59
 4123119.92       94.57185  (13010808)
       593127.59   4123119.92      124.96386  (13010808)                593167.59
 4123119.92      139.87749  (13010808)
       593207.59   4123119.92      128.99448  (15021808)                593247.59
 4123119.92      178.15568  (15021808)
       593287.59   4123119.92      198.46747  (13010108)                593327.59
 4123119.92      188.17509  (17111608)
       593367.59   4123119.92      223.56782  (13030408)                593407.59
 4123119.92      268.94149  (13012508)
       593447.59   4123119.92      223.92615  (13012608)                593487.59
 4123119.92      182.78237  (17021008)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 441
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: P2ON   ***
                                INCLUDING SOURCE(S):   L0006501   , L0006502
 , L0006503   , L0006504   , L0006505   ,
                 L0006506   , L0006507   , L0006508   , L0006509   , L0006510
 , L0006511   , L0006512   , L0006513   ,
                 L0006514   , L0006515   , L0006516   , L0006517   , L0006518
 , L0006519   , L0006520   , L0006521   ,
                 L0006522   , L0006523   , L0006524   , L0006525   , L0006526
 , L0006527   , L0006528   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        593527.59   4123119.92   162.67927 (14122408)   593567.59
 4123119.92   142.05338 (13111408)
        593607.59   4123119.92   129.46342 (16123008)   593647.59
 4123119.92   115.54848 (16123008)
        593687.59   4123119.92   99.87280 (14010808)   593727.59
 4123119.92   92.62574 (14011108)
        593767.59   4123119.92   86.78567 (14011108)   593807.59
 4123119.92   79.39258 (14011108)
        593847.59   4123119.92   71.10274 (14011108)   593887.59
 4123119.92   62.13063 (14011108)
        593927.59   4123119.92   58.50305 (14122208)   593967.59
 4123119.92   57.60480 (14122208)
        594007.59   4123119.92   56.09906 (14122208)   592567.59
 4123159.92   39.54855 (17011308)
        592607.59   4123159.92   40.66787 (17011308)   592647.59
 4123159.92   41.51602 (17011308)
        592687.59   4123159.92   46.49195 (14122708)   592727.59
 4123159.92   52.24757 (14122708)
        592767.59   4123159.92   55.09521 (14122708)   592807.59
 4123159.92   56.84053 (14122708)
        592847.59   4123159.92   58.33814 (14122708)   592887.59
 4123159.92   59.29737 (14122708)
        592927.59   4123159.92   67.42465 (15013008)   592967.59
 4123159.92   77.52178 (15013008)
        593007.59   4123159.92   87.38358 (15013008)   593047.59
 4123159.92   96.52263 (15013008)
        593087.59   4123159.92   104.19894 (17120508)   593127.59
 4123159.92   116.91530 (13010808)
        593167.59   4123159.92   154.49213 (13010808)   593207.59
 4123159.92   171.02963 (13010808)

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592727.59 4123199.92 51.53921 (17011308) 592767.59 4123199.92 53.25577 (17011308)
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593207.59 4123199.92 201.10426 (13010808) 593247.59 4123199.92 220.71862 (15021808)
593287.59 4123199.92 287.36608 (13010108) 593327.59 4123199.92 306.20057 (15011708)
593367.59 4123199.92 411.91404 (13012508) 593407.59 4123199.92 335.54045 (13012608)
593447.59 4123199.92 245.35285 (14122408) 593487.59 4123199.92 198.67751 (16123008)
593527.59 4123199.92 168.07982 (16123008) 593567.59 4123199.92 139.82073 (16123008)
593607.59 4123199.92 123.51458 (17112408) 593647.59 4123199.92 109.18315 (14011108)
593687.59 4123199.92 96.44455 (14011108) 593727.59 4123199.92 86.48725 (14122208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***
INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 , L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 , L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 , L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	80.79233	(14122208)	593807.59	4123199.92	75.17334	(14122208)
593847.59	4123199.92	69.87309	(14122208)	593887.59	4123199.92	64.73705	(14122208)
593927.59	4123199.92	59.60620	(14122208)	593967.59	4123199.92	55.49565	(13112208)
594007.59	4123199.92	52.06688	(13112208)	592567.59	4123239.92	41.14010	(17011608)
592607.59	4123239.92	43.50467	(17011608)	592647.59	4123239.92	45.95090	(17011608)
592687.59	4123239.92	48.41726	(17011608)	592727.59	4123239.92	50.84865	(17011608)
592767.59	4123239.92	54.72334	(17011308)	592807.59	4123239.92	57.88873	(17011308)
592847.59	4123239.92	61.45242	(17011308)	592887.59	4123239.92	65.84954	(17011308)
592927.59	4123239.92	70.67152	(17011308)	592967.59	4123239.92	76.34905	(17011308)
593007.59	4123239.92	82.53392	(17011308)	593047.59	4123239.92	91.56114	(15013008)
593087.59	4123239.92	108.03091	(15013008)	593127.59			

4123239.92 128.24244 (15013008)
593167.59 4123239.92 158.38026 (15013008) 593207.59
4123239.92 202.61528 (15013008)
593247.59 4123239.92 294.57140 (13010808) 593287.59
4123239.92 410.00546 (15021808)
593327.59 4123239.92 488.80194 (14021209) 593367.59
4123239.92 541.09335 (13012508)
593407.59 4123239.92 336.63711 (14122408) 593447.59
4123239.92 250.21514 (16123008)
593487.59 4123239.92 196.09516 (16123008) 593527.59
4123239.92 160.51006 (17112408)
593567.59 4123239.92 135.82387 (17112408) 593607.59
4123239.92 117.38200 (17112408)
593647.59 4123239.92 103.14905 (14122208) 593687.59
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592727.59 4123279.92 50.60676 (17011608) 592767.59
4123279.92 54.08003 (17011608)
592807.59 4123279.92 57.82423 (17011608) 592847.59
4123279.92 62.04492 (17011608)
592887.59 4123279.92 67.04589 (17011608) 592927.59
4123279.92 72.32886 (17011608)
592967.59 4123279.92 79.11706 (17011608) 593007.59
4123279.92 87.25171 (17011608)
593047.59 4123279.92 97.58352 (17011608) 593087.59
4123279.92 111.11804 (17011608)
593127.59 4123279.92 129.99253 (17011608) 593167.59
4123279.92 157.53506 (17011608)
593207.59 4123279.92 202.46754 (17011308) 593247.59
4123279.92 293.92375 (15013008)
593287.59 4123279.92 528.72707 (14122015) 593327.59
4123279.92 503.51761 (13012508)
593367.59 4123279.92 688.29972 (13012508) 593407.59
4123279.92 338.57839 (14122408)
593447.59 4123279.92 237.60856 (17112408) 593487.59
4123279.92 186.10093 (17112408)
593527.59 4123279.92 152.78429 (17112408) 593567.59
4123279.92 131.95247 (16021308)
593607.59 4123279.92 116.66173 (16021308) 593647.59

4123279.92 104.48295 (16021308)
593687.59 4123279.92 95.23200 (16021308) 593727.59
4123279.92 87.67397 (16021308)
593767.59 4123279.92 81.11990 (16021308) 593807.59
4123279.92 75.54163 (16021308)
593847.59 4123279.92 70.73860 (16021308) 593887.59
4123279.92 66.30984 (16021308)
593927.59 4123279.92 62.30060 (16021308) 593967.59
4123279.92 58.53661 (16021308)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***
INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 ,
L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 ,
L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 ,
L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123279.92	55.19057	(16021308)	592567.59	4123319.92	35.77465	(17112908)
592607.59	4123319.92	37.91373	(17112908)	592647.59	4123319.92	40.22087	(17112908)
592687.59	4123319.92	42.71519	(17112908)	592727.59	4123319.92	45.43443	(17112908)
592767.59	4123319.92	49.59214	(17011608)	592807.59	4123319.92	54.16663	(17011608)
592847.59	4123319.92	59.01589	(17011608)	592887.59	4123319.92	64.16306	(17011608)
592927.59	4123319.92	70.18122	(17011608)	592967.59	4123319.92	76.86617	(17011608)

593007.59 4123319.92 84.77864 (17011608) 593047.59
4123319.92 95.11225 (14121208)
593087.59 4123319.92 110.73830 (14121208) 593127.59
4123319.92 131.91821 (14121208)
593167.59 4123319.92 162.30555 (14121208) 593207.59
4123319.92 210.37344 (14121208)
593247.59 4123319.92 341.64809 (15112108) 593287.59
4123319.92 468.11859 (15012209)
593327.59 4123319.92 625.38074 (13030208) 593367.59
4123319.92 604.40160 (13012608)
593407.59 4123319.92 307.22472 (14122408) 593447.59
4123319.92 225.78549 (17112408)
593487.59 4123319.92 178.95164 (17112408) 593527.59
4123319.92 145.53050 (16021308)
593567.59 4123319.92 126.36346 (16021308) 593607.59
4123319.92 111.96572 (16021308)
593647.59 4123319.92 100.37576 (16021308) 593687.59
4123319.92 91.26428 (16021308)
593727.59 4123319.92 84.01915 (16021308) 593767.59
4123319.92 77.59663 (16021308)
593807.59 4123319.92 71.89788 (16021308) 593847.59
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593887.59 4123319.92 61.69757 (16021308) 593927.59
4123319.92 57.08721 (16021308)
593967.59 4123319.92 52.63062 (16021308) 594007.59
4123319.92 48.66509 (16021308)
592567.59 4123359.92 39.95055 (14121208) 592607.59
4123359.92 42.20306 (14121208)
592647.59 4123359.92 44.67842 (14121208) 592687.59
4123359.92 47.41168 (14121208)
592727.59 4123359.92 50.44907 (14121208) 592767.59
4123359.92 53.83252 (14121208)
592807.59 4123359.92 57.55385 (14121208) 592847.59
4123359.92 61.74138 (14121208)
592887.59 4123359.92 66.64474 (14121208) 592927.59
4123359.92 72.52283 (14121208)
592967.59 4123359.92 79.27245 (14121208) 593007.59
4123359.92 88.06714 (13012808)
593047.59 4123359.92 98.84750 (13012808) 593087.59
4123359.92 112.43630 (16010508)
593127.59 4123359.92 141.05806 (15112108) 593167.59
4123359.92 191.61042 (15112108)
593207.59 4123359.92 250.68999 (14120908) 593247.59
4123359.92 346.43821 (14112808)
593287.59 4123359.92 495.51905 (15111308) 593327.59
4123359.92 566.39918 (17101908)
593367.59 4123359.92 556.04358 (15011709) 593407.59
4123359.92 293.54319 (17112408)
593447.59 4123359.92 207.24841 (17112408) 593487.59
4123359.92 165.80126 (17112408)

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       593527.59   4123359.92      137.63182  (16021308)                593567.59
 4123359.92      119.60446  (16021308)
       593607.59   4123359.92      106.10671  (16021308)                593647.59
 4123359.92       95.32104  (16021308)
       593687.59   4123359.92       86.22195  (16021308)                593727.59
 4123359.92       78.40767  (16021308)
       593767.59   4123359.92       71.06021  (16021308)                593807.59
 4123359.92       64.06294  (16021308)
       593847.59   4123359.92       58.83344  (15112608)                593887.59
 4123359.92       55.27189  (15112608)
       593927.59   4123359.92       52.08116  (15112608)                593967.59
 4123359.92       49.12579  (15112608)
       594007.59   4123359.92       46.42496  (15112608)                592567.59
 4123399.92       41.17300  (17121908)
       592607.59   4123399.92       43.37230  (17121908)                592647.59
 4123399.92       45.75806  (17121908)
       592687.59   4123399.92       48.48536  (13012808)                592727.59
 4123399.92       51.63926  (13012808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 444
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P2ON     ***
                                 INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       592767.59   4123399.92       55.07331  (13012808)                592807.59
 4123399.92       58.80936  (13012808)
       592847.59   4123399.92       62.85693  (16010508)                592887.59
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4123399.92       67.67184  (16010508)
       592927.59   4123399.92       73.15816  (16010508)                592967.59
4123399.92       79.47167  (16010508)
       593007.59   4123399.92       87.45203  (16122808)                593047.59
4123399.92      111.51076  (15112108)
       593087.59   4123399.92      136.02832  (15112108)                593127.59
4123399.92      162.78935  (13121608)
       593167.59   4123399.92      195.10393  (14120908)                593207.59
4123399.92      249.85429  (15120808)
       593247.59   4123399.92      361.39345  (15121108)                593287.59
4123399.92      572.13050  (14112008)
       593327.59   4123399.92      703.57779  (17101908)                593367.59
4123399.92      436.54461  (17122008)
       593407.59   4123399.92      299.41898  (17112408)                593447.59
4123399.92      207.24325  (13121908)
       593487.59   4123399.92      157.47644  (15121908)                593527.59
4123399.92      132.90677  (16021308)
       593567.59   4123399.92      115.13519  (16021308)                593607.59
4123399.92       99.98109  (16021308)
       593647.59   4123399.92       86.55013  (16021308)                593687.59
4123399.92       75.53928  (15112608)
       593727.59   4123399.92       69.46583  (15112608)                593767.59
4123399.92       64.29952  (15112608)
       593807.59   4123399.92       59.75175  (15112608)                593847.59
4123399.92       55.76807  (15112608)
       593887.59   4123399.92       52.16773  (15112608)                593927.59
4123399.92       48.92062  (15112608)
       593967.59   4123399.92       46.05747  (15112608)                594007.59
4123399.92       43.55193  (15112608)
       592567.59   4123439.92       41.89304  (16010508)                592607.59
4123439.92       44.12621  (16010508)
       592647.59   4123439.92       46.51100  (16010508)                592687.59
4123439.92       49.06239  (16010508)
       592727.59   4123439.92       51.81646  (16010508)                592767.59
4123439.92       54.79716  (16010508)
       592807.59   4123439.92       58.06251  (16010508)                592847.59
4123439.92       62.16443  (17012608)
       592887.59   4123439.92       67.03376  (17012608)                592927.59
4123439.92       78.15229  (15112108)
       592967.59   4123439.92       93.31269  (15112108)                593007.59
4123439.92      108.35469  (17120708)
       593047.59   4123439.92      123.84471  (13121608)                593087.59
4123439.92      141.33464  (13121608)
       593127.59   4123439.92      163.62103  (15120808)                593167.59
4123439.92      196.33678  (17122508)
       593207.59   4123439.92      252.61676  (15120908)                593247.59
4123439.92      359.54504  (14013108)
       593287.59   4123439.92      669.82658  (14112008)                593327.59
4123439.92      663.58425  (17101908)
       593367.59   4123439.92      451.00615  (16011108)                593407.59
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 4123439.92      296.53737  (17010508)
       593447.59   4123439.92      207.48749  (15011008)                593487.59
 4123439.92      162.78841  (13121908)
       593527.59   4123439.92      131.79993  (13122008)                593567.59
 4123439.92      107.25741  (15121908)
       593607.59   4123439.92       91.75203  (17112208)                593647.59
 4123439.92       78.82965  (13011408)
       593687.59   4123439.92       68.05307  (15112608)                593727.59
 4123439.92       61.54792  (15112608)
       593767.59   4123439.92       56.14771  (15112608)                593807.59
 4123439.92       51.68029  (15112608)
       593847.59   4123439.92       48.04297  (17112108)                593887.59
 4123439.92       45.40210  (17112108)
       593927.59   4123439.92       43.04176  (17112108)                593967.59
 4123439.92       40.84448  (17112108)
       594007.59   4123439.92       38.79754  (17112108)                592567.59
 4123479.92       40.64256  (16122208)
       592607.59   4123479.92       42.78445  (17012608)                592647.59
 4123479.92       45.64296  (17012608)
       592687.59   4123479.92       48.57442  (17012608)                592727.59
 4123479.92       51.57995  (17012608)
       592767.59   4123479.92       54.67656  (17012608)                592807.59
 4123479.92       60.19319  (15112108)
       592847.59   4123479.92       70.69774  (15112108)                592887.59
 4123479.92       80.65773  (15112108)
       592927.59   4123479.92       91.13123  (17120708)                592967.59
 4123479.92      100.96700  (13121608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 445
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                 L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
                 L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                 L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	112.31267	(13121608)	593047.59	4123479.92	124.47015	(17121408)
593087.59	4123479.92	140.66853	(15120808)	593127.59	4123479.92	164.02315	(17122508)
593167.59	4123479.92	198.87436	(15120908)	593207.59	4123479.92	249.46430	(13121208)
593247.59	4123479.92	352.02229	(14122008)	593287.59	4123479.92	647.18141	(16111708)
593327.59	4123479.92	688.43579	(17101908)	593367.59	4123479.92	466.21451	(16011108)
593407.59	4123479.92	268.97904	(17010508)	593447.59	4123479.92	194.92351	(17010508)
593487.59	4123479.92	153.45243	(15011008)	593527.59	4123479.92	128.05124	(13121908)
593567.59	4123479.92	109.15973	(13122008)	593607.59	4123479.92	92.66197	(15121908)
593647.59	4123479.92	79.63159	(17112208)	593687.59	4123479.92	72.52268	(17112208)
593727.59	4123479.92	65.48043	(13011408)	593767.59	4123479.92	58.54318	(13011408)
593807.59	4123479.92	51.16912	(13011408)	593847.59	4123479.92	45.28401	(15110208)
593887.59	4123479.92	42.99708	(15110208)	593927.59	4123479.92	40.90112	(15110208)
593967.59	4123479.92	38.90787	(15110208)	594007.59	4123479.92	37.05760	(15110208)
592567.59	4123519.92	41.26472	(17012608)	592607.59	4123519.92	43.16082	(17012608)
592647.59	4123519.92	45.79900	(14012408)	592687.59	4123519.92	48.88912	(15112108)
592727.59	4123519.92	56.73579	(15112108)	592767.59	4123519.92	64.36827	(15112108)
592807.59	4123519.92	71.71555	(17120708)	592847.59	4123519.92	79.40480	(17120708)
592887.59	4123519.92	86.13764	(13121608)	592927.59	4123519.92	94.08901	(13121608)
592967.59	4123519.92	101.31900	(17121408)	593007.59	4123519.92	111.57325	(17121408)
593047.59	4123519.92	123.51203	(17122908)	593087.59	4123519.92	141.58621	(17122508)
593127.59	4123519.92	165.65520	(15120908)	593167.59	4123519.92	194.62701	(17120608)
593207.59	4123519.92	247.33147	(13121308)	593247.59	4123519.92	334.62512	(14122008)

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       593287.59   4123519.92      530.43313  (14120808)               593327.59
 4123519.92      714.43753  (17101908)
       593367.59   4123519.92      443.13882  (17101908)               593407.59
 4123519.92      247.11466  (17010508)
       593447.59   4123519.92      185.48538  (17010508)               593487.59
 4123519.92      149.33442  (15122808)
       593527.59   4123519.92      125.94208  (15011008)               593567.59
 4123519.92      110.16088  (13121908)
       593607.59   4123519.92       97.58529  (13122008)               593647.59
 4123519.92       87.25379  (13122008)
       593687.59   4123519.92       75.93947  (15121908)               593727.59
 4123519.92       67.63458  (13011408)
       593767.59   4123519.92       63.06529  (13011408)               593807.59
 4123519.92       57.91577  (13011408)
       593847.59   4123519.92       52.63954  (13011408)               593887.59
 4123519.92       46.82436  (13011408)
       593927.59   4123519.92       41.07052  (13011408)               593967.59
 4123519.92       35.41182  (15110208)
       594007.59   4123519.92       34.21946  (15110208)               592567.59
 4123559.92       41.25353  (14012408)
       592607.59   4123559.92       47.28685  (15112108)               592647.59
 4123559.92       53.30286  (15112108)
       592687.59   4123559.92       58.95928  (15112108)               592727.59
 4123559.92       64.80587  (17120708)
       592767.59   4123559.92       70.42756  (17120708)               592807.59
 4123559.92       75.45175  (13121608)
       592847.59   4123559.92       81.43178  (13121608)               592887.59
 4123559.92       86.54903  (13121608)
       592927.59   4123559.92       93.24008  (17121408)               592967.59
 4123559.92       99.90061  (15120808)
       593007.59   4123559.92      107.67908  (17122908)               593047.59
 4123559.92      120.32483  (17122508)
       593087.59   4123559.92      136.70622  (15120908)               593127.59
 4123559.92      155.55907  (17120608)
       593167.59   4123559.92      184.41828  (13121308)               593207.59
 4123559.92      226.06698  (14120108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 446
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P2ON     ***
                                  INCLUDING SOURCE(S):     L0006501    , L0006502
 , L0006503    , L0006504    , L0006505    ,
                L0006506    , L0006507    , L0006508    , L0006509    , L0006510
 , L0006511    , L0006512    , L0006513    ,
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                L0006514    , L0006515    , L0006516    , L0006517    , L0006518
 , L0006519    , L0006520    , L0006521    ,
                L0006522    , L0006523    , L0006524    , L0006525    , L0006526
 , L0006527    , L0006528    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593247.59   4123559.92      310.79894  (14112008)               593287.59
 4123559.92      392.47679  (16111508)
        593327.59   4123559.92      474.89026  (17101908)               593367.59
 4123559.92      366.54971  (17101908)
        593407.59   4123559.92      241.16915  (16011108)               593447.59
 4123559.92      184.55405  (17010508)
        593487.59   4123559.92      151.15265  (17010508)               593527.59
 4123559.92      127.64590  (15011008)
        593567.59   4123559.92      110.63598  (15011008)               593607.59
 4123559.92       98.59822  (13121908)
        593647.59   4123559.92       88.11146  (13122008)               593687.59
 4123559.92       80.30785  (13122008)
        593727.59   4123559.92       70.86185  (13122008)               593767.59
 4123559.92       63.17617  (15121908)
        593807.59   4123559.92       57.62624  (13011408)               593847.59
 4123559.92       54.53214  (13011408)
        593887.59   4123559.92       50.91643  (13011408)               593927.59
 4123559.92       47.13085  (13011408)
        593967.59   4123559.92       42.88290  (13011408)               594007.59
 4123559.92       38.55235  (13011408)
        592567.59   4123599.92       49.96798  (15112108)               592607.59
 4123599.92       54.25781  (17120708)
        592647.59   4123599.92       59.06962  (17120708)               592687.59
 4123599.92       63.22633  (17120708)
        592727.59   4123599.92       67.24232  (13121608)               592767.59
 4123599.92       71.80408  (13121608)
        592807.59   4123599.92       75.10608  (13121608)               592847.59
 4123599.92       79.27332  (17121408)
        592887.59   4123599.92       83.10637  (15120808)               592927.59
 4123599.92       87.39189  (17122908)
        592967.59   4123599.92       94.07070  (17122508)               593007.59
 4123599.92      104.08584  (17122508)
        593047.59   4123599.92      117.11643  (15120908)               593087.59
 4123599.92      131.46124  (17120608)
        593127.59   4123599.92      150.63073  (13121208)               593167.59
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 4123599.92      181.23668  (14120108)
       593207.59   4123599.92      217.28753  (13011508)                593247.59
 4123599.92      292.01417  (14120808)
       593287.59   4123599.92      323.18887  (16111508)                593327.59
 4123599.92      364.05556  (15010908)
       593367.59   4123599.92      316.56316  (14120208)                593407.59
 4123599.92      241.82228  (16011108)
       593447.59   4123599.92      164.68039  (17111408)                593487.59
 4123599.92      150.03795  (17010508)
       593527.59   4123599.92      126.90845  (15122808)                593567.59
 4123599.92      111.36267  (15011008)
       593607.59   4123599.92       97.04517  (15011008)                593647.59
 4123599.92       88.08517  (13121908)
       593687.59   4123599.92       80.44133  (13121908)                593727.59
 4123599.92       73.73173  (13122008)
       593767.59   4123599.92       67.00501  (13122008)                593807.59
 4123599.92       59.63752  (15121908)
       593847.59   4123599.92       53.93444  (15121908)                593887.59
 4123599.92       49.73084  (17112208)
       593927.59   4123599.92       47.66134  (13011408)                593967.59
 4123599.92       45.19222  (13011408)
       594007.59   4123599.92       42.56581  (13011408)                593087.59
 4123639.92      133.62029  (13121208)
       593127.59   4123639.92      157.50500  (13121308)                593167.59
 4123639.92      178.25093  (14021308)
       593207.59   4123639.92      217.00209  (14112008)                593247.59
 4123639.92      268.05794  (14120808)
       593287.59   4123639.92      280.31243  (15123108)                593327.59
 4123639.92      301.85893  (15010908)
       593367.59   4123639.92      282.54320  (14120208)                593407.59
 4123639.92      210.82382  (16011108)
       593447.59   4123639.92      156.96141  (16011108)                593487.59
 4123639.92      134.23469  (15122608)
       593527.59   4123639.92      124.95710  (17010508)                593567.59
 4123639.92      109.32869  (15122808)
       593607.59   4123639.92       97.81331  (15011008)                593647.59
 4123639.92       86.66050  (15011008)
       593687.59   4123639.92       78.92925  (13121908)                593727.59
 4123639.92       73.54554  (13121908)
       593767.59   4123639.92       67.39987  (13122008)                593807.59
 4123639.92       62.83775  (13122008)
       593847.59   4123639.92       57.03396  (13122008)                593887.59
 4123639.92       51.62155  (15121908)
       593927.59   4123639.92       47.04699  (15121908)                593967.59
 4123639.92       43.48779  (17020108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***
INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 ,
L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 ,
L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 ,
L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123639.92	41.79961	(17112208)	593087.59	4123679.92	138.10315	(13121308)
593127.59	4123679.92	150.32230	(14120108)	593167.59	4123679.92	174.46871	(13011508)
593207.59	4123679.92	205.77513	(17011108)	593247.59	4123679.92	232.41276	(14121008)
593287.59	4123679.92	241.95754	(15123108)	593327.59	4123679.92	249.77768	(15010908)
593367.59	4123679.92	252.20800	(14120208)	593407.59	4123679.92	167.26855	(16011108)
593447.59	4123679.92	161.35187	(16011108)	593487.59	4123679.92	121.66208	(17111408)
593527.59	4123679.92	113.47253	(15122608)	593567.59	4123679.92	106.93856	(17010508)
593607.59	4123679.92	95.67877	(15122808)	593647.59	4123679.92	86.79972	(15011008)
593687.59	4123679.92	78.60417	(15011008)	593727.59	4123679.92	70.00492	(13121908)
593767.59	4123679.92	67.26842	(13121908)	593807.59	4123679.92	62.07816	(13121908)
593847.59	4123679.92	58.17998	(13122008)	593887.59	4123679.92	54.11563	(13122008)
593927.59	4123679.92	49.10204	(13122008)	593967.59	4123679.92	45.44957	(15121908)
594007.59	4123679.92	41.61293	(15121908)	593087.59	4123719.92	132.18009	(14120108)

593127.59 4123719.92 141.52849 (14021308) 593167.59 4123719.92 163.28077 (13011508)
593207.59 4123719.92 194.13512 (14120808) 593247.59 4123719.92 206.66494 (14121008)
593287.59 4123719.92 209.30529 (15123108) 593327.59 4123719.92 210.22866 (15010908)
593367.59 4123719.92 225.16251 (14120208) 593407.59 4123719.92 123.96031 (16011108)
593447.59 4123719.92 151.22159 (16011108) 593487.59 4123719.92 113.96868 (17122008)
593527.59 4123719.92 101.18207 (17111408) 593567.59 4123719.92 97.68639 (15122608)
593607.59 4123719.92 93.27313 (17010508) 593647.59 4123719.92 84.84038 (15122808)
593687.59 4123719.92 77.54149 (15011008) 593727.59 4123719.92 71.50896 (15011008)
593767.59 4123719.92 63.28523 (14013008) 593807.59 4123719.92 60.71455 (13121908)
593847.59 4123719.92 57.71476 (13121908) 593887.59 4123719.92 52.60657 (13122008)
593927.59 4123719.92 50.77058 (13122008) 593967.59 4123719.92 47.37420 (13122008)
594007.59 4123719.92 42.90356 (15121908) 593087.59 4123759.92 122.12287 (14021308)
593127.59 4123759.92 138.78620 (13011508) 593167.59 4123759.92 156.06772 (14112008)
593207.59 4123759.92 174.39176 (14120808) 593247.59 4123759.92 176.74539 (14121008)
593287.59 4123759.92 181.29930 (15123108) 593327.59 4123759.92 183.14093 (16010509)
593367.59 4123759.92 200.51370 (14120208) 593407.59 4123759.92 118.19620 (14120208)
593447.59 4123759.92 131.02754 (16011108) 593487.59 4123759.92 116.65611 (16011108)
593527.59 4123759.92 93.22750 (17111408) 593567.59 4123759.92 86.66703 (15122608)
593607.59 4123759.92 84.87678 (15122608) 593647.59 4123759.92 82.41099 (17010508)
593687.59 4123759.92 75.81610 (15122808) 593727.59 4123759.92 69.37344 (15011008)
593767.59 4123759.92 65.37099 (15011008) 593807.59 4123759.92 58.29826 (14013008)
593847.59 4123759.92 54.14797 (13121908) 593887.59 4123759.92 53.25627 (13121908)
593927.59 4123759.92 49.99021 (13121908) 593967.59 4123759.92 46.63462 (13122008)
594007.59 4123759.92 44.90048 (13122008) 593087.59 4123799.92 114.54104 (15112508)
593127.59 4123799.92 129.76988 (13011508) 593167.59 4123799.92 143.98936 (14120808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P2ON ***
INCLUDING SOURCE(S): L0006501 , L0006502 , L0006503 , L0006504 , L0006505 ,
L0006506 , L0006507 , L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513 ,
L0006514 , L0006515 , L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521 ,
L0006522 , L0006523 , L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	179.01909	(14120208)	593407.59	4123799.92	119.46862	(14120208)
593447.59	4123799.92	106.97425	(16011108)	593487.59	4123799.92	114.47175	(16011108)
593527.59	4123799.92	89.16828	(17122008)	593567.59	4123799.92	82.23971	(17111408)
593607.59	4123799.92	78.55946	(15122608)	593647.59	4123799.92	75.40437	(17010508)
593687.59	4123799.92	73.34433	(17010508)	593727.59	4123799.92	68.33793	(15122808)
593767.59	4123799.92	62.25434	(15011008)	593807.59	4123799.92	59.72355	(15011008)
593847.59	4123799.92	53.95785	(14013008)	593887.59	4123799.92	48.24711	(14013008)
593927.59	4123799.92	48.62229	(13121908)	593967.59	4123799.92	46.86733	(13121908)
594007.59	4123799.92	43.42879	(13121908)	593087.59			

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4123839.92      113.93549  (13011508)
       593127.59   4123839.92      124.08489  (14112008)                593167.59
4123839.92      138.77737  (14120808)
       593207.59   4123839.92      142.09130  (14121008)                593247.59
4123839.92      133.12324  (16111508)
       593287.59   4123839.92      136.45059  (15123108)                593327.59
4123839.92      144.09502  (16010509)
       593367.59   4123839.92      160.13022  (14120208)                593407.59
4123839.92      118.57014  (14120208)
       593447.59   4123839.92       83.16891  (16011108)                593487.59
4123839.92      105.14104  (16011108)
       593527.59   4123839.92       88.39636  (16011108)                593567.59
4123839.92       75.65277  (17122008)
       593607.59   4123839.92       70.99376  (17111408)                593647.59
4123839.92       70.93261  (15122608)
       593687.59   4123839.92       68.27191  (17010508)                593727.59
4123839.92       65.96244  (17010508)
       593767.59   4123839.92       61.74581  (15122808)                593807.59
4123839.92       56.48491  (15122808)
       593847.59   4123839.92       55.03078  (15011008)                593887.59
4123839.92       49.93795  (14013008)
       593927.59   4123839.92       45.45012  (14013008)                593967.59
4123839.92       43.72732  (13121908)
       594007.59   4123839.92       43.52904  (13121908)                593087.59
4123879.92      106.49317  (13011508)
       593127.59   4123879.92      117.12241  (17011108)                593167.59
4123879.92      126.18065  (14120808)
       593207.59   4123879.92      130.28644  (14121008)                593247.59
4123879.92      121.64799  (15123108)
       593287.59   4123879.92      118.89921  (15123108)                593327.59
4123879.92      129.24115  (16010509)
       593367.59   4123879.92      143.22171  (14120208)                593407.59
4123879.92      116.07731  (14120208)
       593447.59   4123879.92       62.25502  (16011108)                593487.59
4123879.92       91.38168  (16011108)
       593527.59   4123879.92       89.50971  (16011108)                593567.59
4123879.92       72.27133  (17122008)
       593607.59   4123879.92       67.69032  (17111408)                593647.59
4123879.92       61.81826  (15121408)
       593687.59   4123879.92       64.12430  (15122608)                593727.59
4123879.92       62.28789  (17010508)
       593767.59   4123879.92       59.38093  (17010508)                593807.59
4123879.92       56.49924  (15122808)
       593847.59   4123879.92       51.92763  (15122808)                593887.59
4123879.92       50.62882  (15011008)
       593927.59   4123879.92       46.58101  (15011008)                593967.59
4123879.92       42.80523  (14013008)
       594007.59   4123879.92       39.08997  (13121908)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                               INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                 L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                 L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                 L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        592567.59   4122799.92   38.04160 (15013008)   592607.59
 4122799.92   41.35442 (15013008)
        592647.59   4122799.92   43.84016 (15013008)   592687.59
 4122799.92   46.48221 (17120508)
        592727.59   4122799.92   48.29868 (17120508)   592767.59
 4122799.92   47.92301 (17120508)
        592807.59   4122799.92   45.19953 (17120508)   592847.59
 4122799.92   41.03455 (17120508)
        592887.59   4122799.92   39.00018 (17111108)   592927.59
 4122799.92   41.82525 (17111108)
        592967.59   4122799.92   46.16482 (13010808)   593007.59
 4122799.92   55.96195 (13010808)
        593047.59   4122799.92   61.27503 (13010808)   593087.59
 4122799.92   61.13391 (13010808)
        593127.59   4122799.92   59.09272 (15020708)   593167.59
 4122799.92   51.04403 (15020708)
        593207.59   4122799.92   44.01719 (15021808)   593247.59
 4122799.92   50.25737 (15021808)
        593287.59   4122799.92   50.88004 (15021808)   593327.59
 4122799.92   54.22019 (13010108)
        593367.59   4122799.92   59.85839 (13010108)   593407.59
 4122799.92   56.65965 (15011708)

593447.59 4122799.92 52.41942 (15011708) 593487.59
4122799.92 43.11538 (13030408)
593527.59 4122799.92 54.21211 (13012508) 593567.59
4122799.92 68.85306 (13012508)
593607.59 4122799.92 73.33354 (13012508) 593647.59
4122799.92 71.47071 (13012608)
593687.59 4122799.92 70.10556 (13012608) 593727.59
4122799.92 60.07392 (13012608)
593767.59 4122799.92 57.75195 (17021008) 593807.59
4122799.92 57.19039 (17021008)
593847.59 4122799.92 56.76497 (14122408) 593887.59
4122799.92 56.35811 (14122408)
593927.59 4122799.92 55.14795 (13111408) 593967.59
4122799.92 51.31735 (13111408)
594007.59 4122799.92 46.28919 (16123008) 592567.59
4122839.92 33.44787 (15013008)
592607.59 4122839.92 38.37006 (15013008) 592647.59
4122839.92 42.98612 (15013008)
592687.59 4122839.92 46.57562 (15013008) 592727.59
4122839.92 49.37501 (17120508)
592767.59 4122839.92 51.69506 (17120508) 592807.59
4122839.92 52.67988 (17120508)
592847.59 4122839.92 51.11038 (17120508) 592887.59
4122839.92 46.66367 (17120508)
592927.59 4122839.92 42.49659 (17111108) 592967.59
4122839.92 45.93933 (17111108)
593007.59 4122839.92 51.72340 (13010808) 593047.59
4122839.92 60.10644 (13010808)
593087.59 4122839.92 67.42027 (13010808) 593127.59
4122839.92 64.90632 (15020708)
593167.59 4122839.92 58.24887 (15020708) 593207.59
4122839.92 45.59269 (15020708)
593247.59 4122839.92 53.11082 (15021808) 593287.59
4122839.92 54.37696 (15021808)
593327.59 4122839.92 54.34153 (13010108) 593367.59
4122839.92 63.52509 (13010108)
593407.59 4122839.92 58.65143 (13010108) 593447.59
4122839.92 54.68685 (15011708)
593487.59 4122839.92 49.28701 (13030408) 593527.59
4122839.92 63.34763 (13012508)
593567.59 4122839.92 76.82727 (13012508) 593607.59
4122839.92 78.45233 (13012508)
593647.59 4122839.92 78.87562 (13012608) 593687.59
4122839.92 72.86378 (13012608)
593727.59 4122839.92 62.38962 (17021008) 593767.59
4122839.92 64.19690 (17021008)
593807.59 4122839.92 62.24681 (14122408) 593847.59
4122839.92 62.87112 (14122408)
593887.59 4122839.92 61.26878 (13111408) 593927.59
4122839.92 57.04843 (13111408)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                                 INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                 L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                 L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                 L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       592807.59   4122879.92   56.08011 (17120508)   592847.59
 4122879.92   57.78813 (17120508)
       592887.59   4122879.92   56.66282 (17120508)   592927.59
 4122879.92   52.30960 (17120508)
       592967.59   4122879.92   46.19564 (17111108)   593007.59
 4122879.92   50.15769 (17111108)
       593047.59   4122879.92   58.40095 (13010808)   593087.59
 4122879.92   70.49652 (13010808)
       593127.59   4122879.92   74.51966 (13010808)   593167.59
 4122879.92   64.28750 (15020708)
       593207.59   4122879.92   57.02729 (15020708)   593247.59
 4122879.92   53.96860 (15021808)
       593287.59   4122879.92   59.62199 (15021808)   593327.59

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4122879.92       56.16134  (15021808)
       593367.59   4122879.92       67.17909  (13010108)                593407.59
4122879.92       65.37742  (13010108)
       593447.59   4122879.92       59.96844  (15011708)                593487.59
4122879.92       56.60032  (13030408)
       593527.59   4122879.92       73.97070  (13012508)                593567.59
4122879.92       84.62167  (13012508)
       593607.59   4122879.92       85.15162  (13012608)                593647.59
4122879.92       85.92893  (13012608)
       593687.59   4122879.92       73.98886  (13012608)                593727.59
4122879.92       71.74405  (17021008)
       593767.59   4122879.92       68.42045  (17021008)                593807.59
4122879.92       70.55731  (14122408)
       593847.59   4122879.92       68.61363  (13111408)                593887.59
4122879.92       63.94159  (13111408)
       593927.59   4122879.92       58.59119  (16123008)                593967.59
4122879.92       59.19892  (16123008)
       594007.59   4122879.92       56.27116  (16123008)                592567.59
4122919.92       43.09863  (14122708)
       592607.59   4122919.92       42.39472  (14122708)                592647.59
4122919.92       40.69429  (14122708)
       592687.59   4122919.92       38.14375  (14122708)                592727.59
4122919.92       44.12241  (15013008)
       592767.59   4122919.92       50.41574  (15013008)                592807.59
4122919.92       55.80018  (15013008)
       592847.59   4122919.92       59.60651  (17120508)                592887.59
4122919.92       63.65697  (17120508)
       592927.59   4122919.92       62.25156  (17120508)                592967.59
4122919.92       58.38788  (17120508)
       593007.59   4122919.92       52.19667  (17120508)                593047.59
4122919.92       56.34467  (17111108)
       593087.59   4122919.92       68.05482  (13010808)                593127.59
4122919.92       77.78822  (13010808)
       593167.59   4122919.92       73.21679  (13010808)                593207.59
4122919.92       68.78276  (15020708)
       593247.59   4122919.92       55.02866  (15021808)                593287.59
4122919.92       65.19657  (15021808)
       593327.59   4122919.92       62.68419  (15021808)                593367.59
4122919.92       70.07432  (13010108)
       593407.59   4122919.92       71.52504  (13010108)                593447.59
4122919.92       65.43451  (15011708)
       593487.59   4122919.92       65.30024  (13030408)                593527.59
4122919.92       85.58355  (13012508)
       593567.59   4122919.92       95.95071  (13012508)                593607.59
4122919.92       97.11779  (13012608)
       593647.59   4122919.92       91.39098  (13012608)                593687.59
4122919.92       79.55267  (17021008)
       593727.59   4122919.92       79.06191  (17021008)                593767.59
4122919.92       79.66509  (14122408)
       593807.59   4122919.92       77.51283  (13111408)                593847.59
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 4122919.92       72.37248  (13111408)
       593887.59   4122919.92       66.75733  (16123008)                593927.59
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       592567.59   4122959.92       45.49269  (14122708)                592607.59
 4122959.92       47.55476  (14122708)
       592647.59   4122959.92       48.12508  (14122708)                592687.59
 4122959.92       47.64603  (14122708)
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 4122959.92       43.93366  (15013008)
       592807.59   4122959.92       52.02580  (15013008)                592847.59
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       592887.59   4122959.92       64.21913  (15013008)                592927.59
 4122959.92       68.96512  (17120508)
       592967.59   4122959.92       70.50560  (17120508)                593007.59
 4122959.92       67.36723  (17120508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593047.59   4122959.92       58.45185  (17120508)                593087.59
 4122959.92       63.58992  (17111108)
       593127.59   4122959.92       75.20369  (13010808)                593167.59
 4122959.92       79.18785  (13010808)
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593207.59 4122959.92 77.94756 (13010808) 593247.59
4122959.92 64.90495 (15020708)
593287.59 4122959.92 69.13410 (15021808) 593327.59
4122959.92 70.91667 (15021808)
593367.59 4122959.92 76.08215 (13010108) 593407.59
4122959.92 77.43993 (13010108)
593447.59 4122959.92 72.27709 (15011708) 593487.59
4122959.92 77.64300 (13012508)
593527.59 4122959.92 101.34381 (13012508) 593567.59
4122959.92 107.92653 (13012508)
593607.59 4122959.92 108.63000 (13012608) 593647.59
4122959.92 94.31080 (13012608)
593687.59 4122959.92 91.18184 (17021008) 593727.59
4122959.92 90.47887 (14122408)
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4122959.92 82.83822 (13111408)
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4122959.92 75.53536 (16123008)
593927.59 4122959.92 69.41765 (14010808) 593967.59
4122959.92 61.23349 (14010808)
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4122999.92 41.07064 (14122708)
592607.59 4122999.92 47.74662 (14122708) 592647.59
4122999.92 51.06971 (14122708)
592687.59 4122999.92 53.31016 (14122708) 592727.59
4122999.92 54.18895 (14122708)
592767.59 4122999.92 54.15640 (14122708) 592807.59
4122999.92 53.01258 (14122708)
592847.59 4122999.92 52.21331 (15013008) 592887.59
4122999.92 61.42563 (15013008)
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4122999.92 75.15808 (17120508)
593007.59 4122999.92 79.10785 (17120508) 593047.59
4122999.92 76.93963 (17120508)
593087.59 4122999.92 74.14927 (17120508) 593127.59
4122999.92 69.18836 (13010808)
593167.59 4122999.92 83.04819 (13010808) 593207.59
4122999.92 91.19865 (13010808)
593247.59 4122999.92 80.42018 (13010808) 593287.59
4122999.92 71.37721 (15021808)
593327.59 4122999.92 78.97170 (15021808) 593367.59
4122999.92 82.86043 (13010108)
593407.59 4122999.92 86.49769 (13010108) 593447.59
4122999.92 82.34745 (15011708)
593487.59 4122999.92 95.99760 (13012508) 593527.59
4122999.92 118.53988 (13012508)
593567.59 4122999.92 122.78041 (13012608) 593607.59
4122999.92 118.88467 (13012608)
593647.59 4122999.92 104.68527 (17021008) 593687.59
4122999.92 103.37086 (14122408)

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       593727.59   4122999.92      101.99063  (13111408)                593767.59
 4122999.92       96.00514  (13111408)
       593807.59   4122999.92       89.34717  (16123008)                593847.59
 4122999.92       86.17217  (16123008)
       593887.59   4122999.92       77.70137  (14010808)                593927.59
 4122999.92       66.49580  (14010808)
       593967.59   4122999.92       64.71930  (14011108)                594007.59
 4122999.92       62.61538  (14011108)
       592567.59   4123039.92       38.19312  (16112408)                592607.59
 4123039.92       45.14038  (16112408)
       592647.59   4123039.92       47.99819  (14122708)                592687.59
 4123039.92       52.72646  (14122708)
       592727.59   4123039.92       56.64975  (14122708)                592767.59
 4123039.92       59.51127  (14122708)
       592807.59   4123039.92       61.69239  (14122708)                592847.59
 4123039.92       62.58102  (14122708)
       592887.59   4123039.92       61.78891  (14122708)                592927.59
 4123039.92       63.19155  (15013008)
       592967.59   4123039.92       74.24924  (15013008)                593007.59
 4123039.92       80.56047  (15013008)
       593047.59   4123039.92       87.35702  (17120508)                593087.59
 4123039.92       93.80251  (17120508)
       593127.59   4123039.92       77.16331  (17120508)                593167.59
 4123039.92       78.47083  (13010808)
       593207.59   4123039.92       96.36001  (13010808)                593247.59
 4123039.92       97.70640  (13010808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 452
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593287.59	4123039.92	89.61648	(13010808)	593327.59	4123039.92	89.37839	(15021808)
593367.59	4123039.92	91.38013	(15021808)	593407.59	4123039.92	97.32266	(13010108)
593447.59	4123039.92	94.53935	(13010108)	593487.59	4123039.92	119.58212	(13012508)
593527.59	4123039.92	139.18460	(13012508)	593567.59	4123039.92	142.37452	(13012608)
593607.59	4123039.92	126.32116	(13012608)	593647.59	4123039.92	119.69118	(17021008)
593687.59	4123039.92	120.28877	(14122408)	593727.59	4123039.92	113.34875	(13111408)
593767.59	4123039.92	105.67752	(16123008)	593807.59	4123039.92	99.52964	(16123008)
593847.59	4123039.92	87.16665	(14010808)	593887.59	4123039.92	77.32192	(17112408)
593927.59	4123039.92	75.56801	(14011108)	593967.59	4123039.92	70.18715	(14011108)
594007.59	4123039.92	62.84051	(14011108)	592567.59	4123079.92	35.73266	(15012408)
592607.59	4123079.92	43.79048	(16112408)	592647.59	4123079.92	51.22649	(16112408)
592687.59	4123079.92	53.21243	(16112408)	592727.59	4123079.92	54.29251	(16112408)
592767.59	4123079.92	57.40283	(14122708)	592807.59	4123079.92	62.96395	(14122708)
592847.59	4123079.92	68.02252	(14122708)	592887.59	4123079.92	71.74544	(14122708)
592927.59	4123079.92	73.57426	(14122708)	592967.59	4123079.92	73.09382	(14122708)
593007.59	4123079.92	76.59166	(15013008)	593047.59	4123079.92	86.39261	(15013008)
593087.59	4123079.92	94.93784	(17120508)	593127.59	4123079.92	96.29212	(17120508)
593167.59	4123079.92	90.66594	(17120508)	593207.59	4123079.92	96.29297	(13010808)
593247.59	4123079.92	111.68027	(13010808)	593287.59	4123079.92	114.71144	(13010808)
593327.59	4123079.92	99.40683	(15021808)	593367.59	4123079.92	109.72354	(15021808)
593407.59	4123079.92	114.30073	(13010108)	593447.59	4123079.92	112.29329	(13010108)
593487.59	4123079.92	148.70340	(13012508)	593527.59	4123079.92	162.69447	(13012508)
593567.59	4123079.92	161.96037	(13012608)	593607.59			

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 4123079.92      144.04030  (17021008)
       593647.59   4123079.92      144.66785  (14122408)                593687.59
 4123079.92      136.45680  (13111408)
       593727.59   4123079.92      127.27462  (16123008)                593767.59
 4123079.92      116.48308  (16123008)
       593807.59   4123079.92       98.53555  (14010808)                593847.59
 4123079.92       93.53949  (17112408)
       593887.59   4123079.92       87.05710  (17112408)                593927.59
 4123079.92       77.20141  (17112408)
       593967.59   4123079.92       65.84143  (17112408)                594007.59
 4123079.92       57.89366  (14122208)
       592567.59   4123119.92       37.11436  (15012408)                592607.59
 4123119.92       39.07690  (15012408)
       592647.59   4123119.92       48.04501  (15012408)                592687.59
 4123119.92       53.07671  (16112408)
       592727.59   4123119.92       56.96809  (16112408)                592767.59
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       592807.59   4123119.92       62.55787  (16112408)                592847.59
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       592887.59   4123119.92       71.21810  (14122708)                592927.59
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 4123119.92       82.70621  (14122708)
       593047.59   4123119.92       81.66547  (14122708)                593087.59
 4123119.92       92.20191  (15013008)
       593127.59   4123119.92      102.46458  (15013008)                593167.59
 4123119.92      110.45875  (17120508)
       593207.59   4123119.92      108.38254  (17120508)                593247.59
 4123119.92      114.13072  (13010808)
       593287.59   4123119.92      136.64846  (13010808)                593327.59
 4123119.92      133.12234  (13010808)
       593367.59   4123119.92      130.16587  (15021808)                593407.59
 4123119.92      137.07718  (13010108)
       593447.59   4123119.92      146.91696  (13012508)                593487.59
 4123119.92      184.36440  (13012508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P3ON     ***
                                 INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                L0005688    , L0005689    , L0005690    , L0005691    , L0005692
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 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593527.59   4123119.92      194.05601  (13012608)               593567.59
 4123119.92      180.70341  (13012608)
        593607.59   4123119.92      176.58338  (14122408)               593647.59
 4123119.92      168.34633  (13111408)
        593687.59   4123119.92      156.55475  (16123008)               593727.59
 4123119.92      138.69992  (14010808)
        593767.59   4123119.92      120.40525  (17112408)               593807.59
 4123119.92      112.54814  (17112408)
        593847.59   4123119.92       98.50839  (17112408)               593887.59
 4123119.92       82.39673  (17112408)
        593927.59   4123119.92       73.81369  (14122208)               593967.59
 4123119.92       70.56094  (14122208)
        594007.59   4123119.92       66.18678  (14122208)               592567.59
 4123159.92       34.67087  (15012408)
        592607.59   4123159.92       36.74715  (15012408)               592647.59
 4123159.92       41.02290  (15012408)
        592687.59   4123159.92       53.72428  (15012408)               592727.59
 4123159.92       58.19692  (15012408)
        592767.59   4123159.92       61.52180  (15012408)               592807.59
 4123159.92       64.52016  (15012408)
        592847.59   4123159.92       67.33358  (15012408)               592887.59
 4123159.92       71.74947  (16112408)
        592927.59   4123159.92       72.42516  (16112408)               592967.59
 4123159.92       76.44327  (14122708)
        593007.59   4123159.92       83.72959  (14122708)               593047.59
 4123159.92       94.47365  (14122708)
        593087.59   4123159.92       98.76026  (14122708)               593127.59
 4123159.92      100.34856  (15013008)
        593167.59   4123159.92      119.52756  (15013008)               593207.59
 4123159.92      132.64773  (15013008)
        593247.59   4123159.92      136.83739  (17120508)               593287.59
 4123159.92      155.10888  (13010808)
        593327.59   4123159.92      174.16649  (13010808)               593367.59
 4123159.92      161.99388  (13010808)
        593407.59   4123159.92      169.49126  (13010108)               593447.59
 4123159.92      200.26431  (13012508)
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       593487.59   4123159.92      228.48623  (13012508)               593527.59
4123159.92      233.71679  (13012608)
       593567.59   4123159.92      218.99969  (14122408)               593607.59
4123159.92      214.36336  (13111408)
       593647.59   4123159.92      198.52432  (16123008)               593687.59
4123159.92      168.23300  (14010808)
       593727.59   4123159.92      153.27749  (17112408)               593767.59
4123159.92      133.03714  (17112408)
       593807.59   4123159.92      108.07972  (17112408)               593847.59
4123159.92       97.71259  (14122208)
       593887.59   4123159.92       90.38214  (14122208)               593927.59
4123159.92       81.56525  (14122208)
       593967.59   4123159.92       72.30943  (14122208)               594007.59
4123159.92       64.60905  (13112208)
       592567.59   4123199.92       34.42286  (17112908)               592607.59
4123199.92       34.81467  (17112908)
       592647.59   4123199.92       36.24066  (14112408)               592687.59
4123199.92       46.64207  (17112908)
       592727.59   4123199.92       54.67880  (15012408)               592767.59
4123199.92       59.90772  (15012408)
       592807.59   4123199.92       65.17588  (15012408)               592847.59
4123199.92       69.07434  (15012408)
       592887.59   4123199.92       72.63033  (15012408)               592927.59
4123199.92       74.29450  (15012408)
       592967.59   4123199.92       77.07428  (15012408)               593007.59
4123199.92       82.28477  (15012408)
       593047.59   4123199.92       85.46020  (17011308)               593087.59
4123199.92       96.79329  (14122708)
       593127.59   4123199.92      115.14449  (14122708)               593167.59
4123199.92      122.53560  (14122708)
       593207.59   4123199.92      137.71216  (15013008)               593247.59
4123199.92      169.80241  (15013008)
       593287.59   4123199.92      193.27302  (17120508)               593327.59
4123199.92      216.75625  (13010808)
       593367.59   4123199.92      230.49707  (13010808)               593407.59
4123199.92      220.75602  (13010108)
       593447.59   4123199.92      273.16381  (13012508)               593487.59
4123199.92      288.27626  (13012508)
       593527.59   4123199.92      285.07824  (13012608)               593567.59
4123199.92      283.28631  (13111408)
       593607.59   4123199.92      263.29037  (16123008)               593647.59
4123199.92      224.79961  (17112408)
       593687.59   4123199.92      193.18149  (17112408)               593727.59
4123199.92      151.10352  (17112408)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P3ON ***
INCLUDING SOURCE(S): L0005675 , L0005676 , L0005677 , L0005678 , L0005679 ,
L0005680 , L0005681 , L0005682 , L0005683 , L0005684 , L0005685 , L0005686 , L0005687 ,
L0005688 , L0005689 , L0005690 , L0005691 , L0005692 , L0005693 , L0005694 , L0005695 ,
L0005696 , L0005697 , L0005698 , L0005699 , L0005700 , L0005701 , L0005702 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	136.42643	(14122208)	593807.59	4123199.92	119.89381	(14122208)
593847.59	4123199.92	102.78824	(14122208)	593887.59	4123199.92	89.33670	(13112208)
593927.59	4123199.92	78.17090	(13112208)	593967.59	4123199.92	71.79874	(16021308)
594007.59	4123199.92	66.66294	(16021308)	592567.59	4123239.92	35.28547	(17112908)
592607.59	4123239.92	35.26059	(17112908)	592647.59	4123239.92	35.20875	(17112908)
592687.59	4123239.92	39.65268	(17112908)	592727.59	4123239.92	52.89849	(17112908)
592767.59	4123239.92	62.93989	(17112908)	592807.59	4123239.92	67.24255	(17112908)
592847.59	4123239.92	70.83434	(17112908)	592887.59	4123239.92	78.22956	(17112908)
592927.59	4123239.92	78.28573	(17112908)	592967.59	4123239.92	75.64718	(15012408)
593007.59	4123239.92	83.36669	(15012408)	593047.59	4123239.92	91.47486	(15012408)
593087.59	4123239.92	102.00567	(15012408)	593127.59	4123239.92	113.79202	(17011308)
593167.59	4123239.92	130.71042	(17011308)	593207.59	4123239.92	148.81508	(17011308)
593247.59	4123239.92	182.78236	(14122708)	593287.59	4123239.92	229.67332	(15013008)
593327.59	4123239.92	304.94135	(15013008)	593367.59			

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4123239.92      340.57735  (14122015)
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       593487.59   4123239.92      392.01959  (14122408)                593527.59
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       593567.59   4123239.92      374.08344  (16123008)                593607.59
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       593647.59   4123239.92      239.19104  (14122208)                593687.59
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       593727.59   4123239.92      164.11668  (14122208)                593767.59
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       593807.59   4123239.92      121.16768  (16021308)                593847.59
4123239.92      107.57996  (16021308)
       593887.59   4123239.92       95.23325  (16021308)                593927.59
4123239.92       84.36680  (16021308)
       593967.59   4123239.92       74.90754  (16021308)                594007.59
4123239.92       66.96819  (16021308)
       592567.59   4123279.92       32.52919  (13012208)                592607.59
4123279.92       33.02210  (13012208)
       592647.59   4123279.92       32.71242  (14121208)                592687.59
4123279.92       34.97423  (14121208)
       592727.59   4123279.92       40.46372  (13012208)                592767.59
4123279.92       52.98288  (13012208)
       592807.59   4123279.92       63.93320  (16012708)                592847.59
4123279.92       67.40276  (17112908)
       592887.59   4123279.92       78.43476  (17112908)                592927.59
4123279.92       78.48651  (17112908)
       592967.59   4123279.92       78.16489  (17112908)                593007.59
4123279.92       83.96608  (17112908)
       593047.59   4123279.92       92.52019  (17112908)                593087.59
4123279.92      103.19371  (17112908)
       593127.59   4123279.92      111.11740  (17011608)                593167.59
4123279.92      132.94533  (17011608)
       593207.59   4123279.92      166.14863  (17011608)                593247.59
4123279.92      212.58942  (17011608)
       593287.59   4123279.92      278.67355  (17011608)                593327.59
4123279.92      395.72642  (17011308)
       593367.59   4123279.92      465.12072  (14122708)                593407.59
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       593447.59   4123279.92      542.00450  (13030208)                593487.59
4123279.92      554.91056  (15011908)
       593527.59   4123279.92      627.02394  (17112408)                593567.59
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4123279.92      268.00080  (16021308)
       593687.59   4123279.92      213.53305  (16021308)                593727.59
4123279.92      172.92305  (16021308)
       593767.59   4123279.92      141.64371  (16021308)                593807.59
4123279.92      117.84864  (16021308)
       593847.59   4123279.92       99.52056  (16021308)                593887.59
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: P3ON   ***
                                 INCLUDING SOURCE(S):   L0005675   , L0005676
 , L0005677   , L0005678   , L0005679   ,
                  L0005680   , L0005681   , L0005682   , L0005683   , L0005684
 , L0005685   , L0005686   , L0005687   ,
                  L0005688   , L0005689   , L0005690   , L0005691   , L0005692
 , L0005693   , L0005694   , L0005695   ,
                  L0005696   , L0005697   , L0005698   , L0005699   , L0005700
 , L0005701   , L0005702   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        594007.59   4123279.92   55.89387 (16021308)   592567.59
 4123319.92   32.46254 (14121208)
        592607.59   4123319.92   33.08117 (14121208)   592647.59
 4123319.92   34.84203 (14121208)
        592687.59   4123319.92   36.93338 (14121208)   592727.59
 4123319.92   40.29390 (14121208)
        592767.59   4123319.92   47.01958 (14121208)   592807.59
 4123319.92   60.86029 (14121208)
        592847.59   4123319.92   68.83379 (14121208)   592887.59
 4123319.92   79.14935 (14121208)
        592927.59   4123319.92   75.90577 (14121208)   592967.59
 4123319.92   81.01545 (14121208)
        593007.59   4123319.92   88.31805 (14121208)   593047.59
 4123319.92   94.76604 (14121208)
        593087.59   4123319.92   103.02291 (14121208)   593127.59
 4123319.92   116.93009 (14121208)
        593167.59   4123319.92   135.93716 (14121208)   593207.59
 4123319.92   172.81428 (14121208)

593247.59 4123319.92 219.13813 (14121208) 593287.59 4123319.92 289.45237 (13012808)
593327.59 4123319.92 423.75787 (14121208) 593367.59 4123319.92 559.22977 (15112108)
593407.59 4123319.92 657.93965 (13030208) 593447.59 4123319.92 705.75372 (13030208)
593487.59 4123319.92 669.48543 (13030208) 593527.59 4123319.92 548.85013 (14091508)
593567.59 4123319.92 467.87673 (14092308) 593607.59 4123319.92 305.20355 (15112608)
593647.59 4123319.92 223.77648 (15112608) 593687.59 4123319.92 173.73663 (15112608)
593727.59 4123319.92 140.80786 (15112608) 593767.59 4123319.92 116.94266 (15112608)
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592967.59 4123359.92 74.39451 (16121708) 593007.59 4123359.92 78.88618 (13012808)
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593127.59 4123359.92 110.33989 (17012608) 593167.59 4123359.92 135.14932 (15112108)
593207.59 4123359.92 183.43831 (15112108) 593247.59 4123359.92 250.18333 (15112108)
593287.59 4123359.92 337.65695 (15112108) 593327.59 4123359.92 447.93288 (14120908)
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4123439.92 95.18236 (15112108)
593047.59 4123439.92 107.94044 (15112108) 593087.59
4123439.92 123.92938 (17120708)
593127.59 4123439.92 144.99596 (13121608) 593167.59
4123439.92 157.21826 (17121408)
593207.59 4123439.92 181.94160 (15120808) 593247.59
4123439.92 206.94936 (17122508)
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4123439.92 254.76593 (13121208)
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4123439.92 267.95886 (17101908)
593447.59 4123439.92 286.95050 (17101908) 593487.59
4123439.92 287.64095 (17101908)
593527.59 4123439.92 243.19092 (17101908) 593567.59
4123439.92 217.69872 (17010508)
593607.59 4123439.92 193.62747 (15011008) 593647.59

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 4123439.92      165.54952  (13121908)
       593687.59   4123439.92      139.59021  (13122008)                593727.59
 4123439.92      114.59016  (15121908)
       593767.59   4123439.92       95.12948  (17112208)                593807.59
 4123439.92       83.76847  (17112208)
       593847.59   4123439.92       72.64310  (17112208)                593887.59
 4123439.92       63.16779  (13011408)
       593927.59   4123439.92       54.76824  (13011408)                593967.59
 4123439.92       47.25117  (13011408)
       594007.59   4123439.92       40.70527  (13011408)                592567.59
 4123479.92       26.98857  (17012608)
       592607.59   4123479.92       29.09992  (17012608)                592647.59
 4123479.92       30.89527  (14012408)
       592687.59   4123479.92       33.85772  (15112108)                592727.59
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       592767.59   4123479.92       44.55916  (15112108)                592807.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 457
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P3ON     ***
                                  INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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4123479.92 107.86123 (13121608)
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4123479.92 57.76948 (17112208)
593967.59 4123479.92 51.86455 (13011408) 594007.59
4123479.92 46.37736 (13011408)
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4123519.92 32.58795 (15112108)
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592727.59 4123519.92 45.68912 (15112108) 592767.59
4123519.92 50.64412 (15112108)
592807.59 4123519.92 55.96084 (17120708) 592847.59
4123519.92 61.75613 (17120708)
592887.59 4123519.92 69.12679 (17120708) 592927.59
4123519.92 77.64735 (13121608)
592967.59 4123519.92 84.19600 (14120908) 593007.59
4123519.92 88.87612 (17121408)
593047.59 4123519.92 96.58965 (15120808) 593087.59
4123519.92 105.28314 (17122908)
593127.59 4123519.92 116.62489 (17122508) 593167.59
4123519.92 129.44526 (17121108)
593207.59 4123519.92 144.51787 (15120908) 593247.59
4123519.92 153.66524 (13121208)
593287.59 4123519.92 165.28599 (14120108) 593327.59
4123519.92 164.64257 (13011508)
593367.59 4123519.92 176.44152 (14120808) 593407.59
4123519.92 166.13381 (15123108)
593447.59 4123519.92 174.25785 (15010908) 593487.59
4123519.92 173.27639 (14120208)

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       593527.59   4123519.92      145.04541  (16011108)                593567.59
 4123519.92      129.41621  (16011108)
       593607.59   4123519.92      126.92949  (17010508)                593647.59
 4123519.92      121.65592  (15122808)
       593687.59   4123519.92      112.73035  (15011008)                593727.59
 4123519.92       97.92351  (14013008)
       593767.59   4123519.92       91.19761  (13121908)                593807.59
 4123519.92       80.39414  (13122008)
       593847.59   4123519.92       72.38565  (13122008)                593887.59
 4123519.92       62.80652  (15121908)
       593927.59   4123519.92       55.72487  (15121908)                593967.59
 4123519.92       49.67848  (17112208)
       594007.59   4123519.92       46.15245  (17112208)                592567.59
 4123559.92       35.71165  (15112108)
       592607.59   4123559.92       37.22888  (15112108)                592647.59
 4123559.92       40.67682  (15112108)
       592687.59   4123559.92       44.31290  (17120708)                592727.59
 4123559.92       48.30194  (17120708)
       592767.59   4123559.92       52.11672  (17120708)                592807.59
 4123559.92       56.35648  (13121608)
       592847.59   4123559.92       60.90806  (13121608)                592887.59
 4123559.92       64.54127  (13121608)
       592927.59   4123559.92       70.51114  (17121408)                592967.59
 4123559.92       75.91920  (15120808)
       593007.59   4123559.92       81.45069  (15120808)                593047.59
 4123559.92       88.04610  (17122908)
       593087.59   4123559.92       97.05822  (17122508)                593127.59
 4123559.92      105.41285  (15120908)
       593167.59   4123559.92      115.31325  (15120908)                593207.59
 4123559.92      122.52408  (13121208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 458
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  P3ON     ***
                                 INCLUDING SOURCE(S):     L0005675    , L0005676
 , L0005677    , L0005678    , L0005679    ,
                  L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                  L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                  L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	132.26705	(13121308)	593287.59	4123559.92	134.77163	(14122008)
593327.59	4123559.92	143.91786	(14112008)	593367.59	4123559.92	151.16225	(14120808)
593407.59	4123559.92	143.29870	(15123108)	593447.59	4123559.92	151.03682	(15010908)
593487.59	4123559.92	153.57355	(14120208)	593527.59	4123559.92	127.86762	(14120208)
593567.59	4123559.92	119.41976	(16011108)	593607.59	4123559.92	101.41367	(17111408)
593647.59	4123559.92	104.73323	(17010508)	593687.59	4123559.92	98.33272	(15122808)
593727.59	4123559.92	91.13738	(15011008)	593767.59	4123559.92	81.16185	(15011008)
593807.59	4123559.92	74.52766	(13121908)	593847.59	4123559.92	68.47942	(13121908)
593887.59	4123559.92	61.86399	(13122008)	593927.59	4123559.92	56.14122	(13122008)
593967.59	4123559.92	49.69523	(15121908)	594007.59	4123559.92	44.94528	(15121908)
592567.59	4123599.92	37.40720	(15112108)	592607.59	4123599.92	39.12159	(17120708)
592647.59	4123599.92	41.88888	(17120708)	592687.59	4123599.92	44.54059	(13121608)
592727.59	4123599.92	47.99837	(13121608)	592767.59	4123599.92	51.00390	(13121608)
592807.59	4123599.92	53.22243	(17121408)	592847.59	4123599.92	57.65583	(17121408)
592887.59	4123599.92	60.85934	(15120808)	592927.59	4123599.92	64.74644	(15120808)
592967.59	4123599.92	68.98442	(17122908)	593007.59	4123599.92	73.88997	(17122508)
593047.59	4123599.92	81.08169	(17122508)	593087.59	4123599.92	88.70050	(15120908)
593127.59	4123599.92	95.18921	(17120608)	593167.59	4123599.92	101.52847	(13121208)
593207.59	4123599.92	109.54921	(13121308)	593247.59	4123599.92	115.92837	(14120108)
593287.59	4123599.92	119.37973	(13011508)	593327.59	4123599.92	127.86503	(14112008)
593367.59	4123599.92	131.12645	(14120808)	593407.59			

4123599.92   126.26707 (15123108)
       593447.59   4123599.92   132.08928 (15010908)   593487.59
4123599.92   136.10090 (14120208)
       593527.59   4123599.92   115.50458 (14120208)   593567.59
4123599.92   105.48895 (16011108)
       593607.59   4123599.92   89.85779 (16011108)   593647.59
4123599.92   85.99960 (15122608)
       593687.59   4123599.92   86.95411 (17010508)   593727.59
4123599.92   81.22167 (15122808)
       593767.59   4123599.92   75.49369 (15011008)   593807.59
4123599.92   68.76273 (15011008)
       593847.59   4123599.92   62.05474 (13121908)   593887.59
4123599.92   58.77268 (13121908)
       593927.59   4123599.92   53.48623 (13121908)   593967.59
4123599.92   49.55209 (13122008)
       594007.59   4123599.92   45.35218 (13122008)   593087.59
4123639.92   82.95336 (17120608)
       593127.59   4123639.92   88.09737 (13121208)   593167.59
4123639.92   93.92445 (13121308)
       593207.59   4123639.92   101.37182 (14120108)   593247.59
4123639.92   101.48643 (14122008)
       593287.59   4123639.92   107.52908 (13011508)   593327.59
4123639.92   116.08741 (14120808)
       593367.59   4123639.92   113.64907 (14121008)   593407.59
4123639.92   110.87456 (15123108)
       593447.59   4123639.92   115.28924 (15010908)   593487.59
4123639.92   119.96532 (14120208)
       593527.59   4123639.92   104.86238 (14120208)   593567.59
4123639.92   91.68793 (16011108)
       593607.59   4123639.92   84.65642 (16011108)   593647.59
4123639.92   73.30772 (17111408)
       593687.59   4123639.92   73.19773 (15122608)   593727.59
4123639.92   73.11293 (17010508)
       593767.59   4123639.92   68.62934 (15122808)   593807.59
4123639.92   63.91107 (15011008)
       593847.59   4123639.92   59.41315 (15011008)   593887.59
4123639.92   52.72358 (14013008)
       593927.59   4123639.92   50.90839 (13121908)   593967.59
4123639.92   47.51281 (13121908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P3ON   ***
                                  INCLUDING SOURCE(S):   L0005675   , L0005676

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 , L0005677    , L0005678    , L0005679    ,
                 L0005680    , L0005681    , L0005682    , L0005683    , L0005684
 , L0005685    , L0005686    , L0005687    ,
                 L0005688    , L0005689    , L0005690    , L0005691    , L0005692
 , L0005693    , L0005694    , L0005695    ,
                 L0005696    , L0005697    , L0005698    , L0005699    , L0005700
 , L0005701    , L0005702    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        594007.59   4123639.92       43.54109  (13122008)               593087.59
 4123679.92       76.77612  (13121208)
        593127.59   4123679.92       80.92780  (15012208)               593167.59
 4123679.92       87.59318  (14120108)
        593207.59   4123679.92       86.99110  (14122008)               593247.59
 4123679.92       92.61891  (13011508)
        593287.59   4123679.92       98.11666  (14112008)               593327.59
 4123679.92      103.24905  (14120808)
        593367.59   4123679.92      100.34277  (14121008)               593407.59
 4123679.92       97.90756  (15123108)
        593447.59   4123679.92      101.67062  (15010908)               593487.59
 4123679.92      106.37019  (14120208)
        593527.59   4123679.92       95.75393  (14120208)               593567.59
 4123679.92       79.03805  (16011108)
        593607.59   4123679.92       77.89477  (16011108)               593647.59
 4123679.92       65.61922  (16011108)
        593687.59   4123679.92       62.37550  (15122608)               593727.59
 4123679.92       63.15355  (17010508)
        593767.59   4123679.92       62.64583  (17010508)               593807.59
 4123679.92       58.76958  (15122808)
        593847.59   4123679.92       55.00795  (15011008)               593887.59
 4123679.92       51.60520  (15011008)
        593927.59   4123679.92       46.73926  (14013008)               593967.59
 4123679.92       44.07491  (13121908)
        594007.59   4123679.92       42.31590  (13121908)               593087.59
 4123719.92       70.89030  (13121208)
        593127.59   4123719.92       76.42446  (13121308)               593167.59
 4123719.92       77.95668  (14120108)
        593207.59   4123719.92       78.58058  (14122008)               593247.59
 4123719.92       84.09169  (13011508)
        593287.59   4123719.92       89.02071  (14120808)               593327.59
 4123719.92       90.85307  (14120808)
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       593367.59   4123719.92       88.39860  (14121008)                593407.59
 4123719.92       87.07095  (15123108)
       593447.59   4123719.92       90.24491  (15010908)                593487.59
 4123719.92       95.14630  (14120208)
       593527.59   4123719.92       87.59648  (14120208)                593567.59
 4123719.92       67.85935  (16011108)
       593607.59   4123719.92       70.43724  (16011108)                593647.59
 4123719.92       63.59234  (16011108)
       593687.59   4123719.92       56.29322  (17111408)                593727.59
 4123719.92       55.30933  (15122608)
       593767.59   4123719.92       55.46203  (17010508)                593807.59
 4123719.92       54.10710  (17010508)
       593847.59   4123719.92       51.11352  (15122808)                593887.59
 4123719.92       47.68977  (15011008)
       593927.59   4123719.92       45.62945  (15011008)                593967.59
 4123719.92       41.57515  (14013008)
       594007.59   4123719.92       38.45008  (13121908)                593087.59
 4123759.92       67.15938  (13121308)
       593127.59   4123759.92       69.83533  (14120108)                593167.59
 4123759.92       69.65884  (14122008)
       593207.59   4123759.92       73.73887  (13011508)                593247.59
 4123759.92       77.47623  (14112008)
       593287.59   4123759.92       82.14776  (14120808)                593327.59
 4123759.92       80.36967  (14121008)
       593367.59   4123759.92       77.67252  (14121008)                593407.59
 4123759.92       77.95848  (15123108)
       593447.59   4123759.92       80.65174  (15010908)                593487.59
 4123759.92       85.58953  (14120208)
       593527.59   4123759.92       80.55951  (14120208)                593567.59
 4123759.92       63.68929  (14120208)
       593607.59   4123759.92       63.08429  (16011108)                593647.59
 4123759.92       60.07750  (16011108)
       593687.59   4123759.92       50.88888  (17122008)                593727.59
 4123759.92       49.00683  (17111408)
       593767.59   4123759.92       49.08949  (15122608)                593807.59
 4123759.92       48.89203  (17010508)
       593847.59   4123759.92       47.25671  (17010508)                593887.59
 4123759.92       45.09814  (15122808)
       593927.59   4123759.92       42.19191  (15011008)                593967.59
 4123759.92       40.62730  (15011008)
       594007.59   4123759.92       37.45144  (15011008)                593087.59
 4123799.92       62.55448  (14120108)
       593127.59   4123799.92       61.24168  (14122008)                593167.59
 4123799.92       63.37643  (13011508)
       593207.59   4123799.92       67.91857  (13011508)                593247.59
 4123799.92       71.00153  (14112008)
       593287.59   4123799.92       74.76288  (14120808)                593327.59
 4123799.92       73.44491  (14121008)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: P3ON ***
INCLUDING SOURCE(S): L0005675 , L0005676 , L0005677 , L0005678 , L0005679 ,
L0005680 , L0005681 , L0005682 , L0005683 , L0005684 , L0005685 , L0005686 , L0005687 ,
L0005688 , L0005689 , L0005690 , L0005691 , L0005692 , L0005693 , L0005694 , L0005695 ,
L0005696 , L0005697 , L0005698 , L0005699 , L0005700 , L0005701 , L0005702 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	69.23107	(15123108)	593407.59	4123799.92	70.09807	(15123108)
593447.59	4123799.92	72.78163	(15010908)	593487.59	4123799.92	77.24029	(14120208)
593527.59	4123799.92	74.43971	(14120208)	593567.59	4123799.92	60.58260	(14120208)
593607.59	4123799.92	56.01476	(16011108)	593647.59	4123799.92	55.92025	(16011108)
593687.59	4123799.92	49.61637	(16011108)	593727.59	4123799.92	44.81890	(17111408)
593767.59	4123799.92	42.90490	(15122608)	593807.59	4123799.92	43.47580	(15122608)
593847.59	4123799.92	43.63086	(17010508)	593887.59	4123799.92	42.00606	(17010508)
593927.59	4123799.92	40.20766	(15122808)	593967.59	4123799.92	37.56080	(15122808)
594007.59	4123799.92	36.55063	(15011008)	593087.59	4123839.92	56.21048	(14120108)
593127.59	4123839.92	57.13544	(14122008)	593167.59	4123839.92	60.63770	(13011508)
593207.59	4123839.92	63.00486	(14112008)	593247.59	4123839.92	66.19213	(14120808)
593287.59	4123839.92	67.36576	(14120808)	593327.59			

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 4123839.92       66.82590  (14121008)
       593367.59   4123839.92       63.81689  (15123108)                593407.59
 4123839.92       63.34008  (15123108)
       593447.59   4123839.92       66.04823  (15010908)                593487.59
 4123839.92       70.40540  (15010908)
       593527.59   4123839.92       68.79721  (14120208)                593567.59
 4123839.92       57.67318  (14120208)
       593607.59   4123839.92       49.25727  (16011108)                593647.59
 4123839.92       51.34776  (16011108)
       593687.59   4123839.92       47.87673  (16011108)                593727.59
 4123839.92       41.26461  (17122008)
       593767.59   4123839.92       39.97670  (17111408)                593807.59
 4123839.92       39.25709  (15122608)
       593847.59   4123839.92       38.91546  (15122608)                593887.59
 4123839.92       39.20469  (17010508)
       593927.59   4123839.92       37.37149  (17010508)                593967.59
 4123839.92       35.99164  (15122808)
       594007.59   4123839.92       33.91428  (15122808)                593087.59
 4123879.92       51.46947  (14122008)
       593127.59   4123879.92       53.09382  (13011508)                593167.59
 4123879.92       56.38857  (13011508)
       593207.59   4123879.92       58.89613  (14112008)                593247.59
 4123879.92       61.97588  (14120808)
       593287.59   4123879.92       60.22700  (14120808)                593327.59
 4123879.92       60.48624  (14121008)
       593367.59   4123879.92       58.92167  (15123108)                593407.59
 4123879.92       57.51510  (15123108)
       593447.59   4123879.92       60.11865  (15010908)                593487.59
 4123879.92       64.54497  (15010908)
       593527.59   4123879.92       63.62066  (14120208)                593567.59
 4123879.92       54.85888  (14120208)
       593607.59   4123879.92       43.17677  (16011108)                593647.59
 4123879.92       46.75902  (16011108)
       593687.59   4123879.92       45.44645  (16011108)                593727.59
 4123879.92       40.10349  (16011108)
       593767.59   4123879.92       36.65476  (17111408)                593807.59
 4123879.92       35.60684  (17111408)
       593847.59   4123879.92       35.85397  (15122608)                593887.59
 4123879.92       35.23608  (17010508)
       593927.59   4123879.92       35.34927  (17010508)                593967.59
 4123879.92       33.54410  (17010508)
       594007.59   4123879.92       32.60683  (15122808)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 461
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592567.59	4122799.92	43.07234	(13012409)	592607.59	4122799.92	42.36082	(15021808)
592647.59	4122799.92	46.63797	(15021808)	592687.59	4122799.92	41.53637	(15021808)
592727.59	4122799.92	35.77741	(13010108)	592767.59	4122799.92	41.83539	(13010108)
592807.59	4122799.92	42.98842	(13010108)	592847.59	4122799.92	43.02354	(13010108)
592887.59	4122799.92	38.61956	(15011708)	592927.59	4122799.92	32.18092	(15011708)
592967.59	4122799.92	36.87501	(13030408)	593007.59	4122799.92	43.94573	(13012508)
593047.59	4122799.92	48.21812	(13012508)	593087.59	4122799.92	48.59275	(13012508)
593127.59	4122799.92	47.38463	(13012608)	593167.59	4122799.92	46.19617	(13012608)
593207.59	4122799.92	42.49441	(13012608)	593247.59	4122799.92	36.78628	(13012608)
593287.59	4122799.92	36.74273	(17021008)	593327.59	4122799.92	35.94779	(17021008)
593367.59	4122799.92	34.94160	(14122408)	593407.59	4122799.92	34.88875	(14122408)
593447.59	4122799.92	33.78962	(13111408)	593487.59	4122799.92	33.15774	(13111408)
593527.59	4122799.92	31.64011	(13111408)	593567.59	4122799.92	29.33849	(13111408)
593607.59	4122799.92	29.04568	(16123008)	593647.59	4122799.92	28.99626	(16123008)
593687.59	4122799.92	28.37568	(16123008)	593727.59	4122799.92	27.25588	(16123008)

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       593767.59   4122799.92       25.84403  (14010808)               593807.59
4122799.92       24.29404  (14010808)
       593847.59   4122799.92       22.13110  (14010808)               593887.59
4122799.92       20.67906  (14011108)
       593927.59   4122799.92       20.93256  (14011108)               593967.59
4122799.92       20.92527  (14011108)
       594007.59   4122799.92       20.70531  (14011108)               592567.59
4122839.92       47.66779  (13012409)
       592607.59   4122839.92       42.60380  (15021808)               592647.59
4122839.92       48.17208  (15021808)
       592687.59   4122839.92       47.59483  (15021808)               592727.59
4122839.92       40.37158  (15021808)
       592767.59   4122839.92       42.58187  (13010108)               592807.59
4122839.92       46.42655  (13010108)
       592847.59   4122839.92       45.62385  (13010108)               592887.59
4122839.92       41.81158  (15011708)
       592927.59   4122839.92       35.03445  (13030408)               592967.59
4122839.92       41.64405  (13012508)
       593007.59   4122839.92       49.30783  (13012508)               593047.59
4122839.92       52.33835  (13012508)
       593087.59   4122839.92       51.14881  (13012508)               593127.59
4122839.92       50.41516  (13012608)
       593167.59   4122839.92       47.70527  (13012608)               593207.59
4122839.92       42.57228  (13012608)
       593247.59   4122839.92       39.32513  (17021008)               593287.59
4122839.92       38.70296  (17021008)
       593327.59   4122839.92       37.35240  (14122408)               593367.59
4122839.92       37.38290  (14122408)
       593407.59   4122839.92       36.22566  (14122408)               593447.59
4122839.92       35.46030  (13111408)
       593487.59   4122839.92       33.80535  (13111408)               593527.59
4122839.92       31.32236  (13111408)
       593567.59   4122839.92       31.19376  (16123008)               593607.59
4122839.92       30.95430  (16123008)
       593647.59   4122839.92       29.95926  (16123008)               593687.59
4122839.92       28.45629  (16123008)
       593727.59   4122839.92       26.92632  (14010808)               593767.59
4122839.92       24.99750  (14010808)
       593807.59   4122839.92       22.84129  (14010808)               593847.59
4122839.92       22.53711  (14011108)
       593887.59   4122839.92       22.60534  (14011108)               593927.59
4122839.92       22.38771  (14011108)
       593967.59   4122839.92       21.91283  (14011108)               594007.59
4122839.92       21.24838  (14011108)
       592567.59   4122879.92       53.04282  (15020708)               592607.59
4122879.92       44.96860  (13012409)
       592647.59   4122879.92       49.63905  (15021808)               592687.59
4122879.92       53.48232  (15021808)
       592727.59   4122879.92       44.53474  (15021808)               592767.59
4122879.92       44.65815  (13010108)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592807.59	4122879.92	50.30618	(13010108)	592847.59	4122879.92	47.39163	(13010108)
592887.59	4122879.92	43.86339	(15011708)	592927.59	4122879.92	39.85292	(13030408)
592967.59	4122879.92	48.18356	(13012508)	593007.59	4122879.92	54.84800	(13012508)
593047.59	4122879.92	56.22049	(13012508)	593087.59	4122879.92	54.44330	(13012608)
593127.59	4122879.92	52.94221	(13012608)	593167.59	4122879.92	48.65756	(13012608)
593207.59	4122879.92	42.11100	(13012608)	593247.59	4122879.92	41.93985	(17021008)
593287.59	4122879.92	40.09110	(14122408)	593327.59	4122879.92	40.20454	(14122408)
593367.59	4122879.92	39.01242	(14122408)	593407.59	4122879.92	38.04553	(13111408)
593447.59	4122879.92	36.22566	(13111408)	593487.59	4122879.92	33.52842	(13111408)
593527.59	4122879.92	33.57703	(16123008)	593567.59	4122879.92	33.07177	(16123008)
593607.59	4122879.92	31.93841	(16123008)	593647.59	4122879.92	30.05890	(14010808)
593687.59	4122879.92	28.17855	(14010808)	593727.59			

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4122879.92       25.96293  (14010808)
       593767.59   4122879.92       24.29671  (14011108)                593807.59
4122879.92       24.45841  (14011108)
       593847.59   4122879.92       24.28523  (14011108)                593887.59
4122879.92       23.82566  (14011108)
       593927.59   4122879.92       23.09700  (14011108)                593967.59
4122879.92       22.13996  (14011108)
       594007.59   4122879.92       20.89606  (14011108)                592567.59
4122919.92       63.56463  (15020708)
       592607.59   4122919.92       50.57692  (13012409)                592647.59
4122919.92       48.66452  (15021808)
       592687.59   4122919.92       52.57139  (15021808)                592727.59
4122919.92       49.43917  (15021808)
       592767.59   4122919.92       47.20601  (13010108)                592807.59
4122919.92       53.77948  (13010108)
       592847.59   4122919.92       52.00858  (13010108)                592887.59
4122919.92       47.84520  (15011708)
       592927.59   4122919.92       45.29377  (13030408)                592967.59
4122919.92       55.53757  (13012508)
       593007.59   4122919.92       60.55811  (13012508)                593047.59
4122919.92       59.84091  (13012508)
       593087.59   4122919.92       58.30274  (13012608)                593127.59
4122919.92       54.95707  (13012608)
       593167.59   4122919.92       48.98599  (13012608)                593207.59
4122919.92       45.48747  (17021008)
       593247.59   4122919.92       43.75039  (17021008)                593287.59
4122919.92       43.41591  (14122408)
       593327.59   4122919.92       42.15646  (14122408)                593367.59
4122919.92       40.96921  (13111408)
       593407.59   4122919.92       38.94393  (13111408)                593447.59
4122919.92       36.21015  (16123008)
       593487.59   4122919.92       36.19616  (16123008)                593527.59
4122919.92       35.41112  (16123008)
       593567.59   4122919.92       33.80598  (16123008)                593607.59
4122919.92       31.82345  (14010808)
       593647.59   4122919.92       29.58622  (14010808)                593687.59
4122919.92       26.95712  (14010808)
       593727.59   4122919.92       26.52665  (14011108)                593767.59
4122919.92       26.38372  (14011108)
       593807.59   4122919.92       25.93181  (14011108)                593847.59
4122919.92       25.18339  (14011108)
       593887.59   4122919.92       24.17123  (14011108)                593927.59
4122919.92       22.94180  (14011108)
       593967.59   4122919.92       21.37053  (14011108)                594007.59
4122919.92       19.84660  (14011108)
       592567.59   4122959.92       58.77759  (13010808)                592607.59
4122959.92       57.19782  (15020708)
       592647.59   4122959.92       46.81879  (15021808)                592687.59
4122959.92       55.49322  (15021808)
       592727.59   4122959.92       55.03552  (15021808)                592767.59
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593047.59	4122959.92	63.83056	(13012608)	593087.59	4122959.92	61.55183	(13012608)
593127.59	4122959.92	56.37593	(13012608)	593167.59	4122959.92	49.62786	(17021008)
593207.59	4122959.92	48.00748	(17021008)	593247.59	4122959.92	47.13274	(14122408)
593287.59	4122959.92	45.74758	(14122408)	593327.59	4122959.92	44.27418	(13111408)
593367.59	4122959.92	42.02613	(13111408)	593407.59	4122959.92	39.44517	(16123008)
593447.59	4122959.92	39.11884	(16123008)	593487.59	4122959.92	37.96142	(16123008)
593527.59	4122959.92	36.14142	(16123008)	593567.59	4122959.92	33.65557	(14010808)
593607.59	4122959.92	31.06731	(14010808)	593647.59	4122959.92	29.04954	(14011108)

593687.59 4122959.92 28.92506 (14011108) 593727.59
4122959.92 28.41642 (14011108)
593767.59 4122959.92 27.57331 (14011108) 593807.59
4122959.92 26.46456 (14011108)
593847.59 4122959.92 24.97723 (14011108) 593887.59
4122959.92 23.38814 (14011108)
593927.59 4122959.92 21.68431 (14011108) 593967.59
4122959.92 19.89812 (14011108)
594007.59 4122959.92 18.11387 (14011108) 592567.59
4122999.92 59.88835 (13010808)
592607.59 4122999.92 62.21885 (15020708) 592647.59
4122999.92 53.62747 (15020708)
592687.59 4122999.92 58.72455 (15021808) 592727.59
4122999.92 62.68968 (15021808)
592767.59 4122999.92 55.94953 (15021808) 592807.59
4122999.92 64.40792 (13010108)
592847.59 4122999.92 62.74871 (13010108) 592887.59
4122999.92 56.15368 (15011708)
592927.59 4122999.92 63.15060 (13012508) 592967.59
4122999.92 71.69382 (13012508)
593007.59 4122999.92 71.45688 (13012508) 593047.59
4122999.92 68.80759 (13012608)
593087.59 4122999.92 64.14517 (13012608) 593127.59
4122999.92 57.19432 (13012608)
593167.59 4122999.92 52.91123 (17021008) 593207.59
4122999.92 51.49794 (14122408)
593247.59 4122999.92 49.89578 (14122408) 593287.59
4122999.92 48.10774 (13111408)
593327.59 4122999.92 45.49354 (13111408) 593367.59
4122999.92 43.09610 (16123008)
593407.59 4122999.92 42.31362 (16123008) 593447.59
4122999.92 40.77304 (16123008)
593487.59 4122999.92 38.46400 (16123008) 593527.59
4122999.92 35.66922 (14010808)
593567.59 4122999.92 32.51999 (14010808) 593607.59
4122999.92 31.79244 (14011108)
593647.59 4122999.92 31.28952 (14011108) 593687.59
4122999.92 30.38426 (14011108)
593727.59 4122999.92 29.11746 (17112408) 593767.59
4122999.92 27.47344 (14011108)
593807.59 4122999.92 25.67574 (14011108) 593847.59
4122999.92 23.73401 (14011108)
593887.59 4122999.92 21.74907 (14011108) 593927.59
4122999.92 19.98837 (14122208)
593967.59 4122999.92 20.00915 (14122208) 594007.59
4122999.92 19.93193 (14122208)
592567.59 4123039.92 66.57379 (13010808) 592607.59
4123039.92 70.20919 (13010808)
592647.59 4123039.92 65.77593 (15020708) 592687.59
4123039.92 61.12669 (15021808)

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       592727.59   4123039.92       70.48461  (15021808)                592767.59
 4123039.92       66.74112  (15021808)
       592807.59   4123039.92       71.44477  (13010108)                592847.59
 4123039.92       70.65417  (13010108)
       592887.59   4123039.92       62.34122  (15011708)                592927.59
 4123039.92       75.06098  (13012508)
       592967.59   4123039.92       80.06719  (13012508)                593007.59
 4123039.92       76.76851  (13012608)
       593047.59   4123039.92       73.03617  (13012608)                593087.59
 4123039.92       66.21691  (13012608)
       593127.59   4123039.92       58.49324  (17021008)                593167.59
 4123039.92       56.70386  (14122408)
       593207.59   4123039.92       54.76874  (14122408)                593247.59
 4123039.92       52.51331  (13111408)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 464
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITEL ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593287.59   4123039.92       49.54508  (13111408)                593327.59
 4123039.92       47.16615  (16123008)
       593367.59   4123039.92       45.93500  (16123008)                593407.59
 4123039.92       43.82037  (16123008)
       593447.59   4123039.92       41.09772  (16123008)                593487.59
 4123039.92       37.76307  (14010808)
       593527.59   4123039.92       35.28709  (17112408)                593567.59
 4123039.92       34.65953  (17112408)
       593607.59   4123039.92       33.68834  (17112408)                593647.59
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4123039.92       32.33356  (17112408)
       593687.59   4123039.92       30.65912  (17112408)                593727.59
4123039.92       28.49535  (14011108)
       593767.59   4123039.92       26.26701  (14011108)                593807.59
4123039.92       23.94517  (14011108)
       593847.59   4123039.92       22.33526  (14122208)                593887.59
4123039.92       22.27065  (14122208)
       593927.59   4123039.92       22.07470  (14122208)                593967.59
4123039.92       21.69148  (14122208)
       594007.59   4123039.92       21.24627  (14122208)                592567.59
4123079.92       69.02770  (13010808)
       592607.59   4123079.92       79.09823  (13010808)                592647.59
4123079.92       79.81042  (13010808)
       592687.59   4123079.92       67.78849  (15020708)                592727.59
4123079.92       79.52402  (15021808)
       592767.59   4123079.92       80.26073  (15021808)                592807.59
4123079.92       81.46057  (13010108)
       592847.59   4123079.92       80.49522  (13010108)                592887.59
4123079.92       72.99627  (13012508)
       592927.59   4123079.92       88.20901  (13012508)                592967.59
4123079.92       88.12042  (13012508)
       593007.59   4123079.92       83.39528  (13012608)                593047.59
4123079.92       76.59160  (13012608)
       593087.59   4123079.92       67.89772  (13012608)                593127.59
4123079.92       63.09218  (14122408)
       593167.59   4123079.92       60.60602  (14122408)                593207.59
4123079.92       57.75970  (13111408)
       593247.59   4123079.92       54.19372  (13111408)                593287.59
4123079.92       51.92035  (16123008)
       593327.59   4123079.92       49.91001  (16123008)                593367.59
4123079.92       47.29168  (16123008)
       593407.59   4123079.92       43.92186  (16123008)                593447.59
4123079.92       40.41235  (14010808)
       593487.59   4123079.92       38.81929  (17112408)                593527.59
4123079.92       37.67739  (17112408)
       593567.59   4123079.92       36.07570  (17112408)                593607.59
4123079.92       34.21554  (17112408)
       593647.59   4123079.92       32.04055  (17112408)                593687.59
4123079.92       29.63394  (17112408)
       593727.59   4123079.92       26.62668  (14011108)                593767.59
4123079.92       25.29723  (14122208)
       593807.59   4123079.92       24.96723  (14122208)                593847.59
4123079.92       24.48390  (14122208)
       593887.59   4123079.92       23.92827  (14122208)                593927.59
4123079.92       23.27176  (14122208)
       593967.59   4123079.92       22.47340  (14122208)                594007.59
4123079.92       21.65661  (14122208)
       592567.59   4123119.92       65.37843  (13010808)                592607.59
4123119.92       84.42164  (13010808)
       592647.59   4123119.92       95.48953  (13010808)                592687.59
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 4123119.92       89.39942  (13010808)
        592727.59   4123119.92       88.44303  (15021808)                592767.59
 4123119.92       96.61983  (15021808)
        592807.59   4123119.92       94.68038  (13010108)                592847.59
 4123119.92       93.03646  (13010108)
        592887.59   4123119.92       92.73598  (13012508)                592927.59
 4123119.92      101.79935  (13012508)
        592967.59   4123119.92       96.00323  (13012608)                593007.59
 4123119.92       89.02139  (13012608)
        593047.59   4123119.92       79.71365  (13012608)                593087.59
 4123119.92       71.09276  (14122408)
        593127.59   4123119.92       67.73428  (14122408)                593167.59
 4123119.92       63.98699  (13111408)
        593207.59   4123119.92       59.72117  (13111408)                593247.59
 4123119.92       57.19211  (16123008)
        593287.59   4123119.92       54.50046  (16123008)                593327.59
 4123119.92       51.09118  (16123008)
        593367.59   4123119.92       47.17984  (16123008)                593407.59
 4123119.92       43.90497  (17112408)
        593447.59   4123119.92       42.52017  (17112408)                593487.59
 4123119.92       40.68001  (17112408)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITEL ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        593527.59   4123119.92       38.51289  (17112408)                593567.59
 4123119.92       35.95485  (17112408)
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593607.59 4123119.92 33.23033 (17112408) 593647.59
4123119.92 29.81780 (17112408)
593687.59 4123119.92 28.66541 (14122208) 593727.59
4123119.92 28.14018 (14122208)
593767.59 4123119.92 27.43912 (14122208) 593807.59
4123119.92 26.55771 (14122208)
593847.59 4123119.92 25.54742 (14122208) 593887.59
4123119.92 24.51656 (14122208)
593927.59 4123119.92 23.41035 (14122208) 593967.59
4123119.92 22.22556 (14122208)
594007.59 4123119.92 21.07786 (14122208) 592567.59
4123159.92 68.47690 (17120508)
592607.59 4123159.92 80.85411 (13010808) 592647.59
4123159.92 106.52358 (13010808)
592687.59 4123159.92 117.75639 (13010808) 592727.59
4123159.92 98.70097 (15020708)
592767.59 4123159.92 118.94378 (15021808) 592807.59
4123159.92 113.21374 (13010108)
592847.59 4123159.92 109.48603 (13010108) 592887.59
4123159.92 116.30559 (13012508)
592927.59 4123159.92 114.93961 (13012508) 592967.59
4123159.92 105.04976 (13012608)
593007.59 4123159.92 94.16961 (13012608) 593047.59
4123159.92 82.72100 (13012608)
593087.59 4123159.92 76.71653 (14122408) 593127.59
4123159.92 71.68202 (13111408)
593167.59 4123159.92 66.61647 (16123008) 593207.59
4123159.92 63.43830 (16123008)
593247.59 4123159.92 59.66812 (16123008) 593287.59
4123159.92 55.54818 (16123008)
593327.59 4123159.92 50.86679 (16123008) 593367.59
4123159.92 48.37967 (17112408)
593407.59 4123159.92 46.30339 (17112408) 593447.59
4123159.92 43.75260 (17112408)
593487.59 4123159.92 40.87533 (17112408) 593527.59
4123159.92 37.68848 (17112408)
593567.59 4123159.92 33.72761 (17112408) 593607.59
4123159.92 32.61303 (14122208)
593647.59 4123159.92 31.76845 (14122208) 593687.59
4123159.92 30.73908 (14122208)
593727.59 4123159.92 29.56468 (14122208) 593767.59
4123159.92 28.26983 (14122208)
593807.59 4123159.92 26.86005 (14122208) 593847.59
4123159.92 25.35781 (14122208)
593887.59 4123159.92 23.87786 (14122208) 593927.59
4123159.92 22.64400 (13112208)
593967.59 4123159.92 21.68580 (13112208) 594007.59
4123159.92 20.75133 (13112208)
592567.59 4123199.92 83.61484 (17120508) 592607.59
4123199.92 87.76903 (17120508)

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       592647.59   4123199.92      102.44193  (13010808)                592687.59
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       592727.59   4123199.92      148.74821  (13010808)                592767.59
 4123199.92      148.40892  (15021808)
       592807.59   4123199.92      141.40197  (13010108)                592847.59
 4123199.92      132.00152  (13010108)
       592887.59   4123199.92      141.85261  (13012508)                592927.59
 4123199.92      127.61435  (13012508)
       592967.59   4123199.92      113.38746  (13012608)                593007.59
 4123199.92       99.47586  (13012608)
       593047.59   4123199.92       88.40648  (14122408)                593087.59
 4123199.92       81.30595  (13111408)
       593127.59   4123199.92       75.57939  (16123008)                593167.59
 4123199.92       70.80345  (16123008)
       593207.59   4123199.92       65.84838  (16123008)                593247.59
 4123199.92       60.70226  (16123008)
       593287.59   4123199.92       56.06200  (17112408)                593327.59
 4123199.92       53.19885  (17112408)
       593367.59   4123199.92       50.25593  (17112408)                593407.59
 4123199.92       46.87303  (17112408)
       593447.59   4123199.92       43.20862  (17112408)                593487.59
 4123199.92       39.30473  (17112408)
       593527.59   4123199.92       37.22699  (14122208)                593567.59
 4123199.92       35.98494  (14122208)
       593607.59   4123199.92       34.55792  (14122208)                593647.59
 4123199.92       32.96302  (14122208)
       593687.59   4123199.92       31.16885  (14122208)                593727.59
 4123199.92       29.38060  (14122208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 466
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITEL ***
                                   INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	27.55855	(14122208)	593807.59	4123199.92	26.00207	(13112208)
593847.59	4123199.92	24.75483	(13112208)	593887.59	4123199.92	23.48560	(13112208)
593927.59	4123199.92	22.21175	(13112208)	593967.59	4123199.92	21.58461	(16021308)
594007.59	4123199.92	21.08049	(16021308)	592567.59	4123239.92	89.51709	(15013008)
592607.59	4123239.92	102.62268	(15013008)	592647.59	4123239.92	116.73015	(17120508)
592687.59	4123239.92	138.58417	(13010808)	592727.59	4123239.92	202.24772	(13010808)
592767.59	4123239.92	188.61418	(13010808)	592807.59	4123239.92	190.31795	(13010108)
592847.59	4123239.92	181.59850	(13012508)	592887.59	4123239.92	166.10080	(13012508)
592927.59	4123239.92	141.11557	(13012508)	592967.59	4123239.92	122.75425	(13012608)
593007.59	4123239.92	105.25021	(13012608)	593047.59	4123239.92	94.09957	(14122408)
593087.59	4123239.92	86.23006	(16123008)	593127.59	4123239.92	79.62566	(16123008)
593167.59	4123239.92	73.25631	(16123008)	593207.59	4123239.92	66.96699	(16123008)
593247.59	4123239.92	62.37963	(17112408)	593287.59	4123239.92	58.40252	(17112408)
593327.59	4123239.92	54.44283	(17112408)	593367.59	4123239.92	50.10225	(17112408)
593407.59	4123239.92	45.46331	(17112408)	593447.59	4123239.92	42.84029	(14122208)
593487.59	4123239.92	40.97252	(14122208)	593527.59	4123239.92	38.89128	(14122208)
593567.59	4123239.92	36.79672	(14122208)	593607.59	4123239.92	34.52567	(14122208)
593647.59	4123239.92	32.18322	(14122208)	593687.59	4123239.92	30.19122	(13112208)
593727.59	4123239.92	28.57749	(13112208)	593767.59	4123239.92	27.17633	(16021308)
593807.59	4123239.92	26.37968	(16021308)	593847.59	4123239.92	25.60587	(16021308)
593887.59	4123239.92	24.77428	(16021308)	593927.59	4123239.92	23.92329	(16021308)
593967.59	4123239.92	23.06563	(16021308)	594007.59	4123239.92	22.26466	(16021308)
592567.59	4123279.92	81.97354	(15013008)	592607.59			

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 4123279.92      102.80351  (15013008)
       592647.59   4123279.92      128.22940  (15013008)                592687.59
 4123279.92      159.99492  (17120508)
       592727.59   4123279.92      203.26247  (13010808)                592767.59
 4123279.92      342.65938  (13010808)
       592807.59   4123279.92      303.16012  (15021808)                592847.59
 4123279.92      244.90368  (13012508)
       592887.59   4123279.92      192.76674  (13012508)                592927.59
 4123279.92      158.18492  (13012508)
       592967.59   4123279.92      133.34138  (13012608)                593007.59
 4123279.92      113.07724  (14122408)
       593047.59   4123279.92      100.44673  (16123008)                593087.59
 4123279.92       91.21192  (16123008)
       593127.59   4123279.92       82.63680  (16123008)                593167.59
 4123279.92       75.24261  (17112408)
       593207.59   4123279.92       69.66232  (17112408)                593247.59
 4123279.92       64.40256  (17112408)
       593287.59   4123279.92       59.35219  (17112408)                593327.59
 4123279.92       53.68848  (17112408)
       593367.59   4123279.92       49.63883  (14122208)                593407.59
 4123279.92       46.45511  (14122208)
       593447.59   4123279.92       43.96827  (14122208)                593487.59
 4123279.92       41.45487  (14122208)
       593527.59   4123279.92       38.49869  (14122208)                593567.59
 4123279.92       35.68667  (13112208)
       593607.59   4123279.92       34.27614  (16021308)                593647.59
 4123279.92       32.90583  (16021308)
       593687.59   4123279.92       31.67890  (16021308)                593727.59
 4123279.92       30.47713  (16021308)
       593767.59   4123279.92       29.22937  (16021308)                593807.59
 4123279.92       28.01550  (16021308)
       593847.59   4123279.92       26.85130  (16021308)                593887.59
 4123279.92       25.67288  (16021308)
       593927.59   4123279.92       24.54139  (16021308)                593967.59
 4123279.92       23.43868  (16021308)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 467
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITEL ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                L0006627    , L0006628    , L0006629    , L0006630    , L0006631
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, L0006632   , L0006633   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123279.92	22.44981	(16021308)	592567.59	4123319.92	80.22736	(17011308)
592607.59	4123319.92	94.52268	(14122708)	592647.59	4123319.92	114.29528	(15013008)
592687.59	4123319.92	153.61172	(15013008)	592727.59	4123319.92	217.06005	(15013008)
592767.59	4123319.92	363.70712	(17120508)	592807.59	4123319.92	448.87798	(14122015)
592847.59	4123319.92	316.44574	(13012508)	592887.59	4123319.92	230.33839	(13012508)
592927.59	4123319.92	180.87985	(13012508)	592967.59	4123319.92	146.05612	(13012608)
593007.59	4123319.92	122.77179	(14122408)	593047.59	4123319.92	107.01139	(16123008)
593087.59	4123319.92	95.44386	(16123008)	593127.59	4123319.92	86.22508	(17112408)
593167.59	4123319.92	78.41890	(17112408)	593207.59	4123319.92	71.62607	(17112408)
593247.59	4123319.92	65.22824	(17112408)	593287.59	4123319.92	58.26664	(14122208)
593327.59	4123319.92	54.35700	(14122208)	593367.59	4123319.92	50.31944	(14122208)
593407.59	4123319.92	45.69494	(16021308)	593447.59	4123319.92	44.30901	(16021308)
593487.59	4123319.92	42.54062	(16021308)	593527.59	4123319.92	40.45241	(16021308)
593567.59	4123319.92	38.58693	(16021308)	593607.59	4123319.92	36.66431	(16021308)
593647.59	4123319.92	34.72410	(16021308)	593687.59	4123319.92	32.92354	(16021308)
593727.59	4123319.92	31.28140	(16021308)	593767.59	4123319.92	29.64879	(16021308)
593807.59	4123319.92	28.09318	(16021308)	593847.59	4123319.92	26.61856	(16021308)
593887.59	4123319.92	25.18144	(16021308)	593927.59	4123319.92	23.86264	(16021308)
593967.59	4123319.92	22.59789	(16021308)	594007.59	4123319.92	21.50756	(16021308)

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       592567.59   4123359.92       80.53020  (17011608)                592607.59
 4123359.92       92.60151  (17011608)
       592647.59   4123359.92      109.01626  (17011308)                592687.59
 4123359.92      132.02710  (17011308)
       592727.59   4123359.92      176.27642  (15013008)                592767.59
 4123359.92      273.29055  (17120508)
       592807.59   4123359.92      552.64999  (14122015)                592847.59
 4123359.92      545.80679  (13030208)
       592887.59   4123359.92      285.34404  (13012508)                592927.59
 4123359.92      211.58682  (13012508)
       592967.59   4123359.92      161.65025  (13012608)                593007.59
 4123359.92      133.62896  (14122408)
       593047.59   4123359.92      115.37404  (17112408)                593087.59
 4123359.92      101.52436  (17112408)
       593127.59   4123359.92       90.27077  (17112408)                593167.59
 4123359.92       80.91987  (17112408)
       593207.59   4123359.92       72.58809  (17112408)                593247.59
 4123359.92       65.39169  (16021308)
       593287.59   4123359.92       61.02427  (16021308)                593327.59
 4123359.92       57.05160  (16021308)
       593367.59   4123359.92       53.21818  (16021308)                593407.59
 4123359.92       49.04544  (16021308)
       593447.59   4123359.92       46.23656  (16021308)                593487.59
 4123359.92       44.07189  (16021308)
       593527.59   4123359.92       41.70692  (16021308)                593567.59
 4123359.92       39.16941  (16021308)
       593607.59   4123359.92       36.70407  (16021308)                593647.59
 4123359.92       34.35146  (16021308)
       593687.59   4123359.92       32.15118  (16021308)                593727.59
 4123359.92       30.17411  (16021308)
       593767.59   4123359.92       28.29410  (16021308)                593807.59
 4123359.92       26.50582  (16021308)
       593847.59   4123359.92       24.86821  (16021308)                593887.59
 4123359.92       23.35142  (16021308)
       593927.59   4123359.92       21.93922  (16021308)                593967.59
 4123359.92       20.59332  (16021308)
       594007.59   4123359.92       19.33481  (16021308)                592567.59
 4123399.92       75.13572  (17011608)
       592607.59   4123399.92       86.03942  (17011608)                592647.59
 4123399.92      100.05461  (17011608)
       592687.59   4123399.92      126.27907  (15112108)                592727.59
 4123399.92      158.82702  (15112108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 468
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITEL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	206.72882	(14122708)	592807.59	4123399.92	354.29484	(14090908)
592847.59	4123399.92	651.85031	(14122015)	592887.59	4123399.92	384.60651	(13030208)
592927.59	4123399.92	252.40405	(13012508)	592967.59	4123399.92	182.53004	(13012508)
593007.59	4123399.92	147.52117	(17112408)	593047.59	4123399.92	125.03968	(17112408)
593087.59	4123399.92	107.42507	(17112408)	593127.59	4123399.92	93.94501	(17112408)
593167.59	4123399.92	82.27648	(17112408)	593207.59	4123399.92	75.23191	(16021308)
593247.59	4123399.92	69.55995	(16021308)	593287.59	4123399.92	64.18597	(16021308)
593327.59	4123399.92	59.31433	(16021308)	593367.59	4123399.92	54.94398	(16021308)
593407.59	4123399.92	50.71723	(16021308)	593447.59	4123399.92	46.87813	(16021308)
593487.59	4123399.92	43.60797	(16021308)	593527.59	4123399.92	40.08942	(16021308)
593567.59	4123399.92	37.09231	(16021308)	593607.59	4123399.92	34.27834	(16021308)
593647.59	4123399.92	31.68573	(16021308)	593687.59	4123399.92	29.35396	(16021308)
593727.59	4123399.92	27.17376	(16021308)	593767.59	4123399.92	25.19141	(16021308)
593807.59	4123399.92	23.36010	(16021308)	593847.59	4123399.92	21.69577	(16021308)
593887.59	4123399.92	20.25738	(15112608)	593927.59	4123399.92	19.29536	(15112608)
593967.59	4123399.92	18.42015	(15112608)	594007.59			

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4123399.92       17.63202  (15112608)
       592567.59   4123439.92       72.80694  (14121208)                592607.59
4123439.92       87.97004  (15112108)
       592647.59   4123439.92      104.62460  (15112108)                592687.59
4123439.92      122.88743  (15112108)
       592727.59   4123439.92      144.33025  (15112108)                592767.59
4123439.92      177.28109  (14111808)
       592807.59   4123439.92      255.08682  (13111108)                592847.59
4123439.92      643.54760  (17101908)
       592887.59   4123439.92      569.21993  (13030208)                592927.59
4123439.92      310.80038  (13012508)
       592967.59   4123439.92      208.81836  (13012508)                593007.59
4123439.92      164.42912  (17112408)
       593047.59   4123439.92      134.26468  (17112408)                593087.59
4123439.92      113.11767  (17112408)
       593127.59   4123439.92       97.01333  (16021308)                593167.59
4123439.92       86.06254  (16021308)
       593207.59   4123439.92       78.03405  (16021308)                593247.59
4123439.92       70.60883  (16021308)
       593287.59   4123439.92       64.02746  (16021308)                593327.59
4123439.92       58.04691  (16021308)
       593367.59   4123439.92       52.75692  (16021308)                593407.59
4123439.92       47.97394  (16021308)
       593447.59   4123439.92       43.60462  (16021308)                593487.59
4123439.92       39.57653  (16021308)
       593527.59   4123439.92       35.42501  (15112608)                593567.59
4123439.92       33.11082  (15112608)
       593607.59   4123439.92       30.95564  (15112608)                593647.59
4123439.92       29.00486  (15112608)
       593687.59   4123439.92       27.29357  (15112608)                593727.59
4123439.92       25.71803  (15112608)
       593767.59   4123439.92       24.28935  (15112608)                593807.59
4123439.92       23.01244  (15112608)
       593847.59   4123439.92       21.88412  (15112608)                593887.59
4123439.92       20.87211  (15112608)
       593927.59   4123439.92       19.95291  (15112608)                593967.59
4123439.92       19.08889  (15112608)
       594007.59   4123439.92       18.28277  (15112608)                592567.59
4123479.92       78.40401  (15112108)
       592607.59   4123479.92       89.40030  (15112108)                592647.59
4123479.92      100.66743  (15112108)
       592687.59   4123479.92      114.21169  (14120908)                592727.59
4123479.92      132.13053  (15112108)
       592767.59   4123479.92      157.92230  (15112108)                592807.59
4123479.92      210.11772  (16111708)
       592847.59   4123479.92      384.70600  (17101908)                592887.59
4123479.92      648.46300  (15021909)
       592927.59   4123479.92      482.95260  (13030208)                592967.59
4123479.92      250.25987  (15121908)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                INCLUDING SOURCE(S):   L0006614   , L0006615
 , L0006616   , L0006617   , L0006618   ,
                 L0006619   , L0006620   , L0006621   , L0006622   , L0006623
 , L0006624   , L0006625   , L0006626   ,
                 L0006627   , L0006628   , L0006629   , L0006630   , L0006631
 , L0006632   , L0006633   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        593007.59   4123479.92   182.72523 (17112408)   593047.59
 4123479.92   144.15461 (17112408)
        593087.59   4123479.92   116.17741 (17112408)   593127.59
 4123479.92   99.64883 (16021308)
        593167.59   4123479.92   87.41806 (16021308)   593207.59
 4123479.92   76.11421 (16021308)
        593247.59   4123479.92   66.71767 (16021308)   593287.59
 4123479.92   58.67238 (16021308)
        593327.59   4123479.92   53.14023 (15112608)   593367.59
 4123479.92   48.52386 (15112608)
        593407.59   4123479.92   44.20362 (15112608)   593447.59
 4123479.92   40.49074 (15112608)
        593487.59   4123479.92   37.32671 (15112608)   593527.59
 4123479.92   34.63355 (15112608)
        593567.59   4123479.92   32.29836 (15112608)   593607.59
 4123479.92   30.22244 (15112608)
        593647.59   4123479.92   28.37562 (15112608)   593687.59
 4123479.92   26.75127 (15112608)
        593727.59   4123479.92   25.29492 (15112608)   593767.59
 4123479.92   24.01768 (15112608)
        593807.59   4123479.92   22.86705 (15112608)   593847.59
 4123479.92   21.74221 (15112608)
        593887.59   4123479.92   20.67433 (15112608)   593927.59
 4123479.92   19.69124 (15112608)

593967.59 4123479.92 18.77007 (15112608) 594007.59
4123479.92 17.93976 (15112608)
592567.59 4123519.92 78.16450 (16122608) 592607.59
4123519.92 85.81112 (13121608)
592647.59 4123519.92 95.28791 (14120908) 592687.59
4123519.92 106.59319 (14120908)
592727.59 4123519.92 121.18373 (14120908) 592767.59
4123519.92 141.66444 (15112108)
592807.59 4123519.92 180.00609 (14112008) 592847.59
4123519.92 248.94487 (17101908)
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4123519.92 561.50243 (15021909)
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593047.59 4123519.92 147.09312 (15011908) 593087.59
4123519.92 116.17473 (16021308)
593127.59 4123519.92 94.31614 (16021308) 593167.59
4123519.92 80.03576 (15112608)
593207.59 4123519.92 69.13233 (15112608) 593247.59
4123519.92 60.67859 (15112608)
593287.59 4123519.92 53.89170 (15112608) 593327.59
4123519.92 48.33868 (15112608)
593367.59 4123519.92 43.81012 (15112608) 593407.59
4123519.92 40.09960 (15112608)
593447.59 4123519.92 36.94647 (15112608) 593487.59
4123519.92 34.22080 (15112608)
593527.59 4123519.92 31.85604 (15112608) 593567.59
4123519.92 29.81563 (15112608)
593607.59 4123519.92 28.05140 (15112608) 593647.59
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593687.59 4123519.92 25.00332 (15112608) 593727.59
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593767.59 4123519.92 22.37576 (15112608) 593807.59
4123519.92 21.17702 (15112608)
593847.59 4123519.92 20.14066 (15112608) 593887.59
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593927.59 4123519.92 18.27552 (15112608) 593967.59
4123519.92 17.43325 (15112608)
594007.59 4123519.92 16.68852 (15112608) 592567.59
4123559.92 76.63870 (13121608)
592607.59 4123559.92 82.30867 (13121608) 592647.59
4123559.92 89.69422 (15120808)
592687.59 4123559.92 98.91421 (14120908) 592727.59
4123559.92 110.91759 (14120908)
592767.59 4123559.92 127.25523 (14122008) 592807.59
4123559.92 155.69055 (14112008)
592847.59 4123559.92 197.42994 (15123108) 592887.59
4123559.92 331.66830 (17101908)
592927.59 4123559.92 585.62942 (17101908) 592967.59
4123559.92 500.47772 (13030208)

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITEL ***
                                INCLUDING SOURCE(S):   L0006614   , L0006615
 , L0006616   , L0006617   , L0006618   ,
                 L0006619   , L0006620   , L0006621   , L0006622   , L0006623
 , L0006624   , L0006625   , L0006626   ,
                 L0006627   , L0006628   , L0006629   , L0006630   , L0006631
 , L0006632   , L0006633   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       593247.59   4123559.92   60.80994 (17112208)   593287.59
 4123559.92   52.19160 (17112208)
       593327.59   4123559.92   45.16933 (13011408)   593367.59
 4123559.92   40.46451 (17112108)
       593407.59   4123559.92   37.35555 (17112108)   593447.59
 4123559.92   34.66812 (17112108)
       593487.59   4123559.92   32.30249 (17112108)   593527.59
 4123559.92   30.22158 (17112108)
       593567.59   4123559.92   28.37657 (17112108)   593607.59
 4123559.92   26.65582 (17112108)
       593647.59   4123559.92   25.10573 (17112108)   593687.59
 4123559.92   23.69449 (17112108)
       593727.59   4123559.92   22.39825 (17112108)   593767.59
 4123559.92   21.20561 (17112108)
       593807.59   4123559.92   20.07617 (17112108)   593847.59
 4123559.92   19.08292 (17112108)
       593887.59   4123559.92   18.13181 (17112108)   593927.59

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4123559.92       17.28012  (17112108)
       593967.59   4123559.92       16.46829  (17112108)                594007.59
4123559.92       15.73541  (17112108)
       592567.59   4123599.92       72.71737  (15120808)                592607.59
4123599.92       78.24528  (15120808)
       592647.59   4123599.92       85.10090  (15120808)                592687.59
4123599.92       93.18920  (15120908)
       592727.59   4123599.92      103.41471  (16010808)                592767.59
4123599.92      118.18491  (14112008)
       592807.59   4123599.92      133.06378  (14112008)                592847.59
4123599.92      153.06490  (15123108)
       592887.59   4123599.92      210.47626  (17101908)                592927.59
4123599.92      364.82701  (17101908)
       592967.59   4123599.92      616.02619  (15021909)                593007.59
4123599.92      268.02986  (15011008)
       593047.59   4123599.92      177.36107  (13121908)                593087.59
4123599.92      134.41483  (13121908)
       593127.59   4123599.92      108.40872  (13122008)                593167.59
4123599.92       89.72403  (15121908)
       593207.59   4123599.92       75.82721  (17112208)                593247.59
4123599.92       66.98890  (17112208)
       593287.59   4123599.92       59.12749  (17112208)                593327.59
4123599.92       52.12832  (17112208)
       593367.59   4123599.92       46.36397  (13011408)                593407.59
4123599.92       41.18840  (13011408)
       593447.59   4123599.92       36.43755  (13011408)                593487.59
4123599.92       32.35048  (13011408)
       593527.59   4123599.92       28.62782  (13011408)                593567.59
4123599.92       26.56799  (15110208)
       593607.59   4123599.92       25.06012  (15110208)                593647.59
4123599.92       23.71376  (15110208)
       593687.59   4123599.92       22.46434  (15110208)                593727.59
4123599.92       21.25794  (15110208)
       593767.59   4123599.92       20.13783  (15110208)                593807.59
4123599.92       19.09149  (15110208)
       593847.59   4123599.92       18.13884  (17112108)                593887.59
4123599.92       17.33686  (17112108)
       593927.59   4123599.92       16.62553  (17112108)                593967.59
4123599.92       15.92260  (17112108)
       594007.59   4123599.92       15.29662  (17112108)                593087.59
4123639.92      141.91819  (15011008)
       593127.59   4123639.92      118.09791  (13121908)                593167.59
4123639.92       98.72799  (13122008)
       593207.59   4123639.92       84.65213  (13122008)                593247.59
4123639.92       71.40855  (13122008)
       593287.59   4123639.92       61.52012  (15121908)                593327.59
4123639.92       54.21514  (17112208)
       593367.59   4123639.92       49.01003  (17112208)                593407.59
4123639.92       44.25173  (17112208)
       593447.59   4123639.92       40.02542  (13011408)                593487.59
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 4123639.92       36.25388  (13011408)
       593527.59   4123639.92       32.72761  (13011408)                593567.59
 4123639.92       29.52274  (13011408)
       593607.59   4123639.92       26.64140  (13011408)                593647.59
 4123639.92       23.96838  (13011408)
       593687.59   4123639.92       21.67272  (13011408)                593727.59
 4123639.92       19.79042  (15110208)
       593767.59   4123639.92       18.99248  (15110208)                593807.59
 4123639.92       18.19278  (15110208)
       593847.59   4123639.92       17.44803  (15110208)                593887.59
 4123639.92       16.68621  (15110208)
       593927.59   4123639.92       16.02166  (15110208)                593967.59
 4123639.92       15.34795  (15110208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 471
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITEL ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        594007.59   4123639.92       14.73589  (15110208)                593087.59
 4123679.92      145.27313  (15122808)
       593127.59   4123679.92      120.93417  (15011008)                593167.59
 4123679.92       99.68143  (13121908)
       593207.59   4123679.92       86.66134  (13121908)                593247.59
 4123679.92       74.86681  (13122008)
       593287.59   4123679.92       64.95918  (13122008)                593327.59
 4123679.92       56.27844  (13122008)
       593367.59   4123679.92       49.73406  (15121908)                593407.59
 4123679.92       43.75289  (15121908)
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593447.59 4123679.92 40.50606 (17112208) 593487.59
4123679.92 37.33276 (17112208)
593527.59 4123679.92 34.35802 (13011408) 593567.59
4123679.92 31.64330 (13011408)
593607.59 4123679.92 29.13761 (13011408) 593647.59
4123679.92 26.74363 (13011408)
593687.59 4123679.92 24.50070 (13011408) 593727.59
4123679.92 22.41206 (13011408)
593767.59 4123679.92 20.46365 (13011408) 593807.59
4123679.92 18.61287 (13011408)
593847.59 4123679.92 16.97813 (13011408) 593887.59
4123679.92 15.40749 (13011408)
593927.59 4123679.92 14.81897 (15110208) 593967.59
4123679.92 14.34681 (15110208)
594007.59 4123679.92 13.90190 (15110208) 593087.59
4123719.92 127.74426 (17010508)
593127.59 4123719.92 111.38655 (15122808) 593167.59
4123719.92 96.52352 (15011008)
593207.59 4123719.92 79.82105 (14013008) 593247.59
4123719.92 71.98063 (13121908)
593287.59 4123719.92 64.36581 (13121908) 593327.59
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593367.59 4123719.92 51.66203 (13122008) 593407.59
4123719.92 45.68180 (13122008)
593447.59 4123719.92 41.13522 (15121908) 593487.59
4123719.92 36.90896 (15121908)
593527.59 4123719.92 33.79684 (17112208) 593567.59
4123719.92 31.80383 (17112208)
593607.59 4123719.92 29.68732 (17112208) 593647.59
4123719.92 27.73721 (13011408)
593687.59 4123719.92 25.90723 (13011408) 593727.59
4123719.92 24.07863 (13011408)
593767.59 4123719.92 22.35638 (13011408) 593807.59
4123719.92 20.64893 (13011408)
593847.59 4123719.92 19.04451 (13011408) 593887.59
4123719.92 17.52210 (13011408)
593927.59 4123719.92 16.16905 (13011408) 593967.59
4123719.92 14.87848 (13011408)
594007.59 4123719.92 13.69502 (13011408) 593087.59
4123759.92 102.65760 (15122608)
593127.59 4123759.92 99.78966 (17010508) 593167.59
4123759.92 89.07916 (15122808)
593207.59 4123759.92 77.33399 (15011008) 593247.59
4123759.92 68.23098 (15011008)
593287.59 4123759.92 60.38629 (13121908) 593327.59
4123759.92 56.26677 (13121908)
593367.59 4123759.92 50.57499 (13121908) 593407.59
4123759.92 46.39157 (13122008)
593447.59 4123759.92 42.31113 (13122008) 593487.59
4123759.92 38.08231 (13122008)

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       593527.59   4123759.92       34.68873  (15121908)                593567.59
 4123759.92       31.65601  (15121908)
       593607.59   4123759.92       28.60842  (17112208)                593647.59
 4123759.92       27.29974  (17112208)
       593687.59   4123759.92       25.90355  (17112208)                593727.59
 4123759.92       24.38869  (17112208)
       593767.59   4123759.92       22.96272  (13011408)                593807.59
 4123759.92       21.56625  (13011408)
       593847.59   4123759.92       20.21788  (13011408)                593887.59
 4123759.92       18.95376  (13011408)
       593927.59   4123759.92       17.68690  (13011408)                593967.59
 4123759.92       16.45922  (13011408)
       594007.59   4123759.92       15.32205  (13011408)                593087.59
 4123799.92       88.13215  (17111408)
       593127.59   4123799.92       83.45500  (15122608)                593167.59
 4123799.92       78.67392  (17010508)
       593207.59   4123799.92       71.61254  (15122808)                593247.59
 4123799.92       64.94681  (15011008)
       593287.59   4123799.92       59.16888  (15011008)                593327.59
 4123799.92       51.96151  (14013008)
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                   PAGE 472
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITEL ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593367.59   4123799.92       48.93554  (13121908)                593407.59
 4123799.92       45.53967  (13121908)
       593447.59   4123799.92       41.16230  (13121908)                593487.59
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4123799.92       38.58963  (13122008)
       593527.59   4123799.92       35.61044  (13122008)                593567.59
4123799.92       32.30003  (13122008)
       593607.59   4123799.92       29.84434  (15121908)                593647.59
4123799.92       27.48219  (15121908)
       593687.59   4123799.92       25.11536  (15121908)                593727.59
4123799.92       23.68547  (17112208)
       593767.59   4123799.92       22.64924  (17112208)                593807.59
4123799.92       21.55886  (17112208)
       593847.59   4123799.92       20.44715  (17112208)                593887.59
4123799.92       19.42060  (13011408)
       593927.59   4123799.92       18.39525  (13011408)                593967.59
4123799.92       17.34563  (13011408)
       594007.59   4123799.92       16.37195  (13011408)                593087.59
4123839.92       73.07428  (17122008)
       593127.59   4123839.92       68.83563  (17111408)                593167.59
4123839.92       67.93504  (15122608)
       593207.59   4123839.92       65.96595  (17010508)                593247.59
4123839.92       60.66172  (15122808)
       593287.59   4123839.92       55.50894  (15011008)                593327.59
4123839.92       51.78967  (15011008)
       593367.59   4123839.92       46.13533  (14013008)                593407.59
4123839.92       42.63018  (13121908)
       593447.59   4123839.92       40.76345  (13121908)                593487.59
4123839.92       37.74263  (13121908)
       593527.59   4123839.92       34.77481  (13122008)                593567.59
4123839.92       32.78434  (13122008)
       593607.59   4123839.92       30.46764  (13122008)                593647.59
4123839.92       27.88352  (13122008)
       593687.59   4123839.92       25.93660  (15121908)                593727.59
4123839.92       24.19950  (15121908)
       593767.59   4123839.92       22.28244  (15121908)                593807.59
4123839.92       20.65190  (17112208)
       593847.59   4123839.92       19.97616  (17112208)                593887.59
4123839.92       19.20583  (17112208)
       593927.59   4123839.92       18.35557  (17112208)                593967.59
4123839.92       17.46539  (17112208)
       594007.59   4123839.92       16.66951  (13011408)                593087.59
4123879.92       69.79724  (16011108)
       593127.59   4123879.92       61.86607  (17111408)                593167.59
4123879.92       59.33154  (15122608)
       593207.59   4123879.92       58.11365  (17010508)                593247.59
4123879.92       56.47940  (17010508)
       593287.59   4123879.92       52.37718  (15122808)                593327.59
4123879.92       48.08529  (15011008)
       593367.59   4123879.92       45.72261  (15011008)                593407.59
4123879.92       41.18360  (15011008)
       593447.59   4123879.92       37.17000  (13121908)                593487.59
4123879.92       36.28972  (13121908)
       593527.59   4123879.92       34.42412  (13121908)                593567.59
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 4123879.92       31.89409  (13121908)
       593607.59   4123879.92       29.94293  (13122008)                593647.59
 4123879.92       28.36903  (13122008)
       593687.59   4123879.92       26.43485  (13122008)                593727.59
 4123879.92       24.39987  (13122008)
       593767.59   4123879.92       22.87081  (15121908)                593807.59
 4123879.92       21.47481  (15121908)
       593847.59   4123879.92       19.96640  (15121908)                593887.59
 4123879.92       18.41047  (15121908)
       593927.59   4123879.92       17.69033  (17112208)                593967.59
 4123879.92       17.13363  (17112208)
       594007.59   4123879.92       16.53688  (17112208)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
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                       ***        17:51:42

                                  PAGE 473
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       592567.59   4122799.92      134.60714  (17120508)                592607.59
 4122799.92      137.79575  (17120508)
       592647.59   4122799.92      138.41109  (17120508)                592687.59
 4122799.92      134.47668  (17120508)
       592727.59   4122799.92      129.13499  (17120508)                592767.59
 4122799.92      121.63448  (17120508)
       592807.59   4122799.92      112.59344  (17120508)                592847.59
 4122799.92      114.01666  (13010808)
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592887.59 4122799.92 134.99611 (13010808) 592927.59 4122799.92 146.07701 (13010808)
592967.59 4122799.92 148.84848 (13010808) 593007.59 4122799.92 146.51870 (13010808)
593047.59 4122799.92 139.89841 (13010808) 593087.59 4122799.92 134.25759 (15020708)
593127.59 4122799.92 128.95009 (15020708) 593167.59 4122799.92 126.58373 (15021808)
593207.59 4122799.92 119.40649 (15021808) 593247.59 4122799.92 126.04156 (13010108)
593287.59 4122799.92 145.02320 (13010108) 593327.59 4122799.92 140.97796 (13010108)
593367.59 4122799.92 131.47962 (15011708) 593407.59 4122799.92 116.91911 (15011708)
593447.59 4122799.92 141.12974 (13030408) 593487.59 4122799.92 174.64205 (13012508)
593527.59 4122799.92 197.63537 (13012508) 593567.59 4122799.92 194.46979 (13012608)
593607.59 4122799.92 194.62567 (13012608) 593647.59 4122799.92 174.61520 (13012608)
593687.59 4122799.92 161.94650 (17021008) 593727.59 4122799.92 171.63287 (17021008)
593767.59 4122799.92 166.07929 (17021008) 593807.59 4122799.92 172.60442 (14122408)
593847.59 4122799.92 171.62425 (14122408) 593887.59 4122799.92 172.13276 (13111408)
593927.59 4122799.92 164.70793 (13111408) 593967.59 4122799.92 154.63141 (16123008)
594007.59 4122799.92 162.27357 (16123008) 592567.59 4122839.92 134.53171 (15013008)
592607.59 4122839.92 138.46286 (17120508) 592647.59 4122839.92 145.39017 (17120508)
592687.59 4122839.92 148.10542 (17120508) 592727.59 4122839.92 146.12682 (17120508)
592767.59 4122839.92 140.15812 (17120508) 592807.59 4122839.92 133.78586 (17120508)
592847.59 4122839.92 125.53209 (17120508) 592887.59 4122839.92 125.36227 (13010808)
592927.59 4122839.92 144.26481 (13010808) 592967.59 4122839.92 155.34694 (13010808)
593007.59 4122839.92 153.75471 (13010808) 593047.59 4122839.92 148.47939 (13010808)
593087.59 4122839.92 147.16172 (13010808) 593127.59 4122839.92 140.12677 (15020708)
593167.59 4122839.92 133.77037 (15021808) 593207.59 4122839.92 129.97914 (15021808)
593247.59 4122839.92 131.06084 (13010108) 593287.59 4122839.92 153.06395 (13010108)
593327.59 4122839.92 149.21171 (15011708) 593367.59 4122839.92 139.04207 (15011708)

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       593407.59   4122839.92      121.16607  (15011708)                593447.59
 4122839.92      156.61106  (13030408)
       593487.59   4122839.92      200.03401  (13012508)                593527.59
 4122839.92      209.23133  (13012508)
       593567.59   4122839.92      212.13261  (13012608)                593607.59
 4122839.92      199.00070  (13012608)
       593647.59   4122839.92      176.49697  (13012608)                593687.59
 4122839.92      182.36556  (17021008)
       593727.59   4122839.92      181.44310  (17021008)                593767.59
 4122839.92      183.93534  (14122408)
       593807.59   4122839.92      185.27287  (14122408)                593847.59
 4122839.92      184.98308  (13111408)
       593887.59   4122839.92      177.71821  (13111408)                593927.59
 4122839.92      168.49840  (16123008)
       593967.59   4122839.92      175.46403  (16123008)                594007.59
 4122839.92      174.95825  (16123008)
       592567.59   4122879.92      128.61115  (15013008)                592607.59
 4122879.92      138.01156  (15013008)
       592647.59   4122879.92      146.01765  (15013008)                592687.59
 4122879.92      153.43443  (17120508)
       592727.59   4122879.92      156.65438  (17120508)                592767.59
 4122879.92      156.29360  (17120508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 474
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                  L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                  L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                  L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       592807.59   4122879.92      154.16625  (17120508)                592847.59
4122879.92      147.26262  (17120508)
       592887.59   4122879.92      138.71574  (17120508)                592927.59
4122879.92      130.80355  (13010808)
       592967.59   4122879.92      151.31192  (13010808)                593007.59
4122879.92      161.94826  (13010808)
       593047.59   4122879.92      162.59274  (13010808)                593087.59
4122879.92      161.32831  (13010808)
       593127.59   4122879.92      156.52486  (13010808)                593167.59
4122879.92      140.46301  (15021808)
       593207.59   4122879.92      142.78421  (15021808)                593247.59
4122879.92      136.64311  (13010108)
       593287.59   4122879.92      163.96852  (13010108)                593327.59
4122879.92      159.26833  (15011708)
       593367.59   4122879.92      147.73238  (15011708)                593407.59
4122879.92      140.25419  (13030408)
       593447.59   4122879.92      177.96100  (13012508)                593487.59
4122879.92      224.05523  (13012508)
       593527.59   4122879.92      220.32671  (13012608)                593567.59
4122879.92      223.92681  (13012608)
       593607.59   4122879.92      202.85299  (13012608)                593647.59
4122879.92      192.24303  (17021008)
       593687.59   4122879.92      197.71014  (17021008)                593727.59
4122879.92      196.28389  (14122408)
       593767.59   4122879.92      200.68246  (14122408)                593807.59
4122879.92      199.68145  (13111408)
       593847.59   4122879.92      192.79131  (13111408)                593887.59
4122879.92      184.28423  (16123008)
       593927.59   4122879.92      190.48638  (16123008)                593967.59
4122879.92      188.21933  (16123008)
       594007.59   4122879.92      179.63650  (14010808)                592567.59
4122919.92      120.23796  (14122708)
       592607.59   4122919.92      129.20620  (15013008)                592647.59
4122919.92      141.68268  (15013008)
       592687.59   4122919.92      151.66866  (15013008)                592727.59
4122919.92      157.50997  (15013008)
       592767.59   4122919.92      164.88696  (17120508)                592807.59
4122919.92      169.68956  (17120508)
       592847.59   4122919.92      166.71938  (17120508)                592887.59
4122919.92      162.72463  (17120508)
       592927.59   4122919.92      149.93719  (17120508)                592967.59
4122919.92      139.29650  (17120508)
       593007.59   4122919.92      162.35247  (13010808)                593047.59
4122919.92      176.01780  (13010808)
       593087.59   4122919.92      175.99777  (13010808)                593127.59
4122919.92      170.07840  (13010808)
       593167.59   4122919.92      153.24977  (13010808)                593207.59
4122919.92      156.03569  (15021808)
       593247.59   4122919.92      143.70380  (15021808)                593287.59
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 4122919.92      177.44393  (13010108)
       593327.59   4122919.92      171.50976  (15011708)                593367.59
 4122919.92      157.05482  (15011708)
       593407.59   4122919.92      164.33982  (13030408)                593447.59
 4122919.92      214.76708  (13012508)
       593487.59   4122919.92      245.86016  (13012508)                593527.59
 4122919.92      245.56963  (13012608)
       593567.59   4122919.92      233.46859  (13012608)                593607.59
 4122919.92      207.92813  (13012608)
       593647.59   4122919.92      214.43883  (17021008)                593687.59
 4122919.92      209.83967  (14122408)
       593727.59   4122919.92      218.03380  (14122408)                593767.59
 4122919.92      216.57909  (13111408)
       593807.59   4122919.92      210.41574  (13111408)                593847.59
 4122919.92      202.39432  (16123008)
       593887.59   4122919.92      207.59410  (16123008)                593927.59
 4122919.92      203.39585  (16123008)
       593967.59   4122919.92      192.80729  (14010808)                594007.59
 4122919.92      178.56395  (14010808)
       592567.59   4122959.92      140.03461  (14122708)                592607.59
 4122959.92      139.03438  (14122708)
       592647.59   4122959.92      134.96564  (14122708)                592687.59
 4122959.92      143.37994  (15013008)
       592727.59   4122959.92      155.88330  (15013008)                592767.59
 4122959.92      166.54112  (15013008)
       592807.59   4122959.92      174.08199  (17120508)                592847.59
 4122959.92      177.56514  (17120508)
       592887.59   4122959.92      181.26461  (17120508)                592927.59
 4122959.92      176.03511  (17120508)
       592967.59   4122959.92      167.73474  (17120508)                593007.59
 4122959.92      157.13889  (17120508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 475
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593047.59	4122959.92	179.05840	(13010808)	593087.59	4122959.92	191.18753	(13010808)
593127.59	4122959.92	183.96837	(13010808)	593167.59	4122959.92	168.54360	(13010808)
593207.59	4122959.92	170.55265	(15021808)	593247.59	4122959.92	160.32658	(15021808)
593287.59	4122959.92	192.64510	(13010108)	593327.59	4122959.92	187.66894	(15011708)
593367.59	4122959.92	170.94640	(15011708)	593407.59	4122959.92	191.83713	(13030408)
593447.59	4122959.92	253.94065	(13012508)	593487.59	4122959.92	262.79949	(13012508)
593527.59	4122959.92	265.82153	(13012608)	593567.59	4122959.92	241.76349	(13012608)
593607.59	4122959.92	231.37116	(17021008)	593647.59	4122959.92	231.04032	(17021008)
593687.59	4122959.92	237.89154	(14122408)	593727.59	4122959.92	236.44233	(13111408)
593767.59	4122959.92	231.33752	(13111408)	593807.59	4122959.92	223.54273	(16123008)
593847.59	4122959.92	227.12610	(16123008)	593887.59	4122959.92	220.67556	(16123008)
593927.59	4122959.92	207.83456	(14010808)	593967.59	4122959.92	190.05751	(14010808)
594007.59	4122959.92	186.77841	(14011108)	592567.59	4122999.92	137.45959	(14122708)
592607.59	4122999.92	156.49138	(14122708)	592647.59	4122999.92	158.12090	(14122708)
592687.59	4122999.92	156.57261	(14122708)	592727.59	4122999.92	152.10739	(14122708)
592767.59	4122999.92	157.40580	(15013008)	592807.59	4122999.92	172.01100	(15013008)
592847.59	4122999.92	181.11040	(15013008)	592887.59	4122999.92	188.19360	(17120508)
592927.59	4122999.92	193.05225	(17120508)	592967.59	4122999.92	193.16041	(17120508)
593007.59	4122999.92	187.27247	(17120508)	593047.59	4122999.92	177.47590	(17120508)
593087.59	4122999.92	202.70849	(13010808)	593127.59	4122999.92	204.13208	(13010808)

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       593167.59   4122999.92      190.50462  (13010808)               593207.59
 4122999.92      184.46282  (15021808)
       593247.59   4122999.92      181.93627  (15021808)               593287.59
 4122999.92      211.24801  (13010108)
       593327.59   4122999.92      208.17737  (15011708)               593367.59
 4122999.92      186.60706  (15011708)
       593407.59   4122999.92      223.34954  (13012508)               593447.59
 4122999.92      292.78441  (13012508)
       593487.59   4122999.92      292.77907  (13012608)               593527.59
 4122999.92      281.48692  (13012608)
       593567.59   4122999.92      252.12292  (13012608)               593607.59
 4122999.92      256.74861  (17021008)
       593647.59   4122999.92      260.95945  (14122408)               593687.59
 4122999.92      259.93653  (13111408)
       593727.59   4122999.92      256.50199  (13111408)               593767.59
 4122999.92      247.95901  (16123008)
       593807.59   4122999.92      250.34608  (16123008)               593847.59
 4122999.92      240.88533  (16123008)
       593887.59   4122999.92      224.82574  (14010808)               593927.59
 4122999.92      208.16749  (17112408)
       593967.59   4122999.92      209.55299  (14011108)               594007.59
 4122999.92      205.83150  (14011108)
       592567.59   4123039.92      129.46773  (14122708)               592607.59
 4123039.92      159.31110  (14122708)
       592647.59   4123039.92      169.94292  (14122708)               592687.59
 4123039.92      175.12386  (14122708)
       592727.59   4123039.92      176.87963  (14122708)               592767.59
 4123039.92      172.63419  (14122708)
       592807.59   4123039.92      169.40820  (14122708)               592847.59
 4123039.92      175.39105  (15013008)
       592887.59   4123039.92      191.28058  (15013008)               592927.59
 4123039.92      202.49087  (15013008)
       592967.59   4123039.92      211.71546  (17120508)               593007.59
 4123039.92      213.93857  (17120508)
       593047.59   4123039.92      209.51480  (17120508)               593087.59
 4123039.92      208.18798  (17120508)
       593127.59   4123039.92      223.29235  (13010808)               593167.59
 4123039.92      218.27017  (13010808)
       593207.59   4123039.92      205.64303  (13010808)               593247.59
 4123039.92      209.31076  (15021808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 476
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593287.59   4123039.92      234.20870  (13010108)               593327.59
 4123039.92      235.67365  (15011708)
        593367.59   4123039.92      205.89394  (15011708)               593407.59
 4123039.92      284.23761  (13012508)
        593447.59   4123039.92      328.81527  (13012508)               593487.59
 4123039.92      325.66891  (13012608)
        593527.59   4123039.92      297.18933  (13012608)               593567.59
 4123039.92      285.14035  (17021008)
        593607.59   4123039.92      288.39617  (14122408)               593647.59
 4123039.92      291.95530  (14122408)
        593687.59   4123039.92      287.75628  (13111408)               593727.59
 4123039.92      278.91880  (16123008)
        593767.59   4123039.92      279.56566  (16123008)               593807.59
 4123039.92      266.27916  (16123008)
        593847.59   4123039.92      244.74195  (14010808)               593887.59
 4123039.92      238.02561  (17112408)
        593927.59   4123039.92      234.20556  (17112408)               593967.59
 4123039.92      224.16709  (17112408)
        594007.59   4123039.92      210.43837  (14011108)               592567.59
 4123079.92      119.83903  (15020208)
        592607.59   4123079.92      137.39772  (14122708)               592647.59
 4123079.92      166.06154  (14122708)
        592687.59   4123079.92      177.27779  (14122708)               592727.59
 4123079.92      183.65459  (14122708)
        592767.59   4123079.92      188.45136  (14122708)               592807.59
 4123079.92      192.22465  (14122708)
        592847.59   4123079.92      194.40252  (14122708)               592887.59
 4123079.92      193.67073  (14122708)
        592927.59   4123079.92      201.03885  (15013008)               592967.59
 4123079.92      220.94422  (15013008)
        593007.59   4123079.92      232.24107  (15013008)               593047.59
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4123079.92      238.66932  (17120508)
       593087.59   4123079.92      235.71850  (17120508)                593127.59
4123079.92      233.93347  (13010808)
       593167.59   4123079.92      253.53955  (13010808)                593207.59
4123079.92      243.01722  (13010808)
       593247.59   4123079.92      240.59775  (15021808)                593287.59
4123079.92      262.75474  (13010108)
       593327.59   4123079.92      270.26169  (15011708)                593367.59
4123079.92      240.65058  (13030408)
       593407.59   4123079.92      353.01680  (13012508)                593447.59
4123079.92      363.03072  (13012608)
       593487.59   4123079.92      354.38013  (13012608)                593527.59
4123079.92      317.97047  (13012608)
       593567.59   4123079.92      322.31781  (14122408)                593607.59
4123079.92      331.72303  (14122408)
       593647.59   4123079.92      327.22218  (13111408)                593687.59
4123079.92      317.93146  (16123008)
       593727.59   4123079.92      316.84766  (16123008)                593767.59
4123079.92      298.84446  (16123008)
       593807.59   4123079.92      275.81522  (17112408)                593847.59
4123079.92      271.87725  (17112408)
       593887.59   4123079.92      260.51163  (17112408)                593927.59
4123079.92      243.57132  (17112408)
       593967.59   4123079.92      222.58883  (17112408)                594007.59
4123079.92      199.98997  (17112408)
       592567.59   4123119.92      125.12326  (17011308)                592607.59
4123119.92      129.78327  (15020208)
       592647.59   4123119.92      150.33411  (15020208)                592687.59
4123119.92      169.96143  (16112408)
       592727.59   4123119.92      175.01434  (16112408)                592767.59
4123119.92      186.58839  (14122708)
       592807.59   4123119.92      199.08145  (14122708)                592847.59
4123119.92      210.28787  (14122708)
       592887.59   4123119.92      218.87761  (14122708)                592927.59
4123119.92      225.22094  (14122708)
       592967.59   4123119.92      226.78202  (14122708)                593007.59
4123119.92      240.41044  (15013008)
       593047.59   4123119.92      262.31210  (15013008)                593087.59
4123119.92      272.19213  (17120508)
       593127.59   4123119.92      265.51200  (17120508)                593167.59
4123119.92      277.43742  (13010808)
       593207.59   4123119.92      290.41954  (13010808)                593247.59
4123119.92      274.06572  (15021808)
       593287.59   4123119.92      300.14998  (13010108)                593327.59
4123119.92      318.31592  (15011708)
       593367.59   4123119.92      309.26651  (13012508)                593407.59
4123119.92      427.71954  (13012508)
       593447.59   4123119.92      421.81343  (13012608)                593487.59
4123119.92      386.38371  (13012608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                               INCLUDING SOURCE(S):   L0006614   , L0006615
 , L0006616   , L0006617   , L0006618   ,
                 L0006619   , L0006620   , L0006621   , L0006622   , L0006623
 , L0006624   , L0006625   , L0006626   ,
                 L0006627   , L0006628   , L0006629   , L0006630   , L0006631
 , L0006632   , L0006633   , L0006550   ,
                 L0006551   , L0006552   , L0006553   , L0006554   , L0006555
 , L0006556   , L0006557   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        593527.59   4123119.92   368.49711 (17021008)   593567.59
 4123119.92   382.94378 (14122408)
        593607.59   4123119.92   378.92408 (13111408)   593647.59
 4123119.92   368.46228 (16123008)
        593687.59   4123119.92   366.04899 (16123008)   593727.59
 4123119.92   341.15801 (16123008)
        593767.59   4123119.92   325.94196 (17112408)   593807.59
 4123119.92   312.13294 (17112408)
        593847.59   4123119.92   289.60001 (17112408)   593887.59
 4123119.92   262.92194 (17112408)
        593927.59   4123119.92   234.06272 (17112408)   593967.59
 4123119.92   227.81675 (14122208)
        594007.59   4123119.92   221.38969 (14122208)   592567.59
 4123159.92   134.42607 (15012408)
        592607.59   4123159.92   138.08116 (15012408)   592647.59
 4123159.92   146.40582 (15012408)
        592687.59   4123159.92   172.91827 (15012408)   592727.59
 4123159.92   183.53198 (15012408)
        592767.59   4123159.92   188.37323 (15012408)   592807.59
 4123159.92   196.36831 (15020208)
        592847.59   4123159.92   204.49399 (15020208)   592887.59
 4123159.92   221.65402 (14122708)

592927.59 4123159.92 238.76831 (14122708) 592967.59 4123159.92 253.84964 (14122708)
593007.59 4123159.92 264.06893 (14122708) 593047.59 4123159.92 274.70086 (14122708)
593087.59 4123159.92 302.45391 (15013008) 593127.59 4123159.92 323.30050 (15013008)
593167.59 4123159.92 327.26708 (17120508) 593207.59 4123159.92 342.18097 (13010808)
593247.59 4123159.92 342.65974 (13010808) 593287.59 4123159.92 350.41956 (13010108)
593327.59 4123159.92 387.82649 (15011708) 593367.59 4123159.92 429.34324 (13012508)
593407.59 4123159.92 509.39604 (13012508) 593447.59 4123159.92 482.18455 (13012608)
593487.59 4123159.92 434.39328 (17021008) 593527.59 4123159.92 455.49582 (14122408)
593567.59 4123159.92 453.30572 (14122408) 593607.59 4123159.92 440.56407 (16123008)
593647.59 4123159.92 436.17657 (16123008) 593687.59 4123159.92 405.17099 (17112408)
593727.59 4123159.92 390.92841 (17112408) 593767.59 4123159.92 361.07887 (17112408)
593807.59 4123159.92 322.69166 (17112408) 593847.59 4123159.92 287.39488 (14122208)
593887.59 4123159.92 274.97810 (14122208) 593927.59 4123159.92 260.31164 (14122208)
593967.59 4123159.92 244.44455 (14122208) 594007.59 4123159.92 228.97140 (14122208)
592567.59 4123199.92 144.27678 (15012408) 592607.59 4123199.92 147.19705 (15012408)
592647.59 4123199.92 151.54229 (15012408) 592687.59 4123199.92 171.76424 (15012408)
592727.59 4123199.92 194.87686 (15012408) 592767.59 4123199.92 207.55733 (15012408)
592807.59 4123199.92 218.44182 (15012408) 592847.59 4123199.92 225.75760 (15012408)
592887.59 4123199.92 234.42143 (15012408) 592927.59 4123199.92 239.40291 (15012408)
592967.59 4123199.92 247.09746 (15020208) 593007.59 4123199.92 277.95429 (14122708)
593047.59 4123199.92 307.04624 (14122708) 593087.59 4123199.92 337.49737 (14122708)
593127.59 4123199.92 364.71460 (14122708) 593167.59 4123199.92 406.41672 (15013008)
593207.59 4123199.92 431.11977 (17120508) 593247.59 4123199.92 446.36563 (13010808)
593287.59 4123199.92 430.21359 (13010108) 593327.59 4123199.92 500.87586 (13010108)
593367.59 4123199.92 589.22035 (13012508) 593407.59 4123199.92 611.60542 (13012508)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 , L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	371.39376	(14122208)	593807.59	4123199.92	342.41549	(14122208)
593847.59	4123199.92	313.79995	(14122208)	593887.59	4123199.92	286.78640	(14122208)
593927.59	4123199.92	261.55960	(14122208)	593967.59	4123199.92	240.26111	(13112208)
594007.59	4123199.92	224.25173	(16021308)	592567.59	4123239.92	156.02779	(17011608)
592607.59	4123239.92	159.55719	(17011608)	592647.59	4123239.92	159.70534	(17011608)
592687.59	4123239.92	165.53598	(15012408)	592727.59	4123239.92	220.83279	(13010808)
592767.59	4123239.92	212.81609	(13010808)	592807.59			

4123239.92 224.70320 (15012408)
592847.59 4123239.92 238.58261 (15012408) 592887.59
4123239.92 257.73027 (15012408)
592927.59 4123239.92 270.47064 (15012408) 592967.59
4123239.92 279.44192 (15012408)
593007.59 4123239.92 302.84301 (15012408) 593047.59
4123239.92 330.68155 (15012408)
593087.59 4123239.92 376.43323 (15012408) 593127.59
4123239.92 446.64477 (14122708)
593167.59 4123239.92 474.08459 (14122708) 593207.59
4123239.92 534.41851 (14122708)
593247.59 4123239.92 567.34704 (15013008) 593287.59
4123239.92 593.23287 (17120508)
593327.59 4123239.92 623.38293 (15011708) 593367.59
4123239.92 722.70136 (13012508)
593407.59 4123239.92 699.98818 (13012608) 593447.59
4123239.92 676.74949 (14122408)
593487.59 4123239.92 724.13986 (15112308) 593527.59
4123239.92 714.07060 (17112408)
593567.59 4123239.92 759.93978 (17112408) 593607.59
4123239.92 749.42693 (17112408)
593647.59 4123239.92 631.29468 (17112408) 593687.59
4123239.92 512.81963 (14122208)
593727.59 4123239.92 445.67386 (14122208) 593767.59
4123239.92 388.59757 (16021308)
593807.59 4123239.92 355.38632 (16021308) 593847.59
4123239.92 328.26482 (16021308)
593887.59 4123239.92 304.02835 (16021308) 593927.59
4123239.92 282.52671 (16021308)
593967.59 4123239.92 263.18248 (16021308) 594007.59
4123239.92 246.48662 (16021308)
592567.59 4123279.92 166.35738 (17011608) 592607.59
4123279.92 176.27135 (17011608)
592647.59 4123279.92 185.61992 (17011608) 592687.59
4123279.92 194.89534 (17011608)
592727.59 4123279.92 228.42454 (17120508) 592767.59
4123279.92 365.46878 (13010808)
592807.59 4123279.92 314.80121 (15021808) 592847.59
4123279.92 265.72351 (17112908)
592887.59 4123279.92 280.01026 (17112908) 592927.59
4123279.92 282.17717 (17112908)
592967.59 4123279.92 288.89840 (17112908) 593007.59
4123279.92 309.86026 (17112908)
593047.59 4123279.92 345.25633 (17112908) 593087.59
4123279.92 409.05231 (17112908)
593127.59 4123279.92 405.28207 (17112908) 593167.59
4123279.92 439.90899 (15012408)
593207.59 4123279.92 512.48612 (15012408) 593247.59
4123279.92 646.46256 (15012408)
593287.59 4123279.92 835.40718 (15012408) 593327.59

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0006614   , L0006615
 , L0006616   , L0006617   , L0006618   ,
                 L0006619   , L0006620   , L0006621   , L0006622   , L0006623
 , L0006624   , L0006625   , L0006626   ,
                 L0006627   , L0006628   , L0006629   , L0006630   , L0006631
 , L0006632   , L0006633   , L0006550   ,
                 L0006551   , L0006552   , L0006553   , L0006554   , L0006555
 , L0006556   , L0006557   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       594007.59   4123279.92   243.89568 (16021308)   592567.59
4123319.92   171.85040 (17112908)
       592607.59   4123319.92   185.90376 (17112908)   592647.59
4123319.92   205.87253 (17011608)

592687.59 4123319.92 236.19149 (17011608) 592727.59
4123319.92 282.03619 (17011608)
592767.59 4123319.92 400.94096 (17120508) 592807.59
4123319.92 460.57620 (14122015)
592847.59 4123319.92 329.98423 (13012508) 592887.59
4123319.92 295.52221 (13012208)
592927.59 4123319.92 284.62140 (13012208) 592967.59
4123319.92 299.46701 (14121208)
593007.59 4123319.92 324.38033 (14121208) 593047.59
4123319.92 359.67130 (14121208)
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4123359.92 430.53603 (15112108)

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       593607.59   4123359.92      562.84707  (17112108)                593647.59
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       593687.59   4123359.92      468.72973  (17112108)                593727.59
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       593767.59   4123359.92      395.36784  (15112608)                593807.59
 4123359.92      339.51114  (15112608)
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 4123359.92      268.49735  (15112608)
       593927.59   4123359.92      243.29380  (15112608)                593967.59
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       592687.59   4123399.92      265.93615  (14121208)                592727.59
 4123399.92      300.06323  (14121208)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 480
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                  L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                  L0006627    , L0006628    , L0006629    , L0006630    , L0006631
 , L0006632    , L0006633    , L0006550    ,
                  L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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592847.59	4123399.92	666.59503	(14122015)	592887.59	4123399.92	463.42414	(13030208)
592927.59	4123399.92	306.74648	(16121708)	592967.59	4123399.92	303.91890	(16121708)
593007.59	4123399.92	328.18434	(15112108)	593047.59	4123399.92	399.52315	(15112108)
593087.59	4123399.92	357.88720	(15112108)	593127.59	4123399.92	411.00125	(15112108)
593167.59	4123399.92	462.20769	(15112108)	593207.59	4123399.92	547.82117	(15112108)
593247.59	4123399.92	684.46777	(14120908)	593287.59	4123399.92	794.72686	(15120108)
593327.59	4123399.92	901.21620	(13030208)	593367.59	4123399.92	770.96107	(13030208)
593407.59	4123399.92	703.97523	(13030208)	593447.59	4123399.92	672.00671	(13030208)
593487.59	4123399.92	672.48101	(13030208)	593527.59	4123399.92	632.37833	(13030208)
593567.59	4123399.92	562.21805	(15121908)	593607.59	4123399.92	522.97851	(15121908)
593647.59	4123399.92	490.10902	(17112208)	593687.59	4123399.92	440.28519	(17112108)
593727.59	4123399.92	452.52355	(17112108)	593767.59	4123399.92	355.41897	(15112608)
593807.59	4123399.92	301.48773	(15112608)	593847.59	4123399.92	264.57384	(15112608)
593887.59	4123399.92	236.41237	(15112608)	593927.59	4123399.92	213.96718	(15112608)
593967.59	4123399.92	195.90252	(15112608)	594007.59	4123399.92	181.13835	(15112608)
592567.59	4123439.92	198.36062	(16010508)	592607.59	4123439.92	213.80422	(16010508)
592647.59	4123439.92	232.35427	(16010508)	592687.59	4123439.92	255.41873	(16010508)
592727.59	4123439.92	284.94538	(16010508)	592767.59	4123439.92	328.60543	(13012808)
592807.59	4123439.92	402.78943	(16121708)	592847.59	4123439.92	645.30427	(17101908)
592887.59	4123439.92	664.20998	(13030208)	592927.59	4123439.92	493.81737	(13030208)
592967.59	4123439.92	374.96799	(15011908)	593007.59	4123439.92	402.11168	(15112108)
593047.59	4123439.92	467.86831	(15112108)	593087.59			

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       593207.59   4123439.92      519.23224  (15120808)                593247.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        17:51:42

                                   PAGE 481
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0006614    , L0006615
 , L0006616    , L0006617    , L0006618    ,
                 L0006619    , L0006620    , L0006621    , L0006622    , L0006623
 , L0006624    , L0006625    , L0006626    ,
                 L0006627    , L0006628    , L0006629    , L0006630    , L0006631
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 , L0006632    , L0006633    , L0006550    ,
                 L0006551    , L0006552    , L0006553    , L0006554    , L0006555
 , L0006556    , L0006557    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593007.59   4123479.92      448.38388  (14120908)               593047.59
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        593087.59   4123479.92      365.01594  (14120908)               593127.59
 4123479.92      383.97415  (14120908)
        593167.59   4123479.92      428.63196  (15120808)               593207.59
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        593247.59   4123479.92      607.72560  (15121108)               593287.59
 4123479.92      804.35838  (14112008)
        593327.59   4123479.92      735.98560  (15123108)               593367.59
 4123479.92      653.98288  (17112508)
        593407.59   4123479.92      499.86139  (17122008)               593447.59
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        593487.59   4123479.92      419.72509  (17112508)               593527.59
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 4123519.92      578.72059  (15021909)
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       593127.59   4123519.92      368.99838  (15120808)               593167.59
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       593207.59   4123519.92      468.97974  (15120908)               593247.59
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       593607.59   4123519.92      320.43923  (14013008)               593647.59
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       594007.59   4123519.92      158.52347  (13011408)               592567.59
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 4123559.92      259.99562  (15112108)
       592687.59   4123559.92      285.53637  (15112108)               592727.59
 4123559.92      312.88409  (16122608)
       592767.59   4123559.92      342.33018  (16122608)               592807.59
 4123559.92      374.09473  (13121608)
       592847.59   4123559.92      415.28251  (14120908)               592887.59
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       592927.59   4123559.92      617.10589  (17101908)               592967.59
 4123559.92      579.64775  (13030208)
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 4123559.92      298.01972  (15120808)
       593087.59   4123559.92      312.42761  (17122908)               593127.59
 4123559.92      339.04275  (17122508)
       593167.59   4123559.92      374.09098  (15120908)               593207.59
 4123559.92      412.05865  (17120608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 ,
L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	458.89764	(14120108)	593287.59	4123559.92	529.54108	(14120808)
593327.59	4123559.92	526.69818	(15123108)	593367.59	4123559.92	508.94519	(14120208)
593407.59	4123559.92	377.92865	(16011108)	593447.59	4123559.92	310.20680	(17122008)
593487.59	4123559.92	310.89617	(14120208)	593527.59	4123559.92	290.79636	(14120208)
593567.59	4123559.92	281.44975	(17010508)	593607.59	4123559.92	272.69749	(15011008)
593647.59	4123559.92	265.61583	(15011008)	593687.59	4123559.92	252.55053	(13121908)
593727.59	4123559.92	246.39354	(13121908)	593767.59	4123559.92	233.77629	(13121908)
593807.59	4123559.92	221.16954	(13122008)	593847.59	4123559.92	207.88398	(13122008)
593887.59	4123559.92	191.09973	(15121908)	593927.59	4123559.92	175.83255	(15121908)
593967.59	4123559.92	165.67008	(17112208)	594007.59	4123559.92	156.41154	(17112208)
592567.59	4123599.92	224.30170	(15112108)	592607.59	4123599.92	240.88380	(17120708)
592647.59	4123599.92	258.65837	(17120708)	592687.59	4123599.92	276.87334	(13121608)
592727.59	4123599.92	297.16161	(13121608)	592767.59	4123599.92	315.10625	(13121608)
592807.59	4123599.92	328.73511	(14120908)	592847.59			

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       593527.59   4123599.92      255.58201  (14120208)                593567.59
4123599.92      247.89998  (17010508)
       593607.59   4123599.92      237.75970  (17010508)                593647.59
4123599.92      231.37063  (15011008)
       593687.59   4123599.92      226.03404  (15011008)                593727.59
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       593767.59   4123599.92      209.28371  (13121908)                593807.59
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       593847.59   4123599.92      191.51885  (13122008)                593887.59
4123599.92      182.26358  (13122008)
       593927.59   4123599.92      170.53815  (13122008)                593967.59
4123599.92      158.37706  (15121908)
       594007.59   4123599.92      146.52174  (15121908)                593087.59
4123639.92      283.88120  (15120908)
       593127.59   4123639.92      304.23434  (13121208)                593167.59
4123639.92      331.62781  (13121308)
       593207.59   4123639.92      343.51867  (14122008)                593247.59
4123639.92      391.76497  (14120808)
       593287.59   4123639.92      383.53271  (14121008)                593327.59
4123639.92      377.14350  (15010908)
       593367.59   4123639.92      401.28458  (14120208)                593407.59
4123639.92      289.46575  (16011108)
       593447.59   4123639.92      272.53066  (16011108)                593487.59
4123639.92      240.65103  (14120208)
       593527.59   4123639.92      227.72164  (14120208)                593567.59
4123639.92      217.56399  (17010508)
       593607.59   4123639.92      215.32175  (17010508)                593647.59
4123639.92      206.67432  (15122808)
       593687.59   4123639.92      201.56380  (15011008)                593727.59
4123639.92      196.51112  (15011008)
       593767.59   4123639.92      186.77281  (15011008)                593807.59
4123639.92      182.20133  (13121908)
       593847.59   4123639.92      177.78893  (13121908)                593887.59
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0006614   , L0006615
 , L0006616   , L0006617   , L0006618   ,
                  L0006619   , L0006620   , L0006621   , L0006622   , L0006623
 , L0006624   , L0006625   , L0006626   ,
                  L0006627   , L0006628   , L0006629   , L0006630   , L0006631
 , L0006632   , L0006633   , L0006550   ,
                  L0006551   , L0006552   , L0006553   , L0006554   , L0006555
 , L0006556   , L0006557   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        594007.59   4123639.92   143.73998 (15121908)   593087.59
 4123679.92   272.14299 (13121208)
        593127.59   4123679.92   290.29272 (13121308)   593167.59
 4123679.92   297.04578 (14122008)
        593207.59   4123679.92   320.39863 (14112008)   593247.59
 4123679.92   350.11314 (14120808)
        593287.59   4123679.92   333.61304 (15123108)   593327.59
 4123679.92   325.62914 (16010509)
        593367.59   4123679.92   356.20886 (14120208)   593407.59
 4123679.92   262.21875 (14120208)
        593447.59   4123679.92   253.14314 (16011108)   593487.59
 4123679.92   218.32188 (16011108)
        593527.59   4123679.92   205.50595 (14120208)   593567.59
 4123679.92   188.86026 (17010508)
        593607.59   4123679.92   193.65293 (17010508)   593647.59
 4123679.92   190.55469 (17010508)
        593687.59   4123679.92   184.04801 (15122808)   593727.59
 4123679.92   178.70377 (15011008)

593767.59 4123679.92 174.86742 (15011008) 593807.59
4123679.92 165.97164 (15011008)
593847.59 4123679.92 161.23403 (13121908) 593887.59
4123679.92 158.00321 (13121908)
593927.59 4123679.92 152.44510 (13121908) 593967.59
4123679.92 146.42516 (13122008)
594007.59 4123679.92 140.99660 (13122008) 593087.59
4123719.92 255.69177 (13121308)
593127.59 4123719.92 264.49321 (14120108) 593167.59
4123719.92 272.34911 (13011508)
593207.59 4123719.92 295.93851 (14112008) 593247.59
4123719.92 301.50356 (14120808)
593287.59 4123719.92 300.30072 (15123108) 593327.59
4123719.92 286.15522 (16010509)
593367.59 4123719.92 317.76200 (14120208) 593407.59
4123719.92 249.94256 (14120208)
593447.59 4123719.92 225.52301 (16011108) 593487.59
4123719.92 210.90314 (16011108)
593527.59 4123719.92 186.71264 (14120208) 593567.59
4123719.92 169.20970 (15121408)
593607.59 4123719.92 170.60321 (17010508) 593647.59
4123719.92 174.79364 (17010508)
593687.59 4123719.92 170.90752 (17010508) 593727.59
4123719.92 165.33396 (15122808)
593767.59 4123719.92 160.54980 (15011008) 593807.59
4123719.92 156.99420 (15011008)
593847.59 4123719.92 149.69378 (15011008) 593887.59
4123719.92 143.44404 (13121908)
593927.59 4123719.92 142.87968 (13121908) 593967.59
4123719.92 138.74321 (13121908)
594007.59 4123719.92 132.69637 (13122008) 593087.59
4123759.92 238.34944 (14120108)
593127.59 4123759.92 240.63045 (14122008) 593167.59
4123759.92 252.72131 (14112008)
593207.59 4123759.92 276.53967 (14120808) 593247.59
4123759.92 272.80811 (14121008)
593287.59 4123759.92 271.03665 (15123108) 593327.59
4123759.92 255.19176 (16010509)
593367.59 4123759.92 283.86667 (14120208) 593407.59
4123759.92 238.90750 (14120208)
593447.59 4123759.92 192.44484 (16011108) 593487.59
4123759.92 200.49681 (16011108)
593527.59 4123759.92 175.95820 (16011108) 593567.59
4123759.92 157.23595 (17122008)
593607.59 4123759.92 151.69829 (15121408) 593647.59
4123759.92 156.08039 (17010508)
593687.59 4123759.92 158.91486 (17010508) 593727.59
4123759.92 154.28732 (17010508)
593767.59 4123759.92 150.17773 (15122808) 593807.59
4123759.92 145.20509 (15011008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006614 , L0006615 , L0006616 , L0006617 , L0006618 ,
L0006619 , L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625 , L0006626 ,
L0006627 , L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633 , L0006550 ,
L0006551 , L0006552 , L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	256.49420	(15010908)	593407.59	4123799.92	227.66461	(14120208)
593447.59	4123799.92	177.43594	(14120208)	593487.59	4123799.92	184.78196	(16011108)
593527.59	4123799.92	172.00671	(16011108)	593567.59	4123799.92	149.98829	(17122008)
593607.59	4123799.92	141.47543	(17111408)	593647.59	4123799.92	138.24026	(15122608)
593687.59	4123799.92	143.70449	(17010508)	593727.59			

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4123799.92      145.61035  (17010508)
       593767.59   4123799.92      140.26129  (17010508)                593807.59
4123799.92      137.01823  (15122808)
       593847.59   4123799.92      133.12344  (15011008)                593887.59
4123799.92      131.45600  (15011008)
       593927.59   4123799.92      126.01802  (15011008)                593967.59
4123799.92      119.19892  (14013008)
       594007.59   4123799.92      118.96308  (13121908)                593087.59
4123839.92      199.46452  (15112508)
       593127.59   4123839.92      210.04962  (13011508)                593167.59
4123839.92      221.85278  (14120808)
       593207.59   4123839.92      226.25704  (14120808)                593247.59
4123839.92      218.46337  (14121008)
       593287.59   4123839.92      222.38189  (15123108)                593327.59
4123839.92      208.80543  (16010509)
       593367.59   4123839.92      235.58561  (15010908)                593407.59
4123839.92      216.46540  (14120208)
       593447.59   4123839.92      170.69530  (14120208)                593487.59
4123839.92      164.85673  (16011108)
       593527.59   4123839.92      165.72688  (16011108)                593567.59
4123839.92      147.08689  (16011108)
       593607.59   4123839.92      133.21701  (17122008)                593647.59
4123839.92      127.72221  (15121408)
       593687.59   4123839.92      128.23606  (15122608)                593727.59
4123839.92      133.59702  (17010508)
       593767.59   4123839.92      133.57959  (17010508)                593807.59
4123839.92      128.88697  (17010508)
       593847.59   4123839.92      126.72286  (15122808)                593887.59
4123839.92      122.86753  (15011008)
       593927.59   4123839.92      121.12678  (15011008)                593967.59
4123839.92      116.33413  (15011008)
       594007.59   4123839.92      110.69611  (14013008)                593087.59
4123879.92      191.18696  (13011508)
       593127.59   4123879.92      201.33845  (14112008)                593167.59
4123879.92      212.58422  (14120808)
       593207.59   4123879.92      205.57100  (14121008)                593247.59
4123879.92      196.39934  (16111508)
       593287.59   4123879.92      202.63998  (15123108)                593327.59
4123879.92      190.70018  (16010509)
       593367.59   4123879.92      216.85473  (15010908)                593407.59
4123879.92      205.41217  (14120208)
       593447.59   4123879.92      164.71479  (14120208)                593487.59
4123879.92      143.02607  (14120208)
       593527.59   4123879.92      155.97611  (16011108)                593567.59
4123879.92      144.50549  (16011108)
       593607.59   4123879.92      127.82210  (17122008)                593647.59
4123879.92      121.51613  (17111408)
       593687.59   4123879.92      117.61105  (15121408)                593727.59
4123879.92      119.39664  (15122608)
       593767.59   4123879.92      124.13459  (17010508)                593807.59
```

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3
**

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
OFFSITES	1ST HIGHEST VALUE IS	18.00517 AT (593047.59, 4123439.92, 88.83, 88.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	16.18464 AT (593087.59, 4123439.92, 88.78, 88.78, 0.00)	DC	
	3RD HIGHEST VALUE IS	13.76907 AT (593167.59, 4123279.92, 88.56, 88.56, 0.00)	DC	
	4TH HIGHEST VALUE IS	13.36832 AT (593007.59, 4123439.92, 89.09, 89.09, 0.00)	DC	
	5TH HIGHEST VALUE IS	13.00995 AT (593127.59, 4123359.92, 88.37, 88.37, 0.00)	DC	
	6TH HIGHEST VALUE IS	12.97276 AT (593487.59, 4123239.92, 86.42, 86.42, 0.00)	DC	
	7TH HIGHEST VALUE IS	12.85829 AT (593607.59, 4123239.92, 85.24, 85.24, 0.00)	DC	
	8TH HIGHEST VALUE IS	12.50548 AT (593567.59, 4123239.92, 85.54, 85.54, 0.00)	DC	
	9TH HIGHEST VALUE IS	12.17493 AT (593247.59, 4123239.92, 88.38, 88.38, 0.00)	DC	
	10TH HIGHEST VALUE IS	12.12524 AT (593687.59, 4123319.92, 83.87, 83.87, 0.00)	DC	

```
P1ON      1ST HIGHEST VALUE IS      22.12101 AT (  593527.59,  4123399.92,
85.47,    85.47,    0.00)  DC
          2ND HIGHEST VALUE IS      20.68443 AT (  593487.59,  4123399.92,
85.84,    85.84,    0.00)  DC
          3RD HIGHEST VALUE IS      19.50090 AT (  593647.59,  4123399.92,
84.41,    84.41,    0.00)  DC
          4TH HIGHEST VALUE IS      19.41741 AT (  593567.59,  4123399.92,
85.41,    85.41,    0.00)  DC
          5TH HIGHEST VALUE IS      19.19869 AT (  593487.59,  4123439.92,
86.03,    86.03,    0.00)  DC
          6TH HIGHEST VALUE IS      18.86190 AT (  593527.59,  4123359.92,
85.27,    85.27,    0.00)  DC
          7TH HIGHEST VALUE IS      18.55497 AT (  593567.59,  4123359.92,
85.23,    85.23,    0.00)  DC
          8TH HIGHEST VALUE IS      18.55227 AT (  593447.59,  4123439.92,
86.68,    86.68,    0.00)  DC
          9TH HIGHEST VALUE IS      18.36274 AT (  593527.59,  4123439.92,
85.14,    85.14,    0.00)  DC
         10TH HIGHEST VALUE IS      18.25095 AT (  593607.59,  4123399.92,
84.98,    84.98,    0.00)  DC

P2ON      1ST HIGHEST VALUE IS      39.69316 AT (  593327.59,  4123319.92,
87.28,    87.28,    0.00)  DC
          2ND HIGHEST VALUE IS      37.61798 AT (  593367.59,  4123359.92,
85.89,    85.89,    0.00)  DC
          3RD HIGHEST VALUE IS      37.50140 AT (  593327.59,  4123399.92,
86.91,    86.91,    0.00)  DC
          4TH HIGHEST VALUE IS      34.57723 AT (  593367.59,  4123319.92,
86.25,    86.25,    0.00)  DC
          5TH HIGHEST VALUE IS      34.38947 AT (  593327.59,  4123359.92,
87.02,    87.02,    0.00)  DC
          6TH HIGHEST VALUE IS      34.00906 AT (  593327.59,  4123439.92,
86.99,    86.99,    0.00)  DC
          7TH HIGHEST VALUE IS      33.72667 AT (  593367.59,  4123279.92,
87.01,    87.01,    0.00)  DC
          8TH HIGHEST VALUE IS      26.25391 AT (  593287.59,  4123439.92,
87.35,    87.35,    0.00)  DC
          9TH HIGHEST VALUE IS      25.22021 AT (  593327.59,  4123279.92,
87.59,    87.59,    0.00)  DC
         10TH HIGHEST VALUE IS      25.12666 AT (  593367.59,  4123399.92,
86.73,    86.73,    0.00)  DC

P3ON      1ST HIGHEST VALUE IS      44.13080 AT (  593447.59,  4123319.92,
85.07,    85.07,    0.00)  DC
          2ND HIGHEST VALUE IS      41.29353 AT (  593487.59,  4123319.92,
86.49,    86.49,    0.00)  DC
          3RD HIGHEST VALUE IS      38.91691 AT (  593407.59,  4123319.92,
83.57,    83.57,    0.00)  DC
          4TH HIGHEST VALUE IS      37.67376 AT (  593527.59,  4123279.92,
86.07,    86.07,    0.00)  DC
```

                                        *** THE SUMMARY OF MAXIMUM PERIOD (43824
HRS) RESULTS ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
              **

                        NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

OFFSITEL 1ST HIGHEST VALUE IS   33.85850 AT (592847.59, 4123359.92,
90.99,   90.99,   0.00) DC
          2ND HIGHEST VALUE IS   31.26492 AT (592967.59, 4123559.92,
83.40,   89.52,   0.00) DC
          3RD HIGHEST VALUE IS   30.98295 AT (592927.59, 4123479.92,
89.55,   89.55,   0.00) DC
          4TH HIGHEST VALUE IS   26.22489 AT (592887.59, 4123399.92,
90.45,   90.45,   0.00) DC
          5TH HIGHEST VALUE IS   25.23547 AT (592847.59, 4123439.92,
89.47,   89.47,   0.00) DC
          6TH HIGHEST VALUE IS   24.71166 AT (592887.59, 4123439.92,
90.15,   90.15,   0.00) DC
          7TH HIGHEST VALUE IS   21.53162 AT (592967.59, 4123519.92,
88.88,   88.88,   0.00) DC
          8TH HIGHEST VALUE IS   20.47095 AT (592927.59, 4123439.92,
89.68,   89.68,   0.00) DC

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          9TH HIGHEST VALUE IS      19.93177 AT (  592887.59,  4123519.92,
88.79,    88.79,    0.00)  DC
         10TH HIGHEST VALUE IS      19.62876 AT (  592847.59,  4123319.92,
91.48,    91.48,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      63.40278 AT (  593367.59,  4123319.92,
86.25,    86.25,    0.00)  DC
          2ND HIGHEST VALUE IS      62.75547 AT (  593447.59,  4123319.92,
85.07,    85.07,    0.00)  DC
          3RD HIGHEST VALUE IS      62.42040 AT (  593407.59,  4123319.92,
83.57,    83.57,    0.00)  DC
          4TH HIGHEST VALUE IS      61.86690 AT (  593367.59,  4123359.92,
85.89,    85.89,    0.00)  DC
          5TH HIGHEST VALUE IS      58.51568 AT (  593487.59,  4123319.92,
86.49,    86.49,    0.00)  DC
          6TH HIGHEST VALUE IS      56.92590 AT (  593527.59,  4123279.92,
86.07,    86.07,    0.00)  DC
          7TH HIGHEST VALUE IS      56.47115 AT (  593447.59,  4123279.92,
85.45,    85.45,    0.00)  DC
          8TH HIGHEST VALUE IS      55.78055 AT (  593407.59,  4123279.92,
85.09,    85.09,    0.00)  DC
          9TH HIGHEST VALUE IS      55.46477 AT (  593487.59,  4123279.92,
86.70,    86.70,    0.00)  DC
         10TH HIGHEST VALUE IS      55.39602 AT (  593327.59,  4123319.92,
87.28,    87.28,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam Phase I
Cons\Good Sam Phase I Cons.isc ***        10/04/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        17:51:42

                                  PAGE 487
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
              **

                                                      DATE
                                          NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

OFFSITES HIGH   1ST HIGH VALUE IS     260.38453  ON 14112008: AT (  593047.59,
4123479.92,    88.86,    88.86,    0.00)  DC

P1ON     HIGH   1ST HIGH VALUE IS     357.93755  ON 13030208: AT (  593527.59,
4123399.92,    85.47,    85.47,    0.00)  DC

P2ON     HIGH   1ST HIGH VALUE IS     714.43753  ON 17101908: AT (  593327.59,
4123519.92,    83.26,    83.26,    0.00)  DC

P3ON     HIGH   1ST HIGH VALUE IS     705.75372  ON 13030208: AT (  593447.59,
4123319.92,    85.07,    85.07,    0.00)  DC

OFFSITEL HIGH   1ST HIGH VALUE IS     651.85031  ON 14122015: AT (  592847.59,
4123399.92,    90.32,    90.32,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS    1063.51099  ON 13030208: AT (  593367.59,
4123319.92,    86.25,    86.25,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```


```
 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of         930 Informational Message(s)

 A Total of       43824 Hours Were Processed

 A Total of         530 Calm Hours Identified

 A Total of         400 Missing Hours Identified (  0.91 Percent)


    ******** FATAL ERROR MESSAGES ********
```

```
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    4562       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187    4562       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 10/4/2023
** File: C:\Lakes\AERMOD View\Good Sam Phase I Cons\Good Sam Phase I Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Good Sam Phase I Cons\Good Sam Phase I Cons.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "Good Sam Phase I Cons.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
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**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Off Site Los Gatos
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 592795.302, 4123314.624, 90.94, 3.40, 7.44
** 592961.400, 4123582.440, 82.54, 3.40, 7.44
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   LOCATION L0006614     VOLUME   592799.519 4123321.422 91.05
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   LOCATION L0006615     VOLUME   592807.952 4123335.020 90.94
   LOCATION L0006616     VOLUME   592816.385 4123348.617 90.75
   LOCATION L0006617     VOLUME   592824.818 4123362.214 90.63
   LOCATION L0006618     VOLUME   592833.251 4123375.811 90.65
   LOCATION L0006619     VOLUME   592841.683 4123389.409 90.44
   LOCATION L0006620     VOLUME   592850.116 4123403.006 90.33
   LOCATION L0006621     VOLUME   592858.549 4123416.603 90.33
   LOCATION L0006622     VOLUME   592866.982 4123430.200 90.15
   LOCATION L0006623     VOLUME   592875.415 4123443.798 90.08
   LOCATION L0006624     VOLUME   592883.848 4123457.395 89.96
   LOCATION L0006625     VOLUME   592892.281 4123470.992 89.77
   LOCATION L0006626     VOLUME   592900.714 4123484.590 89.61
   LOCATION L0006627     VOLUME   592909.147 4123498.187 89.48
   LOCATION L0006628     VOLUME   592917.580 4123511.784 89.31
   LOCATION L0006629     VOLUME   592926.013 4123525.381 89.04
   LOCATION L0006630     VOLUME   592934.446 4123538.979 88.34
   LOCATION L0006631     VOLUME   592942.879 4123552.576 85.67
   LOCATION L0006632     VOLUME   592951.311 4123566.173 82.76
   LOCATION L0006633     VOLUME   592959.744 4123579.770 80.76
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Off Site Samaritan
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 11
** 592913.760, 4123461.408, 89.82, 3.40, 7.44
** 592960.112, 4123449.819, 89.33, 3.40, 7.44
** 593007.753, 4123467.845, 89.18, 3.40, 7.44
** 593061.831, 4123456.257, 88.71, 3.40, 7.44
** 593086.295, 4123399.604, 88.74, 3.40, 7.44
** 593124.923, 4123283.722, 88.84, 3.40, 7.44
** 593157.112, 4123248.957, 88.95, 3.40, 7.44
** 593611.627, 4123252.820, 85.21, 3.40, 7.44
** 593656.693, 4123310.761, 84.34, 3.40, 7.44
** 593699.183, 4123358.401, 83.61, 3.40, 7.44
** 593701.758, 4123398.316, 83.92, 3.40, 7.44
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   LOCATION L0006550     VOLUME   592921.521 4123459.467 89.68
   LOCATION L0006551     VOLUME   592937.043 4123455.587 89.52
   LOCATION L0006552     VOLUME   592952.565 4123451.706 89.40
   LOCATION L0006553     VOLUME   592967.801 4123452.729 89.32
   LOCATION L0006554     VOLUME   592982.766 4123458.391 89.29
   LOCATION L0006555     VOLUME   592997.730 4123464.053 89.20
   LOCATION L0006556     VOLUME   593012.919 4123466.738 89.10
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LOCATION L0006557 VOLUME 593028.564 4123463.386 88.99
LOCATION L0006558 VOLUME 593044.209 4123460.033 88.83
LOCATION L0006559 VOLUME 593059.854 4123456.681 88.70
LOCATION L0006560 VOLUME 593067.373 4123443.425 88.67
LOCATION L0006561 VOLUME 593073.716 4123428.736 88.66
LOCATION L0006562 VOLUME 593080.058 4123414.047 88.56
LOCATION L0006563 VOLUME 593086.380 4123399.349 88.67
LOCATION L0006564 VOLUME 593091.440 4123384.171 88.65
LOCATION L0006565 VOLUME 593096.499 4123368.992 88.67
LOCATION L0006566 VOLUME 593101.559 4123353.813 88.68
LOCATION L0006567 VOLUME 593106.619 4123338.634 88.69
LOCATION L0006568 VOLUME 593111.678 4123323.455 88.72
LOCATION L0006569 VOLUME 593116.738 4123308.276 88.81
LOCATION L0006570 VOLUME 593121.797 4123293.097 88.89
LOCATION L0006571 VOLUME 593129.079 4123279.233 88.90
LOCATION L0006572 VOLUME 593139.949 4123267.493 88.89
LOCATION L0006573 VOLUME 593150.820 4123255.752 88.95
LOCATION L0006574 VOLUME 593163.851 4123249.014 88.95
LOCATION L0006575 VOLUME 593179.850 4123249.150 88.85
LOCATION L0006576 VOLUME 593195.850 4123249.286 88.76
LOCATION L0006577 VOLUME 593211.849 4123249.422 88.66
LOCATION L0006578 VOLUME 593227.848 4123249.558 88.55
LOCATION L0006579 VOLUME 593243.848 4123249.694 88.47
LOCATION L0006580 VOLUME 593259.847 4123249.830 88.34
LOCATION L0006581 VOLUME 593275.847 4123249.966 88.16
LOCATION L0006582 VOLUME 593291.846 4123250.102 87.98
LOCATION L0006583 VOLUME 593307.846 4123250.238 87.81
LOCATION L0006584 VOLUME 593323.845 4123250.374 87.67
LOCATION L0006585 VOLUME 593339.844 4123250.510 87.52
LOCATION L0006586 VOLUME 593355.844 4123250.646 87.36
LOCATION L0006587 VOLUME 593371.843 4123250.782 87.19
LOCATION L0006588 VOLUME 593387.843 4123250.918 86.90
LOCATION L0006589 VOLUME 593403.842 4123251.054 86.53
LOCATION L0006590 VOLUME 593419.841 4123251.190 85.99
LOCATION L0006591 VOLUME 593435.841 4123251.326 85.97
LOCATION L0006592 VOLUME 593451.840 4123251.462 86.29
LOCATION L0006593 VOLUME 593467.840 4123251.598 86.51
LOCATION L0006594 VOLUME 593483.839 4123251.734 86.54
LOCATION L0006595 VOLUME 593499.839 4123251.870 86.41
LOCATION L0006596 VOLUME 593515.838 4123252.006 86.15
LOCATION L0006597 VOLUME 593531.837 4123252.142 85.93
LOCATION L0006598 VOLUME 593547.837 4123252.278 85.76
LOCATION L0006599 VOLUME 593563.836 4123252.414 85.64
LOCATION L0006600 VOLUME 593579.836 4123252.550 85.52
LOCATION L0006601 VOLUME 593595.835 4123252.686 85.38
LOCATION L0006602 VOLUME 593611.755 4123252.983 85.17
LOCATION L0006603 VOLUME 593621.578 4123265.613 84.93
LOCATION L0006604 VOLUME 593631.401 4123278.243 84.76
LOCATION L0006605 VOLUME 593641.224 4123290.872 84.56
LOCATION L0006606 VOLUME 593651.047 4123303.502 84.34

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   LOCATION L0006607     VOLUME   593661.221 4123315.839 84.12
   LOCATION L0006608     VOLUME   593671.871 4123327.779 83.88
   LOCATION L0006609     VOLUME   593682.521 4123339.720 83.82
   LOCATION L0006610     VOLUME   593693.171 4123351.661 83.67
   LOCATION L0006611     VOLUME   593699.631 4123365.355 83.68
   LOCATION L0006612     VOLUME   593700.661 4123381.322 83.91
   LOCATION L0006613     VOLUME   593701.691 4123397.289 83.87
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC P1 On Site
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 26
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** 593615.955, 4123275.487, 85.41, 3.40, 8.37
** 593640.586, 4123300.749, 84.47, 3.40, 8.37
** 593545.219, 4123296.328, 85.72, 3.40, 8.37
** 593541.429, 4123331.696, 85.58, 3.40, 8.37
** 593667.112, 4123332.328, 83.90, 3.40, 8.37
** 593682.901, 4123360.117, 83.88, 3.40, 8.37
** 593541.429, 4123358.222, 85.22, 3.40, 8.37
** 593540.798, 4123389.169, 85.27, 3.40, 8.37
** 593699.322, 4123386.012, 84.09, 3.40, 8.37
** 593696.796, 4123413.801, 83.37, 3.40, 8.37
** 593538.271, 4123415.695, 85.56, 3.40, 8.37
** 593538.271, 4123444.116, 84.71, 3.40, 8.37
** 593696.796, 4123418.222, 83.36, 3.40, 8.37
** 593697.427, 4123430.222, 83.03, 3.40, 8.37
** 593361.431, 4123492.747, 84.02, 3.40, 8.37
** 593362.695, 4123465.590, 86.43, 3.40, 8.37
** 593524.377, 4123446.011, 84.96, 3.40, 8.37
** 593525.008, 4123422.643, 85.74, 3.40, 8.37
** 593365.852, 4123452.958, 87.03, 3.40, 8.37
** 593364.589, 4123422.011, 86.92, 3.40, 8.37
** 593528.166, 4123404.327, 85.49, 3.40, 8.37
** 593528.166, 4123380.959, 85.35, 3.40, 8.37
** 593367.116, 4123398.011, 86.53, 3.40, 8.37
** 593366.484, 4123366.433, 85.93, 3.40, 8.37
** 593528.798, 4123365.170, 85.26, 3.40, 8.37
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   LOCATION L0005351     VOLUME   593550.424 4123273.265 85.76
   LOCATION L0005352     VOLUME   593568.414 4123273.875 85.69
   LOCATION L0005353     VOLUME   593586.403 4123274.485 85.54
   LOCATION L0005354     VOLUME   593604.393 4123275.095 85.31
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LOCATION L0005355 VOLUME 593620.445 4123280.092 84.99
LOCATION L0005356 VOLUME 593633.011 4123292.980 84.76
LOCATION L0005357 VOLUME 593633.445 4123300.418 84.75
LOCATION L0005358 VOLUME 593615.465 4123299.585 85.15
LOCATION L0005359 VOLUME 593597.484 4123298.751 85.48
LOCATION L0005360 VOLUME 593579.503 4123297.918 85.59
LOCATION L0005361 VOLUME 593561.523 4123297.084 85.67
LOCATION L0005362 VOLUME 593545.040 4123297.998 85.77
LOCATION L0005363 VOLUME 593543.122 4123315.895 85.66
LOCATION L0005364 VOLUME 593543.538 4123331.707 85.51
LOCATION L0005365 VOLUME 593561.537 4123331.797 85.42
LOCATION L0005366 VOLUME 593579.537 4123331.888 85.35
LOCATION L0005367 VOLUME 593597.537 4123331.978 85.21
LOCATION L0005368 VOLUME 593615.537 4123332.069 84.92
LOCATION L0005369 VOLUME 593633.536 4123332.159 84.59
LOCATION L0005370 VOLUME 593651.536 4123332.250 84.26
LOCATION L0005371 VOLUME 593668.310 4123334.435 83.97
LOCATION L0005372 VOLUME 593677.202 4123350.086 83.92
LOCATION L0005373 VOLUME 593676.439 4123360.031 83.97
LOCATION L0005374 VOLUME 593658.441 4123359.790 84.20
LOCATION L0005375 VOLUME 593640.443 4123359.548 84.41
LOCATION L0005376 VOLUME 593622.444 4123359.307 84.68
LOCATION L0005377 VOLUME 593604.446 4123359.066 84.91
LOCATION L0005378 VOLUME 593586.448 4123358.825 85.11
LOCATION L0005379 VOLUME 593568.449 4123358.584 85.23
LOCATION L0005380 VOLUME 593550.451 4123358.343 85.21
LOCATION L0005381 VOLUME 593541.246 4123367.198 85.24
LOCATION L0005382 VOLUME 593540.879 4123385.195 85.27
LOCATION L0005383 VOLUME 593554.819 4123388.890 85.26
LOCATION L0005384 VOLUME 593572.816 4123388.532 85.28
LOCATION L0005385 VOLUME 593590.812 4123388.173 85.13
LOCATION L0005386 VOLUME 593608.809 4123387.815 84.90
LOCATION L0005387 VOLUME 593626.805 4123387.456 84.67
LOCATION L0005388 VOLUME 593644.801 4123387.098 84.50
LOCATION L0005389 VOLUME 593662.798 4123386.739 84.46
LOCATION L0005390 VOLUME 593680.794 4123386.381 84.29
LOCATION L0005391 VOLUME 593698.791 4123386.022 84.00
LOCATION L0005392 VOLUME 593697.741 4123403.408 83.79
LOCATION L0005393 VOLUME 593689.232 4123413.891 83.72
LOCATION L0005394 VOLUME 593671.233 4123414.106 84.06
LOCATION L0005395 VOLUME 593653.234 4123414.321 84.22
LOCATION L0005396 VOLUME 593635.236 4123414.536 84.48
LOCATION L0005397 VOLUME 593617.237 4123414.752 84.84
LOCATION L0005398 VOLUME 593599.238 4123414.967 85.27
LOCATION L0005399 VOLUME 593581.240 4123415.182 85.50
LOCATION L0005400 VOLUME 593563.241 4123415.397 85.59
LOCATION L0005401 VOLUME 593545.242 4123415.612 85.59
LOCATION L0005402 VOLUME 593538.271 4123426.724 85.45
LOCATION L0005403 VOLUME 593538.872 4123444.018 84.82
LOCATION L0005404 VOLUME 593556.636 4123441.116 84.64

LOCATION L0005405 VOLUME 593574.401 4123438.215 84.53
LOCATION L0005406 VOLUME 593592.165 4123435.313 84.31
LOCATION L0005407 VOLUME 593609.930 4123432.411 84.05
LOCATION L0005408 VOLUME 593627.694 4123429.509 83.83
LOCATION L0005409 VOLUME 593645.459 4123426.607 83.72
LOCATION L0005410 VOLUME 593663.224 4123423.706 83.80
LOCATION L0005411 VOLUME 593680.988 4123420.804 83.73
LOCATION L0005412 VOLUME 593696.900 4123420.202 83.40
LOCATION L0005413 VOLUME 593689.596 4123431.679 82.49
LOCATION L0005414 VOLUME 593671.899 4123434.972 82.48
LOCATION L0005415 VOLUME 593654.203 4123438.265 82.42
LOCATION L0005416 VOLUME 593636.507 4123441.558 82.48
LOCATION L0005417 VOLUME 593618.811 4123444.851 82.65
LOCATION L0005418 VOLUME 593601.115 4123448.144 82.99
LOCATION L0005419 VOLUME 593583.418 4123451.438 83.36
LOCATION L0005420 VOLUME 593565.722 4123454.731 83.61
LOCATION L0005421 VOLUME 593548.026 4123458.024 83.66
LOCATION L0005422 VOLUME 593530.330 4123461.317 83.65
LOCATION L0005423 VOLUME 593512.634 4123464.610 83.64
LOCATION L0005424 VOLUME 593494.937 4123467.903 83.64
LOCATION L0005425 VOLUME 593477.241 4123471.196 83.69
LOCATION L0005426 VOLUME 593459.545 4123474.489 83.75
LOCATION L0005427 VOLUME 593441.849 4123477.782 83.90
LOCATION L0005428 VOLUME 593424.153 4123481.075 84.19
LOCATION L0005429 VOLUME 593406.456 4123484.368 84.61
LOCATION L0005430 VOLUME 593388.760 4123487.662 84.82
LOCATION L0005431 VOLUME 593371.064 4123490.955 84.86
LOCATION L0005432 VOLUME 593361.812 4123484.554 85.77
LOCATION L0005433 VOLUME 593362.649 4123466.573 86.59
LOCATION L0005434 VOLUME 593379.586 4123463.544 86.52
LOCATION L0005435 VOLUME 593397.456 4123461.380 86.43
LOCATION L0005436 VOLUME 593415.325 4123459.216 86.22
LOCATION L0005437 VOLUME 593433.195 4123457.052 86.12
LOCATION L0005438 VOLUME 593451.064 4123454.889 86.12
LOCATION L0005439 VOLUME 593468.934 4123452.725 86.11
LOCATION L0005440 VOLUME 593486.803 4123450.561 85.92
LOCATION L0005441 VOLUME 593504.672 4123448.397 85.45
LOCATION L0005442 VOLUME 593522.542 4123446.233 85.05
LOCATION L0005443 VOLUME 593524.813 4123429.865 85.47
LOCATION L0005444 VOLUME 593514.424 4123424.659 85.76
LOCATION L0005445 VOLUME 593496.742 4123428.027 85.99
LOCATION L0005446 VOLUME 593479.060 4123431.395 86.31
LOCATION L0005447 VOLUME 593461.378 4123434.763 86.54
LOCATION L0005448 VOLUME 593443.695 4123438.131 86.69
LOCATION L0005449 VOLUME 593426.013 4123441.499 86.79
LOCATION L0005450 VOLUME 593408.331 4123444.867 86.99
LOCATION L0005451 VOLUME 593390.649 4123448.235 87.09
LOCATION L0005452 VOLUME 593372.967 4123451.603 86.97
LOCATION L0005453 VOLUME 593365.414 4123442.210 86.99
LOCATION L0005454 VOLUME 593364.680 4123424.225 86.93

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   LOCATION L0005455     VOLUME   593380.283 4123420.315 86.96
   LOCATION L0005456     VOLUME   593398.178 4123418.380 86.88
   LOCATION L0005457     VOLUME   593416.074 4123416.445 86.61
   LOCATION L0005458     VOLUME   593433.970 4123414.511 86.43
   LOCATION L0005459     VOLUME   593451.865 4123412.576 86.30
   LOCATION L0005460     VOLUME   593469.761 4123410.641 86.19
   LOCATION L0005461     VOLUME   593487.657 4123408.707 86.03
   LOCATION L0005462     VOLUME   593505.553 4123406.772 85.82
   LOCATION L0005463     VOLUME   593523.448 4123404.837 85.55
   LOCATION L0005464     VOLUME   593528.166 4123391.073 85.35
   LOCATION L0005465     VOLUME   593520.324 4123381.789 85.35
   LOCATION L0005466     VOLUME   593502.424 4123383.685 85.48
   LOCATION L0005467     VOLUME   593484.524 4123385.580 85.42
   LOCATION L0005468     VOLUME   593466.624 4123387.475 85.27
   LOCATION L0005469     VOLUME   593448.724 4123389.371 85.06
   LOCATION L0005470     VOLUME   593430.824 4123391.266 85.35
   LOCATION L0005471     VOLUME   593412.924 4123393.161 85.56
   LOCATION L0005472     VOLUME   593395.024 4123395.056 85.89
   LOCATION L0005473     VOLUME   593377.124 4123396.952 86.55
   LOCATION L0005474     VOLUME   593366.957 4123390.078 86.64
   LOCATION L0005475     VOLUME   593366.597 4123372.081 86.24
   LOCATION L0005476     VOLUME   593378.834 4123366.337 85.41
   LOCATION L0005477     VOLUME   593396.834 4123366.197 83.99
   LOCATION L0005478     VOLUME   593414.833 4123366.057 83.48
   LOCATION L0005479     VOLUME   593432.832 4123365.917 83.35
   LOCATION L0005480     VOLUME   593450.832 4123365.776 83.49
   LOCATION L0005481     VOLUME   593468.831 4123365.636 84.09
   LOCATION L0005482     VOLUME   593486.831 4123365.496 84.58
   LOCATION L0005483     VOLUME   593504.830 4123365.356 84.98
   LOCATION L0005484     VOLUME   593522.830 4123365.216 85.29
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC P2 OnSite
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 22
** 593295.116, 4123494.010, 85.70, 0.00, 8.37
** 593352.985, 4123490.309, 83.82, 0.00, 8.37
** 593355.710, 4123470.426, 86.45, 0.00, 8.37
** 593295.875, 4123472.490, 87.31, 0.00, 8.37
** 593295.144, 4123443.893, 87.27, 0.00, 8.37
** 593352.589, 4123448.537, 86.94, 0.00, 8.37
** 593351.958, 4123424.537, 86.84, 0.00, 8.37
** 593295.748, 4123425.801, 87.14, 0.00, 8.37
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** 593293.222, 4123399.906, 87.13, 0.00, 8.37
** 593355.116, 4123399.906, 86.56, 0.00, 8.37
** 593353.853, 4123375.906, 86.61, 0.00, 8.37
** 593293.222, 4123375.906, 87.23, 0.00, 8.37
** 593293.222, 4123356.328, 87.37, 0.00, 8.37
** 593353.221, 4123358.222, 86.81, 0.00, 8.37
** 593351.958, 4123332.960, 86.92, 0.00, 8.37
** 593295.116, 4123332.960, 87.50, 0.00, 8.37
** 593293.222, 4123311.486, 87.55, 0.00, 8.37
** 593357.642, 4123317.802, 85.98, 0.00, 8.37
** 593354.484, 4123295.065, 87.30, 0.00, 8.37
** 593292.590, 4123295.065, 87.80, 0.00, 8.37
** 593295.116, 4123281.171, 87.80, 0.00, 8.37
** 593357.642, 4123279.276, 87.09, 0.00, 8.37
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   LOCATION L0006501     VOLUME   593304.098 4123493.436 85.96
   LOCATION L0006502     VOLUME   593322.061 4123492.287 85.79
   LOCATION L0006503     VOLUME   593340.025 4123491.138 85.49
   LOCATION L0006504     VOLUME   593353.666 4123485.342 85.83
   LOCATION L0006505     VOLUME   593352.767 4123470.528 86.63
   LOCATION L0006506     VOLUME   593334.778 4123471.149 86.96
   LOCATION L0006507     VOLUME   593316.789 4123471.769 87.21
   LOCATION L0006508     VOLUME   593298.799 4123472.390 87.31
   LOCATION L0006509     VOLUME   593295.490 4123457.422 87.32
   LOCATION L0006510     VOLUME   593299.596 4123444.253 87.26
   LOCATION L0006511     VOLUME   593317.538 4123445.703 87.11
   LOCATION L0006512     VOLUME   593335.479 4123447.154 87.00
   LOCATION L0006513     VOLUME   593352.567 4123447.703 86.94
   LOCATION L0006514     VOLUME   593352.094 4123429.710 86.88
   LOCATION L0006515     VOLUME   593339.135 4123424.826 86.87
   LOCATION L0006516     VOLUME   593321.140 4123425.230 86.94
   LOCATION L0006517     VOLUME   593303.144 4123425.634 87.11
   LOCATION L0006518     VOLUME   593294.719 4123415.249 87.18
   LOCATION L0006519     VOLUME   593295.806 4123399.906 87.19
   LOCATION L0006520     VOLUME   593313.806 4123399.906 87.01
   LOCATION L0006521     VOLUME   593331.806 4123399.906 86.91
   LOCATION L0006522     VOLUME   593349.806 4123399.906 86.89
   LOCATION L0006523     VOLUME   593354.449 4123387.233 86.86
   LOCATION L0006524     VOLUME   593347.195 4123375.906 86.91
   LOCATION L0006525     VOLUME   593329.195 4123375.906 86.98
   LOCATION L0006526     VOLUME   593311.195 4123375.906 87.10
   LOCATION L0006527     VOLUME   593293.222 4123375.880 87.31
   LOCATION L0006528     VOLUME   593293.222 4123357.880 87.43
   LOCATION L0006529     VOLUME   593309.661 4123356.847 87.20
   LOCATION L0006530     VOLUME   593327.652 4123357.415 87.02
   LOCATION L0006531     VOLUME   593345.643 4123357.983 86.89
   LOCATION L0006532     VOLUME   593352.701 4123347.817 86.80
   LOCATION L0006533     VOLUME   593348.834 4123332.960 87.00
   LOCATION L0006534     VOLUME   593330.834 4123332.960 87.15
   LOCATION L0006535     VOLUME   593312.834 4123332.960 87.31
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   LOCATION L0006536     VOLUME   593295.092 4123332.678 87.54
   LOCATION L0006537     VOLUME   593293.509 4123314.747 87.68
   LOCATION L0006538     VOLUME   593307.877 4123312.923 87.51
   LOCATION L0006539     VOLUME   593325.792 4123314.679 87.35
   LOCATION L0006540     VOLUME   593343.706 4123316.436 87.18
   LOCATION L0006541     VOLUME   593357.092 4123313.843 86.88
   LOCATION L0006542     VOLUME   593354.616 4123296.014 87.22
   LOCATION L0006543     VOLUME   593337.442 4123295.065 87.45
   LOCATION L0006544     VOLUME   593319.442 4123295.065 87.59
   LOCATION L0006545     VOLUME   593301.442 4123295.065 87.71
   LOCATION L0006546     VOLUME   593294.227 4123286.065 87.86
   LOCATION L0006547     VOLUME   593308.136 4123280.776 87.72
   LOCATION L0006548     VOLUME   593326.128 4123280.231 87.60
   LOCATION L0006549     VOLUME   593344.120 4123279.686 87.43
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC P3 On Site
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 9
** 593369.642, 4123344.959, 85.74, 3.40, 8.37
** 593524.377, 4123345.591, 85.36, 3.40, 8.37
** 593527.535, 4123325.381, 85.88, 3.40, 8.37
** 593371.537, 4123325.381, 85.63, 3.40, 8.37
** 593372.168, 4123301.381, 86.54, 3.40, 8.37
** 593529.429, 4123304.539, 86.10, 3.40, 8.37
** 593527.535, 4123287.486, 86.12, 3.40, 8.37
** 593371.537, 4123289.381, 86.62, 3.40, 8.37
** 593373.431, 4123269.802, 87.02, 3.40, 8.37
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   LOCATION L0005675     VOLUME   593378.642 4123344.996 85.16
   LOCATION L0005676     VOLUME   593396.642 4123345.070 83.45
   LOCATION L0005677     VOLUME   593414.641 4123345.143 83.08
   LOCATION L0005678     VOLUME   593432.641 4123345.217 83.30
   LOCATION L0005679     VOLUME   593450.641 4123345.290 83.85
   LOCATION L0005680     VOLUME   593468.641 4123345.363 84.63
   LOCATION L0005681     VOLUME   593486.641 4123345.437 85.12
   LOCATION L0005682     VOLUME   593504.641 4123345.510 85.40
   LOCATION L0005683     VOLUME   593522.641 4123345.584 85.53
   LOCATION L0005684     VOLUME   593526.888 4123329.522 85.79
   LOCATION L0005685     VOLUME   593513.727 4123325.381 86.12
   LOCATION L0005686     VOLUME   593495.727 4123325.381 86.43
   LOCATION L0005687     VOLUME   593477.727 4123325.381 86.39
   LOCATION L0005688     VOLUME   593459.727 4123325.381 85.67
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   LOCATION L0005689     VOLUME   593441.727 4123325.381 84.76
   LOCATION L0005690     VOLUME   593423.727 4123325.381 83.84
   LOCATION L0005691     VOLUME   593405.727 4123325.381 83.37
   LOCATION L0005692     VOLUME   593387.727 4123325.381 84.49
   LOCATION L0005693     VOLUME   593371.584 4123323.571 85.94
   LOCATION L0005694     VOLUME   593372.058 4123305.578 86.44
   LOCATION L0005695     VOLUME   593385.967 4123301.658 85.53
   LOCATION L0005696     VOLUME   593403.964 4123302.019 84.13
   LOCATION L0005697     VOLUME   593421.960 4123302.381 83.83
   LOCATION L0005698     VOLUME   593439.956 4123302.742 84.60
   LOCATION L0005699     VOLUME   593457.953 4123303.104 85.66
   LOCATION L0005700     VOLUME   593475.949 4123303.465 86.69
   LOCATION L0005701     VOLUME   593493.946 4123303.826 86.71
   LOCATION L0005702     VOLUME   593511.942 4123304.188 86.40
   LOCATION L0005703     VOLUME   593529.373 4123304.033 85.99
   LOCATION L0005704     VOLUME   593526.183 4123287.503 86.10
   LOCATION L0005705     VOLUME   593508.185 4123287.721 86.53
   LOCATION L0005706     VOLUME   593490.186 4123287.940 86.75
   LOCATION L0005707     VOLUME   593472.187 4123288.159 86.61
   LOCATION L0005708     VOLUME   593454.189 4123288.377 85.59
   LOCATION L0005709     VOLUME   593436.190 4123288.596 84.59
   LOCATION L0005710     VOLUME   593418.191 4123288.814 84.25
   LOCATION L0005711     VOLUME   593400.193 4123289.033 84.89
   LOCATION L0005712     VOLUME   593382.194 4123289.252 86.25
   LOCATION L0005713     VOLUME   593372.244 4123282.073 86.88
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0006614          0.05      3.40      7.44      3.16
   SRCPARAM L0006615          0.05      3.40      7.44      3.16
   SRCPARAM L0006616          0.05      3.40      7.44      3.16
   SRCPARAM L0006617          0.05      3.40      7.44      3.16
   SRCPARAM L0006618          0.05      3.40      7.44      3.16
   SRCPARAM L0006619          0.05      3.40      7.44      3.16
   SRCPARAM L0006620          0.05      3.40      7.44      3.16
   SRCPARAM L0006621          0.05      3.40      7.44      3.16
   SRCPARAM L0006622          0.05      3.40      7.44      3.16
   SRCPARAM L0006623          0.05      3.40      7.44      3.16
   SRCPARAM L0006624          0.05      3.40      7.44      3.16
   SRCPARAM L0006625          0.05      3.40      7.44      3.16
   SRCPARAM L0006626          0.05      3.40      7.44      3.16
   SRCPARAM L0006627          0.05      3.40      7.44      3.16
   SRCPARAM L0006628          0.05      3.40      7.44      3.16
   SRCPARAM L0006629          0.05      3.40      7.44      3.16
   SRCPARAM L0006630          0.05      3.40      7.44      3.16
   SRCPARAM L0006631          0.05      3.40      7.44      3.16
   SRCPARAM L0006632          0.05      3.40      7.44      3.16
   SRCPARAM L0006633          0.05      3.40      7.44      3.16
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** LINE VOLUME Source ID = SLINE3
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SRCPARAM L0006550      0.015625      3.40      7.44      3.16
SRCPARAM L0006551      0.015625      3.40      7.44      3.16
SRCPARAM L0006552      0.015625      3.40      7.44      3.16
SRCPARAM L0006553      0.015625      3.40      7.44      3.16
SRCPARAM L0006554      0.015625      3.40      7.44      3.16
SRCPARAM L0006555      0.015625      3.40      7.44      3.16
SRCPARAM L0006556      0.015625      3.40      7.44      3.16
SRCPARAM L0006557      0.015625      3.40      7.44      3.16
SRCPARAM L0006558      0.015625      3.40      7.44      3.16
SRCPARAM L0006559      0.015625      3.40      7.44      3.16
SRCPARAM L0006560      0.015625      3.40      7.44      3.16
SRCPARAM L0006561      0.015625      3.40      7.44      3.16
SRCPARAM L0006562      0.015625      3.40      7.44      3.16
SRCPARAM L0006563      0.015625      3.40      7.44      3.16
SRCPARAM L0006564      0.015625      3.40      7.44      3.16
SRCPARAM L0006565      0.015625      3.40      7.44      3.16
SRCPARAM L0006566      0.015625      3.40      7.44      3.16
SRCPARAM L0006567      0.015625      3.40      7.44      3.16
SRCPARAM L0006568      0.015625      3.40      7.44      3.16
SRCPARAM L0006569      0.015625      3.40      7.44      3.16
SRCPARAM L0006570      0.015625      3.40      7.44      3.16
SRCPARAM L0006571      0.015625      3.40      7.44      3.16
SRCPARAM L0006572      0.015625      3.40      7.44      3.16
SRCPARAM L0006573      0.015625      3.40      7.44      3.16
SRCPARAM L0006574      0.015625      3.40      7.44      3.16
SRCPARAM L0006575      0.015625      3.40      7.44      3.16
SRCPARAM L0006576      0.015625      3.40      7.44      3.16
SRCPARAM L0006577      0.015625      3.40      7.44      3.16
SRCPARAM L0006578      0.015625      3.40      7.44      3.16
SRCPARAM L0006579      0.015625      3.40      7.44      3.16
SRCPARAM L0006580      0.015625      3.40      7.44      3.16
SRCPARAM L0006581      0.015625      3.40      7.44      3.16
SRCPARAM L0006582      0.015625      3.40      7.44      3.16
SRCPARAM L0006583      0.015625      3.40      7.44      3.16
SRCPARAM L0006584      0.015625      3.40      7.44      3.16
SRCPARAM L0006585      0.015625      3.40      7.44      3.16
SRCPARAM L0006586      0.015625      3.40      7.44      3.16
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SRCPARAM L0006588      0.015625      3.40      7.44      3.16
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SRCPARAM L0006591      0.015625      3.40      7.44      3.16
SRCPARAM L0006592      0.015625      3.40      7.44      3.16
SRCPARAM L0006593      0.015625      3.40      7.44      3.16
SRCPARAM L0006594      0.015625      3.40      7.44      3.16
SRCPARAM L0006595      0.015625      3.40      7.44      3.16
SRCPARAM L0006596      0.015625      3.40      7.44      3.16
SRCPARAM L0006597      0.015625      3.40      7.44      3.16
SRCPARAM L0006598      0.015625      3.40      7.44      3.16
SRCPARAM L0006599      0.015625      3.40      7.44      3.16
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   SRCPARAM L0006600      0.015625      3.40      7.44      3.16
   SRCPARAM L0006601      0.015625      3.40      7.44      3.16
   SRCPARAM L0006602      0.015625      3.40      7.44      3.16
   SRCPARAM L0006603      0.015625      3.40      7.44      3.16
   SRCPARAM L0006604      0.015625      3.40      7.44      3.16
   SRCPARAM L0006605      0.015625      3.40      7.44      3.16
   SRCPARAM L0006606      0.015625      3.40      7.44      3.16
   SRCPARAM L0006607      0.015625      3.40      7.44      3.16
   SRCPARAM L0006608      0.015625      3.40      7.44      3.16
   SRCPARAM L0006609      0.015625      3.40      7.44      3.16
   SRCPARAM L0006610      0.015625      3.40      7.44      3.16
   SRCPARAM L0006611      0.015625      3.40      7.44      3.16
   SRCPARAM L0006612      0.015625      3.40      7.44      3.16
   SRCPARAM L0006613      0.015625      3.40      7.44      3.16
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** LINE VOLUME Source ID = SLINE4
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   SRCPARAM L0005352     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005353     0.0074626866      3.40      8.37      3.16
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   SRCPARAM L0005355     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005356     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005357     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005358     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005359     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005360     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005361     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005362     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005363     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005364     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005365     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005366     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005367     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005368     0.0074626866      3.40      8.37      3.16
   SRCPARAM L0005369     0.0074626866      3.40      8.37      3.16
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SRCPARAM L0005463     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005464     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005465     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005466     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005467     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005468     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005469     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005470     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005471     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005472     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005473     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005474     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005475     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005476     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005477     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005478     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005479     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005480     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005481     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005482     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005483     0.0074626866      3.40      8.37      3.16
SRCPARAM L0005484     0.0074626866      3.40      8.37      3.16
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** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0006501     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006502     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006503     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006504     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006505     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006506     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006507     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006508     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006509     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006510     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006511     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006512     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006513     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006514     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006515     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006516     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006517     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006518     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006519     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006520     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006521     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006522     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006523     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006524     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006525     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006526     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006527     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006528     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006529     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006530     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006531     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006532     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006533     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006534     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006535     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006536     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006537     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006538     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006539     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006540     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006541     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006542     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006543     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006544     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006545     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006546     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006547     0.0204081633      0.00      8.37      3.16
   SRCPARAM L0006548     0.0204081633      0.00      8.37      3.16
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   SRCPARAM L0006549     0.0204081633      0.00      8.37      3.16
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0005675     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005676     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005677     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005678     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005679     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005680     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005681     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005682     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005683     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005684     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005685     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005686     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005687     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005688     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005689     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005690     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005691     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005692     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005693     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005694     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005695     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005696     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005697     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005698     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005699     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005700     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005701     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005702     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005703     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005704     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005705     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005706     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005707     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005708     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005709     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005710     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005711     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005712     0.0256410256      3.40      8.37      3.16
   SRCPARAM L0005713     0.0256410256      3.40      8.37      3.16
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006614     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006614     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006615     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006615     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006616     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006616     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006617     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006617     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006618     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006618     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006619     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006620     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006621     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006622     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006623     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006624     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006625     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006626     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006627     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006627     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006628     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006628     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006629     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006629     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006630     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006630     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006631     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006631     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006632     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006633     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006614     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006614     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006615     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006615     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006616     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006616     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006616     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006617     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006617     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006617     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006618     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006618     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006618     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006619     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006619     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006620     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006620     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006621     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006621     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006622     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006623     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006623     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006624     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006624     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006625     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006626     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006627     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006627     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006628     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006628     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006629     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006629     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006630     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006630     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006631     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006631     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006632     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006632     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006633     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006619     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005460     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
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   EMISFACT L0005354     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006507     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0005675     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0005675     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0005675     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0005676     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0005679     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0005679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0005680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0005681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0005681     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0005683     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0005683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005687     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005696     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
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   EMISFACT L0005679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0005706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0005707     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP OffSiteS L0006604 L0006605 L0006606 L0006607 L0006608 L0006609
SRCGROUP OffSiteS L0006610 L0006611 L0006612 L0006613
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   SRCGROUP P2On     L0006531 L0006532 L0006533 L0006534 L0006535 L0006536
   SRCGROUP P2On     L0006537 L0006538 L0006539 L0006540 L0006541 L0006542
   SRCGROUP P2On     L0006543 L0006544 L0006545 L0006546 L0006547 L0006548
   SRCGROUP P2On     L0006549
   SRCGROUP P3On     L0005675 L0005676 L0005677 L0005678 L0005679 L0005680
   SRCGROUP P3On     L0005681 L0005682 L0005683 L0005684 L0005685 L0005686
   SRCGROUP P3On     L0005687 L0005688 L0005689 L0005690 L0005691 L0005692
   SRCGROUP P3On     L0005693 L0005694 L0005695 L0005696 L0005697 L0005698
   SRCGROUP P3On     L0005699 L0005700 L0005701 L0005702 L0005703 L0005704
   SRCGROUP P3On     L0005705 L0005706 L0005707 L0005708 L0005709 L0005710
   SRCGROUP P3On     L0005711 L0005712 L0005713
   SRCGROUP OffSiteL L0006614 L0006615 L0006616 L0006617 L0006618 L0006619
   SRCGROUP OffSiteL L0006620 L0006621 L0006622 L0006623 L0006624 L0006625
   SRCGROUP OffSiteL L0006626 L0006627 L0006628 L0006629 L0006630 L0006631
   SRCGROUP OffSiteL L0006632 L0006633
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Good Sam Phase I Cons.rou"
RE FINISHED
**
```

```
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Good Sam Phase I Cons.SFC"
   PROFFILE "Good Sam Phase I Cons.PFL"
   SURFDATA 23293 2013 San_Jose_Int_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Good Sam Phase I Cons.AD\01H1GALL.PLT" 31
   PLOTFILE 1 OffSiteS 1ST "Good Sam Phase I Cons.AD\01H1G001.PLT" 32
   PLOTFILE 1 P1On 1ST "Good Sam Phase I Cons.AD\01H1G002.PLT" 33
   PLOTFILE 1 P2On 1ST "Good Sam Phase I Cons.AD\01H1G003.PLT" 34
   PLOTFILE 1 P3On 1ST "Good Sam Phase I Cons.AD\01H1G004.PLT" 35
   PLOTFILE 1 OffSiteL 1ST "Good Sam Phase I Cons.AD\01H1G005.PLT" 36
   PLOTFILE PERIOD ALL "Good Sam Phase I Cons.AD\PE00GALL.PLT" 37
   PLOTFILE PERIOD OffSiteS "Good Sam Phase I Cons.AD\PE00G001.PLT" 38
   PLOTFILE PERIOD P1On "Good Sam Phase I Cons.AD\PE00G002.PLT" 39
   PLOTFILE PERIOD P2On "Good Sam Phase I Cons.AD\PE00G003.PLT" 40
   PLOTFILE PERIOD P3On "Good Sam Phase I Cons.AD\PE00G004.PLT" 41
   PLOTFILE PERIOD OffSiteL "Good Sam Phase I Cons.AD\PE00G005.PLT" 42
   SUMMFILE "Good Sam Phase I Cons.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 10/16/2023
** File: C:\Lakes\AERMOD View\Good Sam_Ops_1\Good Sam_Ops_1.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Good Sam_Ops_1\Good Sam_Ops_1.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "Good Sam_Ops_1.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Off Site Los Gatos
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.28
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 592795.302, 4123314.624, 90.94, 3.40, 7.44
** 592961.400, 4123582.440, 82.54, 3.40, 7.44
** ------------------------------------------------------------------------
   LOCATION L0006750     VOLUME   592799.519 4123321.422 91.05
```

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   LOCATION L0006751     VOLUME   592807.952 4123335.020 90.94
   LOCATION L0006752     VOLUME   592816.385 4123348.617 90.75
   LOCATION L0006753     VOLUME   592824.818 4123362.214 90.63
   LOCATION L0006754     VOLUME   592833.251 4123375.811 90.65
   LOCATION L0006755     VOLUME   592841.683 4123389.409 90.44
   LOCATION L0006756     VOLUME   592850.116 4123403.006 90.33
   LOCATION L0006757     VOLUME   592858.549 4123416.603 90.33
   LOCATION L0006758     VOLUME   592866.982 4123430.200 90.15
   LOCATION L0006759     VOLUME   592875.415 4123443.798 90.08
   LOCATION L0006760     VOLUME   592883.848 4123457.395 89.96
   LOCATION L0006761     VOLUME   592892.281 4123470.992 89.77
   LOCATION L0006762     VOLUME   592900.714 4123484.590 89.61
   LOCATION L0006763     VOLUME   592909.147 4123498.187 89.48
   LOCATION L0006764     VOLUME   592917.580 4123511.784 89.31
   LOCATION L0006765     VOLUME   592926.013 4123525.381 89.04
   LOCATION L0006766     VOLUME   592934.446 4123538.979 88.34
   LOCATION L0006767     VOLUME   592942.879 4123552.576 85.67
   LOCATION L0006768     VOLUME   592951.311 4123566.173 82.76
   LOCATION L0006769     VOLUME   592959.744 4123579.770 80.76
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Off Site Samaritan
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.72
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 11
** 592913.760, 4123461.408, 89.82, 3.40, 7.44
** 592960.112, 4123449.819, 89.33, 3.40, 7.44
** 593007.753, 4123467.845, 89.18, 3.40, 7.44
** 593061.831, 4123456.257, 88.71, 3.40, 7.44
** 593086.295, 4123399.604, 88.74, 3.40, 7.44
** 593124.923, 4123283.722, 88.84, 3.40, 7.44
** 593157.112, 4123248.957, 88.95, 3.40, 7.44
** 593611.627, 4123252.820, 85.21, 3.40, 7.44
** 593656.693, 4123310.761, 84.34, 3.40, 7.44
** 593699.183, 4123358.401, 83.61, 3.40, 7.44
** 593701.758, 4123398.316, 83.92, 3.40, 7.44
** ----------------------------------------------------------------
   LOCATION L0006686     VOLUME   592921.521 4123459.467 89.68
   LOCATION L0006687     VOLUME   592937.043 4123455.587 89.52
   LOCATION L0006688     VOLUME   592952.565 4123451.706 89.40
   LOCATION L0006689     VOLUME   592967.801 4123452.729 89.32
   LOCATION L0006690     VOLUME   592982.766 4123458.391 89.29
   LOCATION L0006691     VOLUME   592997.730 4123464.053 89.20
   LOCATION L0006692     VOLUME   593012.919 4123466.738 89.10
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LOCATION L0006693 VOLUME 593028.564 4123463.386 88.99
LOCATION L0006694 VOLUME 593044.209 4123460.033 88.83
LOCATION L0006695 VOLUME 593059.854 4123456.681 88.70
LOCATION L0006696 VOLUME 593067.373 4123443.425 88.67
LOCATION L0006697 VOLUME 593073.716 4123428.736 88.66
LOCATION L0006698 VOLUME 593080.058 4123414.047 88.56
LOCATION L0006699 VOLUME 593086.380 4123399.349 88.67
LOCATION L0006700 VOLUME 593091.440 4123384.171 88.65
LOCATION L0006701 VOLUME 593096.499 4123368.992 88.67
LOCATION L0006702 VOLUME 593101.559 4123353.813 88.68
LOCATION L0006703 VOLUME 593106.619 4123338.634 88.69
LOCATION L0006704 VOLUME 593111.678 4123323.455 88.72
LOCATION L0006705 VOLUME 593116.738 4123308.276 88.81
LOCATION L0006706 VOLUME 593121.797 4123293.097 88.89
LOCATION L0006707 VOLUME 593129.079 4123279.233 88.90
LOCATION L0006708 VOLUME 593139.949 4123267.493 88.89
LOCATION L0006709 VOLUME 593150.820 4123255.752 88.95
LOCATION L0006710 VOLUME 593163.851 4123249.014 88.95
LOCATION L0006711 VOLUME 593179.850 4123249.150 88.85
LOCATION L0006712 VOLUME 593195.850 4123249.286 88.76
LOCATION L0006713 VOLUME 593211.849 4123249.422 88.66
LOCATION L0006714 VOLUME 593227.848 4123249.558 88.55
LOCATION L0006715 VOLUME 593243.848 4123249.694 88.47
LOCATION L0006716 VOLUME 593259.847 4123249.830 88.34
LOCATION L0006717 VOLUME 593275.847 4123249.966 88.16
LOCATION L0006718 VOLUME 593291.846 4123250.102 87.98
LOCATION L0006719 VOLUME 593307.846 4123250.238 87.81
LOCATION L0006720 VOLUME 593323.845 4123250.374 87.67
LOCATION L0006721 VOLUME 593339.844 4123250.510 87.52
LOCATION L0006722 VOLUME 593355.844 4123250.646 87.36
LOCATION L0006723 VOLUME 593371.843 4123250.782 87.19
LOCATION L0006724 VOLUME 593387.843 4123250.918 86.90
LOCATION L0006725 VOLUME 593403.842 4123251.054 86.53
LOCATION L0006726 VOLUME 593419.841 4123251.190 85.99
LOCATION L0006727 VOLUME 593435.841 4123251.326 85.97
LOCATION L0006728 VOLUME 593451.840 4123251.462 86.29
LOCATION L0006729 VOLUME 593467.840 4123251.598 86.51
LOCATION L0006730 VOLUME 593483.839 4123251.734 86.54
LOCATION L0006731 VOLUME 593499.839 4123251.870 86.41
LOCATION L0006732 VOLUME 593515.838 4123252.006 86.15
LOCATION L0006733 VOLUME 593531.837 4123252.142 85.93
LOCATION L0006734 VOLUME 593547.837 4123252.278 85.76
LOCATION L0006735 VOLUME 593563.836 4123252.414 85.64
LOCATION L0006736 VOLUME 593579.836 4123252.550 85.52
LOCATION L0006737 VOLUME 593595.835 4123252.686 85.38
LOCATION L0006738 VOLUME 593611.755 4123252.983 85.17
LOCATION L0006739 VOLUME 593621.578 4123265.613 84.93
LOCATION L0006740 VOLUME 593631.401 4123278.243 84.76
LOCATION L0006741 VOLUME 593641.224 4123290.872 84.56
LOCATION L0006742 VOLUME 593651.047 4123303.502 84.34

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   LOCATION L0006743     VOLUME   593661.221 4123315.839 84.12
   LOCATION L0006744     VOLUME   593671.871 4123327.779 83.88
   LOCATION L0006745     VOLUME   593682.521 4123339.720 83.82
   LOCATION L0006746     VOLUME   593693.171 4123351.661 83.67
   LOCATION L0006747     VOLUME   593699.631 4123365.355 83.68
   LOCATION L0006748     VOLUME   593700.661 4123381.322 83.91
   LOCATION L0006749     VOLUME   593701.691 4123397.289 83.87
** End of LINE VOLUME Source ID = SLINE3
   LOCATION STCK1        POINT      593594.800  4123422.250       85.310
** DESCRSRC Gen 1
   LOCATION STCK2        POINT      593669.780  4123407.000       84.210
** DESCRSRC Gen 2
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Idling
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 2
** 593384.245, 4123466.687, 85.93, 3.15, 4.05
** 593384.583, 4123446.031, 87.05, 3.15, 4.05
** ------------------------------------------------------------------
   LOCATION L0006774     VOLUME   593384.316 4123462.338 86.51
   LOCATION L0006775     VOLUME   593384.459 4123453.639 86.89
** End of LINE VOLUME Source ID = SLINE4
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Onsite Circ
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 4
** 593364.857, 4123265.278, 87.15, 3.15, 4.05
** 593358.085, 4123454.116, 86.97, 3.15, 4.05
** 593298.326, 4123452.921, 87.27, 3.15, 4.05
** 593302.708, 4123266.872, 87.83, 3.15, 4.05
** ------------------------------------------------------------------
   LOCATION L0006636     VOLUME   593364.701 4123269.626 87.16
   LOCATION L0006637     VOLUME   593364.390 4123278.320 87.09
   LOCATION L0006638     VOLUME   593364.078 4123287.014 87.03
   LOCATION L0006639     VOLUME   593363.766 4123295.709 86.96
   LOCATION L0006640     VOLUME   593363.454 4123304.403 86.79
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   LOCATION L0006641     VOLUME   593363.142 4123313.098 86.62
   LOCATION L0006642     VOLUME   593362.830 4123321.792 86.45
   LOCATION L0006643     VOLUME   593362.519 4123330.486 86.35
   LOCATION L0006644     VOLUME   593362.207 4123339.181 86.29
   LOCATION L0006645     VOLUME   593361.895 4123347.875 86.24
   LOCATION L0006646     VOLUME   593361.583 4123356.570 86.19
   LOCATION L0006647     VOLUME   593361.271 4123365.264 86.35
   LOCATION L0006648     VOLUME   593360.959 4123373.959 86.51
   LOCATION L0006649     VOLUME   593360.648 4123382.653 86.66
   LOCATION L0006650     VOLUME   593360.336 4123391.347 86.76
   LOCATION L0006651     VOLUME   593360.024 4123400.042 86.80
   LOCATION L0006652     VOLUME   593359.712 4123408.736 86.84
   LOCATION L0006653     VOLUME   593359.400 4123417.431 86.87
   LOCATION L0006654     VOLUME   593359.089 4123426.125 86.90
   LOCATION L0006655     VOLUME   593358.777 4123434.819 86.93
   LOCATION L0006656     VOLUME   593358.465 4123443.514 86.96
   LOCATION L0006657     VOLUME   593358.153 4123452.208 86.91
   LOCATION L0006658     VOLUME   593351.295 4123453.980 86.87
   LOCATION L0006659     VOLUME   593342.597 4123453.806 86.94
   LOCATION L0006660     VOLUME   593333.898 4123453.632 87.01
   LOCATION L0006661     VOLUME   593325.200 4123453.458 87.08
   LOCATION L0006662     VOLUME   593316.502 4123453.284 87.15
   LOCATION L0006663     VOLUME   593307.804 4123453.110 87.22
   LOCATION L0006664     VOLUME   593299.105 4123452.936 87.29
   LOCATION L0006665     VOLUME   593298.512 4123445.003 87.27
   LOCATION L0006666     VOLUME   593298.717 4123436.305 87.22
   LOCATION L0006667     VOLUME   593298.922 4123427.608 87.17
   LOCATION L0006668     VOLUME   593299.127 4123418.910 87.12
   LOCATION L0006669     VOLUME   593299.332 4123410.212 87.12
   LOCATION L0006670     VOLUME   593299.537 4123401.515 87.13
   LOCATION L0006671     VOLUME   593299.742 4123392.817 87.14
   LOCATION L0006672     VOLUME   593299.946 4123384.120 87.16
   LOCATION L0006673     VOLUME   593300.151 4123375.422 87.20
   LOCATION L0006674     VOLUME   593300.356 4123366.724 87.25
   LOCATION L0006675     VOLUME   593300.561 4123358.027 87.30
   LOCATION L0006676     VOLUME   593300.766 4123349.329 87.34
   LOCATION L0006677     VOLUME   593300.971 4123340.632 87.39
   LOCATION L0006678     VOLUME   593301.176 4123331.934 87.43
   LOCATION L0006679     VOLUME   593301.381 4123323.237 87.48
   LOCATION L0006680     VOLUME   593301.585 4123314.539 87.55
   LOCATION L0006681     VOLUME   593301.790 4123305.841 87.62
   LOCATION L0006682     VOLUME   593301.995 4123297.144 87.69
   LOCATION L0006683     VOLUME   593302.200 4123288.446 87.73
   LOCATION L0006684     VOLUME   593302.405 4123279.749 87.76
   LOCATION L0006685     VOLUME   593302.610 4123271.051 87.80
** End of LINE VOLUME Source ID = SLINE5
** Source Parameters **
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0006750         0.014      3.40      7.44      3.16
   SRCPARAM L0006751         0.014      3.40      7.44      3.16
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   SRCPARAM L0006752         0.014      3.40      7.44      3.16
   SRCPARAM L0006753         0.014      3.40      7.44      3.16
   SRCPARAM L0006754         0.014      3.40      7.44      3.16
   SRCPARAM L0006755         0.014      3.40      7.44      3.16
   SRCPARAM L0006756         0.014      3.40      7.44      3.16
   SRCPARAM L0006757         0.014      3.40      7.44      3.16
   SRCPARAM L0006758         0.014      3.40      7.44      3.16
   SRCPARAM L0006759         0.014      3.40      7.44      3.16
   SRCPARAM L0006760         0.014      3.40      7.44      3.16
   SRCPARAM L0006761         0.014      3.40      7.44      3.16
   SRCPARAM L0006762         0.014      3.40      7.44      3.16
   SRCPARAM L0006763         0.014      3.40      7.44      3.16
   SRCPARAM L0006764         0.014      3.40      7.44      3.16
   SRCPARAM L0006765         0.014      3.40      7.44      3.16
   SRCPARAM L0006766         0.014      3.40      7.44      3.16
   SRCPARAM L0006767         0.014      3.40      7.44      3.16
   SRCPARAM L0006768         0.014      3.40      7.44      3.16
   SRCPARAM L0006769         0.014      3.40      7.44      3.16
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0006686       0.01125      3.40      7.44      3.16
   SRCPARAM L0006687       0.01125      3.40      7.44      3.16
   SRCPARAM L0006688       0.01125      3.40      7.44      3.16
   SRCPARAM L0006689       0.01125      3.40      7.44      3.16
   SRCPARAM L0006690       0.01125      3.40      7.44      3.16
   SRCPARAM L0006691       0.01125      3.40      7.44      3.16
   SRCPARAM L0006692       0.01125      3.40      7.44      3.16
   SRCPARAM L0006693       0.01125      3.40      7.44      3.16
   SRCPARAM L0006694       0.01125      3.40      7.44      3.16
   SRCPARAM L0006695       0.01125      3.40      7.44      3.16
   SRCPARAM L0006696       0.01125      3.40      7.44      3.16
   SRCPARAM L0006697       0.01125      3.40      7.44      3.16
   SRCPARAM L0006698       0.01125      3.40      7.44      3.16
   SRCPARAM L0006699       0.01125      3.40      7.44      3.16
   SRCPARAM L0006700       0.01125      3.40      7.44      3.16
   SRCPARAM L0006701       0.01125      3.40      7.44      3.16
   SRCPARAM L0006702       0.01125      3.40      7.44      3.16
   SRCPARAM L0006703       0.01125      3.40      7.44      3.16
   SRCPARAM L0006704       0.01125      3.40      7.44      3.16
   SRCPARAM L0006705       0.01125      3.40      7.44      3.16
   SRCPARAM L0006706       0.01125      3.40      7.44      3.16
   SRCPARAM L0006707       0.01125      3.40      7.44      3.16
   SRCPARAM L0006708       0.01125      3.40      7.44      3.16
   SRCPARAM L0006709       0.01125      3.40      7.44      3.16
   SRCPARAM L0006710       0.01125      3.40      7.44      3.16
   SRCPARAM L0006711       0.01125      3.40      7.44      3.16
   SRCPARAM L0006712       0.01125      3.40      7.44      3.16
   SRCPARAM L0006713       0.01125      3.40      7.44      3.16
   SRCPARAM L0006714       0.01125      3.40      7.44      3.16
   SRCPARAM L0006715       0.01125      3.40      7.44      3.16
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   SRCPARAM L0006716       0.01125      3.40      7.44      3.16
   SRCPARAM L0006717       0.01125      3.40      7.44      3.16
   SRCPARAM L0006718       0.01125      3.40      7.44      3.16
   SRCPARAM L0006719       0.01125      3.40      7.44      3.16
   SRCPARAM L0006720       0.01125      3.40      7.44      3.16
   SRCPARAM L0006721       0.01125      3.40      7.44      3.16
   SRCPARAM L0006722       0.01125      3.40      7.44      3.16
   SRCPARAM L0006723       0.01125      3.40      7.44      3.16
   SRCPARAM L0006724       0.01125      3.40      7.44      3.16
   SRCPARAM L0006725       0.01125      3.40      7.44      3.16
   SRCPARAM L0006726       0.01125      3.40      7.44      3.16
   SRCPARAM L0006727       0.01125      3.40      7.44      3.16
   SRCPARAM L0006728       0.01125      3.40      7.44      3.16
   SRCPARAM L0006729       0.01125      3.40      7.44      3.16
   SRCPARAM L0006730       0.01125      3.40      7.44      3.16
   SRCPARAM L0006731       0.01125      3.40      7.44      3.16
   SRCPARAM L0006732       0.01125      3.40      7.44      3.16
   SRCPARAM L0006733       0.01125      3.40      7.44      3.16
   SRCPARAM L0006734       0.01125      3.40      7.44      3.16
   SRCPARAM L0006735       0.01125      3.40      7.44      3.16
   SRCPARAM L0006736       0.01125      3.40      7.44      3.16
   SRCPARAM L0006737       0.01125      3.40      7.44      3.16
   SRCPARAM L0006738       0.01125      3.40      7.44      3.16
   SRCPARAM L0006739       0.01125      3.40      7.44      3.16
   SRCPARAM L0006740       0.01125      3.40      7.44      3.16
   SRCPARAM L0006741       0.01125      3.40      7.44      3.16
   SRCPARAM L0006742       0.01125      3.40      7.44      3.16
   SRCPARAM L0006743       0.01125      3.40      7.44      3.16
   SRCPARAM L0006744       0.01125      3.40      7.44      3.16
   SRCPARAM L0006745       0.01125      3.40      7.44      3.16
   SRCPARAM L0006746       0.01125      3.40      7.44      3.16
   SRCPARAM L0006747       0.01125      3.40      7.44      3.16
   SRCPARAM L0006748       0.01125      3.40      7.44      3.16
   SRCPARAM L0006749       0.01125      3.40      7.44      3.16
** ------------------------------------------------------------------
   SRCPARAM STCK1             0.75     5.000   797.000     50.29       0.3

   SRCPARAM STCK2             0.25     5.000   797.000     50.29       0.3

** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0006774           0.5      3.15      4.05      2.93
   SRCPARAM L0006775           0.5      3.15      4.05      2.93
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0006636          0.02      3.15      4.05      2.93
   SRCPARAM L0006637          0.02      3.15      4.05      2.93
   SRCPARAM L0006638          0.02      3.15      4.05      2.93
   SRCPARAM L0006639          0.02      3.15      4.05      2.93
   SRCPARAM L0006640          0.02      3.15      4.05      2.93
   SRCPARAM L0006641          0.02      3.15      4.05      2.93
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   SRCPARAM L0006642          0.02      3.15      4.05      2.93
   SRCPARAM L0006643          0.02      3.15      4.05      2.93
   SRCPARAM L0006644          0.02      3.15      4.05      2.93
   SRCPARAM L0006645          0.02      3.15      4.05      2.93
   SRCPARAM L0006646          0.02      3.15      4.05      2.93
   SRCPARAM L0006647          0.02      3.15      4.05      2.93
   SRCPARAM L0006648          0.02      3.15      4.05      2.93
   SRCPARAM L0006649          0.02      3.15      4.05      2.93
   SRCPARAM L0006650          0.02      3.15      4.05      2.93
   SRCPARAM L0006651          0.02      3.15      4.05      2.93
   SRCPARAM L0006652          0.02      3.15      4.05      2.93
   SRCPARAM L0006653          0.02      3.15      4.05      2.93
   SRCPARAM L0006654          0.02      3.15      4.05      2.93
   SRCPARAM L0006655          0.02      3.15      4.05      2.93
   SRCPARAM L0006656          0.02      3.15      4.05      2.93
   SRCPARAM L0006657          0.02      3.15      4.05      2.93
   SRCPARAM L0006658          0.02      3.15      4.05      2.93
   SRCPARAM L0006659          0.02      3.15      4.05      2.93
   SRCPARAM L0006660          0.02      3.15      4.05      2.93
   SRCPARAM L0006661          0.02      3.15      4.05      2.93
   SRCPARAM L0006662          0.02      3.15      4.05      2.93
   SRCPARAM L0006663          0.02      3.15      4.05      2.93
   SRCPARAM L0006664          0.02      3.15      4.05      2.93
   SRCPARAM L0006665          0.02      3.15      4.05      2.93
   SRCPARAM L0006666          0.02      3.15      4.05      2.93
   SRCPARAM L0006667          0.02      3.15      4.05      2.93
   SRCPARAM L0006668          0.02      3.15      4.05      2.93
   SRCPARAM L0006669          0.02      3.15      4.05      2.93
   SRCPARAM L0006670          0.02      3.15      4.05      2.93
   SRCPARAM L0006671          0.02      3.15      4.05      2.93
   SRCPARAM L0006672          0.02      3.15      4.05      2.93
   SRCPARAM L0006673          0.02      3.15      4.05      2.93
   SRCPARAM L0006674          0.02      3.15      4.05      2.93
   SRCPARAM L0006675          0.02      3.15      4.05      2.93
   SRCPARAM L0006676          0.02      3.15      4.05      2.93
   SRCPARAM L0006677          0.02      3.15      4.05      2.93
   SRCPARAM L0006678          0.02      3.15      4.05      2.93
   SRCPARAM L0006679          0.02      3.15      4.05      2.93
   SRCPARAM L0006680          0.02      3.15      4.05      2.93
   SRCPARAM L0006681          0.02      3.15      4.05      2.93
   SRCPARAM L0006682          0.02      3.15      4.05      2.93
   SRCPARAM L0006683          0.02      3.15      4.05      2.93
   SRCPARAM L0006684          0.02      3.15      4.05      2.93
   SRCPARAM L0006685          0.02      3.15      4.05      2.93
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           12.00    12.00    12.00    12.00    12.00    12.00
   BUILDHGT STCK1           21.50    21.50    21.50    21.50    21.50    21.50
   BUILDHGT STCK1           21.50    21.50    21.50    21.50    12.00    12.00
```

BUILDHGT	STCK1	12.00	12.00	12.00	12.00	12.00	12.00
BUILDHGT	STCK1	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK1	21.50	21.50	21.50	21.50	12.00	12.00
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDWID	STCK1	65.04	72.50	77.75	80.64	81.08	79.06
BUILDWID	STCK1	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK1	91.82	87.89	81.28	72.20	61.12	55.61
BUILDWID	STCK1	65.04	72.50	77.75	80.64	81.08	79.06
BUILDWID	STCK1	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK1	91.82	87.89	81.28	72.20	61.12	55.61
BUILDWID	STCK2	58.05	69.00	77.86	84.34	88.27	89.51
BUILDWID	STCK2	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK2	91.82	87.89	81.28	72.20	60.92	47.80
BUILDWID	STCK2	58.05	69.00	77.86	84.34	88.27	89.51
BUILDWID	STCK2	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK2	91.82	87.89	81.28	72.20	60.92	47.80
BUILDLEN	STCK1	69.34	75.19	78.77	79.95	78.70	75.06
BUILDLEN	STCK1	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK1	84.34	88.27	89.51	88.03	67.94	61.37
BUILDLEN	STCK1	69.34	75.19	78.77	79.95	78.70	75.06
BUILDLEN	STCK1	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK1	84.34	88.27	89.51	88.03	67.94	61.37
BUILDLEN	STCK2	86.85	91.30	92.97	91.82	87.89	81.28
BUILDLEN	STCK2	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK2	84.34	88.27	89.51	88.03	83.88	80.31
BUILDLEN	STCK2	86.85	91.30	92.97	91.82	87.89	81.28
BUILDLEN	STCK2	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK2	84.34	88.27	89.51	88.03	83.88	80.31
XBADJ	STCK1	-68.30	-74.29	-78.02	-79.38	-78.33	-74.91
XBADJ	STCK1	-1.93	12.82	27.18	27.42	26.16	24.11
XBADJ	STCK1	21.33	17.90	13.92	9.52	-10.65	-1.14
XBADJ	STCK1	-1.04	-0.91	-0.75	-0.56	-0.37	-0.15
XBADJ	STCK1	-70.27	-73.75	-74.98	-85.47	-95.16	-101.97
XBADJ	STCK1	-105.67	-106.16	-103.43	-97.55	-57.29	-60.23
XBADJ	STCK2	-72.37	-77.48	-80.24	-80.56	-78.44	-73.93
XBADJ	STCK2	-67.17	-58.37	-47.80	-49.07	-49.51	-48.45
XBADJ	STCK2	-45.91	-41.98	-36.78	-30.45	-23.20	-15.25
XBADJ	STCK2	-14.48	-13.81	-12.73	-11.26	-9.45	-7.35

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   XBADJ    STCK2          -5.03    -2.55     0.00    -8.98   -19.49   -29.41
   XBADJ    STCK2         -38.43   -46.28   -52.73   -57.58   -60.68   -65.06

   YBADJ    STCK1          21.68    15.67     9.19     2.42    -4.42   -11.12
   YBADJ    STCK1         -53.54   -46.77   -40.15   -30.95   -20.52    -9.47
   YBADJ    STCK1           1.86    13.14    24.02    34.17   -30.83   -27.03
   YBADJ    STCK1         -21.68   -15.67    -9.19    -2.42     4.42    11.12
   YBADJ    STCK1          53.54    46.77    40.15    30.95    20.52     9.47
   YBADJ    STCK1          -1.86   -13.14   -24.02   -34.17    30.83    27.03

   YBADJ    STCK2          20.05    15.01     9.52     3.74    -2.15    -7.98
   YBADJ    STCK2         -13.56   -18.74   -24.91   -28.95   -31.84   -33.76
   YBADJ    STCK2         -34.65   -34.49   -33.29   -31.07   -27.91   -23.90
   YBADJ    STCK2         -20.05   -15.01    -9.52    -3.74     2.15     7.98
   YBADJ    STCK2          13.56    18.74    24.91    28.95    31.84    33.76
   YBADJ    STCK2          34.65    34.49    33.29    31.07    27.91    23.90

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006758     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006758     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006759     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006759     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006762     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006763     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006763     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006757     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006758     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006758     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006759     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006759     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006760     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006761     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006762     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006762     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006763     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006763     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006764     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006765     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006766     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006767     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006768     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006754     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006755     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006756     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006757     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006759     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006760     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006761     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006762     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006763     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006765     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006768     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0006687     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006687     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006688     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006689     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006690     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006694     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006694     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006695     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006707     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006719     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006728     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0006636     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006677     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006677     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006677     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006677     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006678     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006678     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006678     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006678     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006679     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006680     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006681     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006682     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006682     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006682     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006682     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006683     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006684     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006685     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0006636     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006636     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006636     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006636     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006637     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006637     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006638     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006638     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006639     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006639     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006639     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006639     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006640     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006640     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006640     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006640     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006641     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006641     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006641     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006641     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006642     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006642     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006642     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006642     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006643     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006643     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006643     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006643     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006644     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006644     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006644     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006644     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006645     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006645     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006645     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006645     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006646     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006646     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006646     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006646     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006647     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006647     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006647     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006647     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006648     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006648     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006648     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006648     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006649     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006649     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006649     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006649     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006650     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006650     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006650     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006650     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006651     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006651     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006651     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006651     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006652     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006652     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006652     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006652     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006653     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006653     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006653     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006653     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006654     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006654     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006654     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006654     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006655     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006655     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006655     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006655     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006656     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006656     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006656     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006656     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006657     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006657     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006657     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006657     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006658     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006658     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006658     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006658     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006659     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006659     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006659     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006659     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006660     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006660     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006660     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006660     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006661     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006661     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006661     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006661     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006662     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006662     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006662     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006662     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006663     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006663     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006663     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006663     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006664     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006664     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006664     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006664     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006665     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006665     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006665     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006665     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006666     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006666     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006666     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006666     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006667     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006667     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006667     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006667     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006668     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006668     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006668     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006668     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006669     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006669     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006669     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006669     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006670     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006670     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006670     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006670     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006671     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006671     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006671     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006671     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006672     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006672     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006672     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006672     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006673     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006673     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006673     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006673     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006674     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006674     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006674     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006674     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006675     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006675     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006675     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006675     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006676     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006676     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006676     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006676     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006677     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006677     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006677     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006677     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006678     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006678     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006678     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006678     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006679     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006680     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006681     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006682     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006682     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006682     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006682     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006683     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006684     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006685     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP OffSite  L0006686 L0006687 L0006688 L0006689 L0006690 L0006691
   SRCGROUP OffSite  L0006692 L0006693 L0006694 L0006695 L0006696 L0006697
   SRCGROUP OffSite  L0006698 L0006699 L0006700 L0006701 L0006702 L0006703
   SRCGROUP OffSite  L0006704 L0006705 L0006706 L0006707 L0006708 L0006709
   SRCGROUP OffSite  L0006710 L0006711 L0006712 L0006713 L0006714 L0006715
   SRCGROUP OffSite  L0006716 L0006717 L0006718 L0006719 L0006720 L0006721
   SRCGROUP OffSite  L0006722 L0006723 L0006724 L0006725 L0006726 L0006727
   SRCGROUP OffSite  L0006728 L0006729 L0006730 L0006731 L0006732 L0006733
   SRCGROUP OffSite  L0006734 L0006735 L0006736 L0006737 L0006738 L0006739
   SRCGROUP OffSite  L0006740 L0006741 L0006742 L0006743 L0006744 L0006745
   SRCGROUP OffSite  L0006746 L0006747 L0006748 L0006749 L0006750 L0006751
   SRCGROUP OffSite  L0006752 L0006753 L0006754 L0006755 L0006756 L0006757
   SRCGROUP OffSite  L0006758 L0006759 L0006760 L0006761 L0006762 L0006763
   SRCGROUP OffSite  L0006764 L0006765 L0006766 L0006767 L0006768 L0006769
   SRCGROUP Idle     L0006774 L0006775
   SRCGROUP OnsiteCi L0006636 L0006637 L0006638 L0006639 L0006640 L0006641
   SRCGROUP OnsiteCi L0006642 L0006643 L0006644 L0006645 L0006646 L0006647
   SRCGROUP OnsiteCi L0006648 L0006649 L0006650 L0006651 L0006652 L0006653
   SRCGROUP OnsiteCi L0006654 L0006655 L0006656 L0006657 L0006658 L0006659
   SRCGROUP OnsiteCi L0006660 L0006661 L0006662 L0006663 L0006664 L0006665
   SRCGROUP OnsiteCi L0006666 L0006667 L0006668 L0006669 L0006670 L0006671
   SRCGROUP OnsiteCi L0006672 L0006673 L0006674 L0006675 L0006676 L0006677
   SRCGROUP OnsiteCi L0006678 L0006679 L0006680 L0006681 L0006682 L0006683
   SRCGROUP OnsiteCi L0006684 L0006685
   SRCGROUP Gens     STCK1 STCK2
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Good Sam_Ops_1.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
```

```
**
**
ME STARTING
   SURFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.SFC"
   PROFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.PFL"
   SURFDATA 23293 2013 San_Jose_Int_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "GOOD SAM_OPS_1.AD\01H1GALL.PLT" 31
   PLOTFILE 1 OffSite 1ST "GOOD SAM_OPS_1.AD\01H1G001.PLT" 32
   PLOTFILE 1 Idle 1ST "GOOD SAM_OPS_1.AD\01H1G002.PLT" 33
   PLOTFILE 1 OnsiteCi 1ST "GOOD SAM_OPS_1.AD\01H1G003.PLT" 34
   PLOTFILE 1 Gens 1ST "GOOD SAM_OPS_1.AD\01H1G004.PLT" 35
   PLOTFILE PERIOD ALL "GOOD SAM_OPS_1.AD\PE00GALL.PLT" 36
   PLOTFILE PERIOD OffSite "GOOD SAM_OPS_1.AD\PE00G001.PLT" 37
   PLOTFILE PERIOD Idle "GOOD SAM_OPS_1.AD\PE00G002.PLT" 38
   PLOTFILE PERIOD OnsiteCi "GOOD SAM_OPS_1.AD\PE00G003.PLT" 39
   PLOTFILE PERIOD Gens "GOOD SAM_OPS_1.AD\PE00G004.PLT" 40
   SUMMFILE "Good Sam_Ops_1.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 10/16/2023
** File: C:\Lakes\AERMOD View\Good Sam_Ops_1\Good Sam_Ops_1.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Good Sam_Ops_1\Good Sam_Ops_1.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "Good Sam_Ops_1.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Off Site Los Gatos
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.28
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 592795.302, 4123314.624, 90.94, 3.40, 7.44
** 592961.400, 4123582.440, 82.54, 3.40, 7.44
** ------------------------------------------------------------------------
   LOCATION L0006750     VOLUME   592799.519 4123321.422 91.05
```

```
   LOCATION L0006751     VOLUME   592807.952 4123335.020 90.94
   LOCATION L0006752     VOLUME   592816.385 4123348.617 90.75
   LOCATION L0006753     VOLUME   592824.818 4123362.214 90.63
   LOCATION L0006754     VOLUME   592833.251 4123375.811 90.65
   LOCATION L0006755     VOLUME   592841.683 4123389.409 90.44
   LOCATION L0006756     VOLUME   592850.116 4123403.006 90.33
   LOCATION L0006757     VOLUME   592858.549 4123416.603 90.33
   LOCATION L0006758     VOLUME   592866.982 4123430.200 90.15
   LOCATION L0006759     VOLUME   592875.415 4123443.798 90.08
   LOCATION L0006760     VOLUME   592883.848 4123457.395 89.96
   LOCATION L0006761     VOLUME   592892.281 4123470.992 89.77
   LOCATION L0006762     VOLUME   592900.714 4123484.590 89.61
   LOCATION L0006763     VOLUME   592909.147 4123498.187 89.48
   LOCATION L0006764     VOLUME   592917.580 4123511.784 89.31
   LOCATION L0006765     VOLUME   592926.013 4123525.381 89.04
   LOCATION L0006766     VOLUME   592934.446 4123538.979 88.34
   LOCATION L0006767     VOLUME   592942.879 4123552.576 85.67
   LOCATION L0006768     VOLUME   592951.311 4123566.173 82.76
   LOCATION L0006769     VOLUME   592959.744 4123579.770 80.76
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Off Site Samaritan
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.72
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 11
** 592913.760, 4123461.408, 89.82, 3.40, 7.44
** 592960.112, 4123449.819, 89.33, 3.40, 7.44
** 593007.753, 4123467.845, 89.18, 3.40, 7.44
** 593061.831, 4123456.257, 88.71, 3.40, 7.44
** 593086.295, 4123399.604, 88.74, 3.40, 7.44
** 593124.923, 4123283.722, 88.84, 3.40, 7.44
** 593157.112, 4123248.957, 88.95, 3.40, 7.44
** 593611.627, 4123252.820, 85.21, 3.40, 7.44
** 593656.693, 4123310.761, 84.34, 3.40, 7.44
** 593699.183, 4123358.401, 83.61, 3.40, 7.44
** 593701.758, 4123398.316, 83.92, 3.40, 7.44
** ----------------------------------------------------------------
   LOCATION L0006686     VOLUME   592921.521 4123459.467 89.68
   LOCATION L0006687     VOLUME   592937.043 4123455.587 89.52
   LOCATION L0006688     VOLUME   592952.565 4123451.706 89.40
   LOCATION L0006689     VOLUME   592967.801 4123452.729 89.32
   LOCATION L0006690     VOLUME   592982.766 4123458.391 89.29
   LOCATION L0006691     VOLUME   592997.730 4123464.053 89.20
   LOCATION L0006692     VOLUME   593012.919 4123466.738 89.10
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LOCATION L0006693 VOLUME 593028.564 4123463.386 88.99
LOCATION L0006694 VOLUME 593044.209 4123460.033 88.83
LOCATION L0006695 VOLUME 593059.854 4123456.681 88.70
LOCATION L0006696 VOLUME 593067.373 4123443.425 88.67
LOCATION L0006697 VOLUME 593073.716 4123428.736 88.66
LOCATION L0006698 VOLUME 593080.058 4123414.047 88.56
LOCATION L0006699 VOLUME 593086.380 4123399.349 88.67
LOCATION L0006700 VOLUME 593091.440 4123384.171 88.65
LOCATION L0006701 VOLUME 593096.499 4123368.992 88.67
LOCATION L0006702 VOLUME 593101.559 4123353.813 88.68
LOCATION L0006703 VOLUME 593106.619 4123338.634 88.69
LOCATION L0006704 VOLUME 593111.678 4123323.455 88.72
LOCATION L0006705 VOLUME 593116.738 4123308.276 88.81
LOCATION L0006706 VOLUME 593121.797 4123293.097 88.89
LOCATION L0006707 VOLUME 593129.079 4123279.233 88.90
LOCATION L0006708 VOLUME 593139.949 4123267.493 88.89
LOCATION L0006709 VOLUME 593150.820 4123255.752 88.95
LOCATION L0006710 VOLUME 593163.851 4123249.014 88.95
LOCATION L0006711 VOLUME 593179.850 4123249.150 88.85
LOCATION L0006712 VOLUME 593195.850 4123249.286 88.76
LOCATION L0006713 VOLUME 593211.849 4123249.422 88.66
LOCATION L0006714 VOLUME 593227.848 4123249.558 88.55
LOCATION L0006715 VOLUME 593243.848 4123249.694 88.47
LOCATION L0006716 VOLUME 593259.847 4123249.830 88.34
LOCATION L0006717 VOLUME 593275.847 4123249.966 88.16
LOCATION L0006718 VOLUME 593291.846 4123250.102 87.98
LOCATION L0006719 VOLUME 593307.846 4123250.238 87.81
LOCATION L0006720 VOLUME 593323.845 4123250.374 87.67
LOCATION L0006721 VOLUME 593339.844 4123250.510 87.52
LOCATION L0006722 VOLUME 593355.844 4123250.646 87.36
LOCATION L0006723 VOLUME 593371.843 4123250.782 87.19
LOCATION L0006724 VOLUME 593387.843 4123250.918 86.90
LOCATION L0006725 VOLUME 593403.842 4123251.054 86.53
LOCATION L0006726 VOLUME 593419.841 4123251.190 85.99
LOCATION L0006727 VOLUME 593435.841 4123251.326 85.97
LOCATION L0006728 VOLUME 593451.840 4123251.462 86.29
LOCATION L0006729 VOLUME 593467.840 4123251.598 86.51
LOCATION L0006730 VOLUME 593483.839 4123251.734 86.54
LOCATION L0006731 VOLUME 593499.839 4123251.870 86.41
LOCATION L0006732 VOLUME 593515.838 4123252.006 86.15
LOCATION L0006733 VOLUME 593531.837 4123252.142 85.93
LOCATION L0006734 VOLUME 593547.837 4123252.278 85.76
LOCATION L0006735 VOLUME 593563.836 4123252.414 85.64
LOCATION L0006736 VOLUME 593579.836 4123252.550 85.52
LOCATION L0006737 VOLUME 593595.835 4123252.686 85.38
LOCATION L0006738 VOLUME 593611.755 4123252.983 85.17
LOCATION L0006739 VOLUME 593621.578 4123265.613 84.93
LOCATION L0006740 VOLUME 593631.401 4123278.243 84.76
LOCATION L0006741 VOLUME 593641.224 4123290.872 84.56
LOCATION L0006742 VOLUME 593651.047 4123303.502 84.34

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   LOCATION L0006743     VOLUME   593661.221 4123315.839 84.12
   LOCATION L0006744     VOLUME   593671.871 4123327.779 83.88
   LOCATION L0006745     VOLUME   593682.521 4123339.720 83.82
   LOCATION L0006746     VOLUME   593693.171 4123351.661 83.67
   LOCATION L0006747     VOLUME   593699.631 4123365.355 83.68
   LOCATION L0006748     VOLUME   593700.661 4123381.322 83.91
   LOCATION L0006749     VOLUME   593701.691 4123397.289 83.87
** End of LINE VOLUME Source ID = SLINE3
   LOCATION STCK1        POINT      593594.800  4123422.250       85.310
** DESCRSRC Gen 1
   LOCATION STCK2        POINT      593669.780  4123407.000       84.210
** DESCRSRC Gen 2
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Idling
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 2
** 593384.245, 4123466.687, 85.93, 3.15, 4.05
** 593384.583, 4123446.031, 87.05, 3.15, 4.05
** ------------------------------------------------------------------
   LOCATION L0006774     VOLUME   593384.316 4123462.338 86.51
   LOCATION L0006775     VOLUME   593384.459 4123453.639 86.89
** End of LINE VOLUME Source ID = SLINE4
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Onsite Circ
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 4
** 593364.857, 4123265.278, 87.15, 3.15, 4.05
** 593358.085, 4123454.116, 86.97, 3.15, 4.05
** 593298.326, 4123452.921, 87.27, 3.15, 4.05
** 593302.708, 4123266.872, 87.83, 3.15, 4.05
** ------------------------------------------------------------------
   LOCATION L0006636     VOLUME   593364.701 4123269.626 87.16
   LOCATION L0006637     VOLUME   593364.390 4123278.320 87.09
   LOCATION L0006638     VOLUME   593364.078 4123287.014 87.03
   LOCATION L0006639     VOLUME   593363.766 4123295.709 86.96
   LOCATION L0006640     VOLUME   593363.454 4123304.403 86.79
```

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   LOCATION L0006641     VOLUME   593363.142 4123313.098 86.62
   LOCATION L0006642     VOLUME   593362.830 4123321.792 86.45
   LOCATION L0006643     VOLUME   593362.519 4123330.486 86.35
   LOCATION L0006644     VOLUME   593362.207 4123339.181 86.29
   LOCATION L0006645     VOLUME   593361.895 4123347.875 86.24
   LOCATION L0006646     VOLUME   593361.583 4123356.570 86.19
   LOCATION L0006647     VOLUME   593361.271 4123365.264 86.35
   LOCATION L0006648     VOLUME   593360.959 4123373.959 86.51
   LOCATION L0006649     VOLUME   593360.648 4123382.653 86.66
   LOCATION L0006650     VOLUME   593360.336 4123391.347 86.76
   LOCATION L0006651     VOLUME   593360.024 4123400.042 86.80
   LOCATION L0006652     VOLUME   593359.712 4123408.736 86.84
   LOCATION L0006653     VOLUME   593359.400 4123417.431 86.87
   LOCATION L0006654     VOLUME   593359.089 4123426.125 86.90
   LOCATION L0006655     VOLUME   593358.777 4123434.819 86.93
   LOCATION L0006656     VOLUME   593358.465 4123443.514 86.96
   LOCATION L0006657     VOLUME   593358.153 4123452.208 86.91
   LOCATION L0006658     VOLUME   593351.295 4123453.980 86.87
   LOCATION L0006659     VOLUME   593342.597 4123453.806 86.94
   LOCATION L0006660     VOLUME   593333.898 4123453.632 87.01
   LOCATION L0006661     VOLUME   593325.200 4123453.458 87.08
   LOCATION L0006662     VOLUME   593316.502 4123453.284 87.15
   LOCATION L0006663     VOLUME   593307.804 4123453.110 87.22
   LOCATION L0006664     VOLUME   593299.105 4123452.936 87.29
   LOCATION L0006665     VOLUME   593298.512 4123445.003 87.27
   LOCATION L0006666     VOLUME   593298.717 4123436.305 87.22
   LOCATION L0006667     VOLUME   593298.922 4123427.608 87.17
   LOCATION L0006668     VOLUME   593299.127 4123418.910 87.12
   LOCATION L0006669     VOLUME   593299.332 4123410.212 87.12
   LOCATION L0006670     VOLUME   593299.537 4123401.515 87.13
   LOCATION L0006671     VOLUME   593299.742 4123392.817 87.14
   LOCATION L0006672     VOLUME   593299.946 4123384.120 87.16
   LOCATION L0006673     VOLUME   593300.151 4123375.422 87.20
   LOCATION L0006674     VOLUME   593300.356 4123366.724 87.25
   LOCATION L0006675     VOLUME   593300.561 4123358.027 87.30
   LOCATION L0006676     VOLUME   593300.766 4123349.329 87.34
   LOCATION L0006677     VOLUME   593300.971 4123340.632 87.39
   LOCATION L0006678     VOLUME   593301.176 4123331.934 87.43
   LOCATION L0006679     VOLUME   593301.381 4123323.237 87.48
   LOCATION L0006680     VOLUME   593301.585 4123314.539 87.55
   LOCATION L0006681     VOLUME   593301.790 4123305.841 87.62
   LOCATION L0006682     VOLUME   593301.995 4123297.144 87.69
   LOCATION L0006683     VOLUME   593302.200 4123288.446 87.73
   LOCATION L0006684     VOLUME   593302.405 4123279.749 87.76
   LOCATION L0006685     VOLUME   593302.610 4123271.051 87.80
** End of LINE VOLUME Source ID = SLINE5
** Source Parameters **
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0006750         0.014      3.40      7.44      3.16
   SRCPARAM L0006751         0.014      3.40      7.44      3.16
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   SRCPARAM L0006752         0.014      3.40      7.44      3.16
   SRCPARAM L0006753         0.014      3.40      7.44      3.16
   SRCPARAM L0006754         0.014      3.40      7.44      3.16
   SRCPARAM L0006755         0.014      3.40      7.44      3.16
   SRCPARAM L0006756         0.014      3.40      7.44      3.16
   SRCPARAM L0006757         0.014      3.40      7.44      3.16
   SRCPARAM L0006758         0.014      3.40      7.44      3.16
   SRCPARAM L0006759         0.014      3.40      7.44      3.16
   SRCPARAM L0006760         0.014      3.40      7.44      3.16
   SRCPARAM L0006761         0.014      3.40      7.44      3.16
   SRCPARAM L0006762         0.014      3.40      7.44      3.16
   SRCPARAM L0006763         0.014      3.40      7.44      3.16
   SRCPARAM L0006764         0.014      3.40      7.44      3.16
   SRCPARAM L0006765         0.014      3.40      7.44      3.16
   SRCPARAM L0006766         0.014      3.40      7.44      3.16
   SRCPARAM L0006767         0.014      3.40      7.44      3.16
   SRCPARAM L0006768         0.014      3.40      7.44      3.16
   SRCPARAM L0006769         0.014      3.40      7.44      3.16
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0006686       0.01125      3.40      7.44      3.16
   SRCPARAM L0006687       0.01125      3.40      7.44      3.16
   SRCPARAM L0006688       0.01125      3.40      7.44      3.16
   SRCPARAM L0006689       0.01125      3.40      7.44      3.16
   SRCPARAM L0006690       0.01125      3.40      7.44      3.16
   SRCPARAM L0006691       0.01125      3.40      7.44      3.16
   SRCPARAM L0006692       0.01125      3.40      7.44      3.16
   SRCPARAM L0006693       0.01125      3.40      7.44      3.16
   SRCPARAM L0006694       0.01125      3.40      7.44      3.16
   SRCPARAM L0006695       0.01125      3.40      7.44      3.16
   SRCPARAM L0006696       0.01125      3.40      7.44      3.16
   SRCPARAM L0006697       0.01125      3.40      7.44      3.16
   SRCPARAM L0006698       0.01125      3.40      7.44      3.16
   SRCPARAM L0006699       0.01125      3.40      7.44      3.16
   SRCPARAM L0006700       0.01125      3.40      7.44      3.16
   SRCPARAM L0006701       0.01125      3.40      7.44      3.16
   SRCPARAM L0006702       0.01125      3.40      7.44      3.16
   SRCPARAM L0006703       0.01125      3.40      7.44      3.16
   SRCPARAM L0006704       0.01125      3.40      7.44      3.16
   SRCPARAM L0006705       0.01125      3.40      7.44      3.16
   SRCPARAM L0006706       0.01125      3.40      7.44      3.16
   SRCPARAM L0006707       0.01125      3.40      7.44      3.16
   SRCPARAM L0006708       0.01125      3.40      7.44      3.16
   SRCPARAM L0006709       0.01125      3.40      7.44      3.16
   SRCPARAM L0006710       0.01125      3.40      7.44      3.16
   SRCPARAM L0006711       0.01125      3.40      7.44      3.16
   SRCPARAM L0006712       0.01125      3.40      7.44      3.16
   SRCPARAM L0006713       0.01125      3.40      7.44      3.16
   SRCPARAM L0006714       0.01125      3.40      7.44      3.16
   SRCPARAM L0006715       0.01125      3.40      7.44      3.16
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   SRCPARAM L0006716       0.01125      3.40      7.44      3.16
   SRCPARAM L0006717       0.01125      3.40      7.44      3.16
   SRCPARAM L0006718       0.01125      3.40      7.44      3.16
   SRCPARAM L0006719       0.01125      3.40      7.44      3.16
   SRCPARAM L0006720       0.01125      3.40      7.44      3.16
   SRCPARAM L0006721       0.01125      3.40      7.44      3.16
   SRCPARAM L0006722       0.01125      3.40      7.44      3.16
   SRCPARAM L0006723       0.01125      3.40      7.44      3.16
   SRCPARAM L0006724       0.01125      3.40      7.44      3.16
   SRCPARAM L0006725       0.01125      3.40      7.44      3.16
   SRCPARAM L0006726       0.01125      3.40      7.44      3.16
   SRCPARAM L0006727       0.01125      3.40      7.44      3.16
   SRCPARAM L0006728       0.01125      3.40      7.44      3.16
   SRCPARAM L0006729       0.01125      3.40      7.44      3.16
   SRCPARAM L0006730       0.01125      3.40      7.44      3.16
   SRCPARAM L0006731       0.01125      3.40      7.44      3.16
   SRCPARAM L0006732       0.01125      3.40      7.44      3.16
   SRCPARAM L0006733       0.01125      3.40      7.44      3.16
   SRCPARAM L0006734       0.01125      3.40      7.44      3.16
   SRCPARAM L0006735       0.01125      3.40      7.44      3.16
   SRCPARAM L0006736       0.01125      3.40      7.44      3.16
   SRCPARAM L0006737       0.01125      3.40      7.44      3.16
   SRCPARAM L0006738       0.01125      3.40      7.44      3.16
   SRCPARAM L0006739       0.01125      3.40      7.44      3.16
   SRCPARAM L0006740       0.01125      3.40      7.44      3.16
   SRCPARAM L0006741       0.01125      3.40      7.44      3.16
   SRCPARAM L0006742       0.01125      3.40      7.44      3.16
   SRCPARAM L0006743       0.01125      3.40      7.44      3.16
   SRCPARAM L0006744       0.01125      3.40      7.44      3.16
   SRCPARAM L0006745       0.01125      3.40      7.44      3.16
   SRCPARAM L0006746       0.01125      3.40      7.44      3.16
   SRCPARAM L0006747       0.01125      3.40      7.44      3.16
   SRCPARAM L0006748       0.01125      3.40      7.44      3.16
   SRCPARAM L0006749       0.01125      3.40      7.44      3.16
** ------------------------------------------------------------------
   SRCPARAM STCK1             0.75     5.000   797.000     50.29       0.3
   SRCPARAM STCK2             0.25     5.000   797.000     50.29       0.3
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0006774           0.5      3.15      4.05      2.93
   SRCPARAM L0006775           0.5      3.15      4.05      2.93
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0006636          0.02      3.15      4.05      2.93
   SRCPARAM L0006637          0.02      3.15      4.05      2.93
   SRCPARAM L0006638          0.02      3.15      4.05      2.93
   SRCPARAM L0006639          0.02      3.15      4.05      2.93
   SRCPARAM L0006640          0.02      3.15      4.05      2.93
   SRCPARAM L0006641          0.02      3.15      4.05      2.93
   SRCPARAM L0006642          0.02      3.15      4.05      2.93
   SRCPARAM L0006643          0.02      3.15      4.05      2.93
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   SRCPARAM L0006644          0.02      3.15      4.05      2.93
   SRCPARAM L0006645          0.02      3.15      4.05      2.93
   SRCPARAM L0006646          0.02      3.15      4.05      2.93
   SRCPARAM L0006647          0.02      3.15      4.05      2.93
   SRCPARAM L0006648          0.02      3.15      4.05      2.93
   SRCPARAM L0006649          0.02      3.15      4.05      2.93
   SRCPARAM L0006650          0.02      3.15      4.05      2.93
   SRCPARAM L0006651          0.02      3.15      4.05      2.93
   SRCPARAM L0006652          0.02      3.15      4.05      2.93
   SRCPARAM L0006653          0.02      3.15      4.05      2.93
   SRCPARAM L0006654          0.02      3.15      4.05      2.93
   SRCPARAM L0006655          0.02      3.15      4.05      2.93
   SRCPARAM L0006656          0.02      3.15      4.05      2.93
   SRCPARAM L0006657          0.02      3.15      4.05      2.93
   SRCPARAM L0006658          0.02      3.15      4.05      2.93
   SRCPARAM L0006659          0.02      3.15      4.05      2.93
   SRCPARAM L0006660          0.02      3.15      4.05      2.93
   SRCPARAM L0006661          0.02      3.15      4.05      2.93
   SRCPARAM L0006662          0.02      3.15      4.05      2.93
   SRCPARAM L0006663          0.02      3.15      4.05      2.93
   SRCPARAM L0006664          0.02      3.15      4.05      2.93
   SRCPARAM L0006665          0.02      3.15      4.05      2.93
   SRCPARAM L0006666          0.02      3.15      4.05      2.93
   SRCPARAM L0006667          0.02      3.15      4.05      2.93
   SRCPARAM L0006668          0.02      3.15      4.05      2.93
   SRCPARAM L0006669          0.02      3.15      4.05      2.93
   SRCPARAM L0006670          0.02      3.15      4.05      2.93
   SRCPARAM L0006671          0.02      3.15      4.05      2.93
   SRCPARAM L0006672          0.02      3.15      4.05      2.93
   SRCPARAM L0006673          0.02      3.15      4.05      2.93
   SRCPARAM L0006674          0.02      3.15      4.05      2.93
   SRCPARAM L0006675          0.02      3.15      4.05      2.93
   SRCPARAM L0006676          0.02      3.15      4.05      2.93
   SRCPARAM L0006677          0.02      3.15      4.05      2.93
   SRCPARAM L0006678          0.02      3.15      4.05      2.93
   SRCPARAM L0006679          0.02      3.15      4.05      2.93
   SRCPARAM L0006680          0.02      3.15      4.05      2.93
   SRCPARAM L0006681          0.02      3.15      4.05      2.93
   SRCPARAM L0006682          0.02      3.15      4.05      2.93
   SRCPARAM L0006683          0.02      3.15      4.05      2.93
   SRCPARAM L0006684          0.02      3.15      4.05      2.93
   SRCPARAM L0006685          0.02      3.15      4.05      2.93
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           12.00    12.00    12.00    12.00    12.00    12.00
   BUILDHGT STCK1           21.50    21.50    21.50    21.50    21.50    21.50
   BUILDHGT STCK1           21.50    21.50    21.50    21.50    12.00    12.00
   BUILDHGT STCK1           12.00    12.00    12.00    12.00    12.00    12.00
   BUILDHGT STCK1           21.50    21.50    21.50    21.50    21.50    21.50
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BUILDHGT	STCK1	21.50	21.50	21.50	21.50	12.00	12.00
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDHGT	STCK2	21.50	21.50	21.50	21.50	21.50	21.50
BUILDWID	STCK1	65.04	72.50	77.75	80.64	81.08	79.06
BUILDWID	STCK1	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK1	91.82	87.89	81.28	72.20	61.12	55.61
BUILDWID	STCK1	65.04	72.50	77.75	80.64	81.08	79.06
BUILDWID	STCK1	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK1	91.82	87.89	81.28	72.20	61.12	55.61
BUILDWID	STCK2	58.05	69.00	77.86	84.34	88.27	89.51
BUILDWID	STCK2	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK2	91.82	87.89	81.28	72.20	60.92	47.80
BUILDWID	STCK2	58.05	69.00	77.86	84.34	88.27	89.51
BUILDWID	STCK2	88.03	83.88	80.31	86.85	91.30	92.97
BUILDWID	STCK2	91.82	87.89	81.28	72.20	60.92	47.80
BUILDLEN	STCK1	69.34	75.19	78.77	79.95	78.70	75.06
BUILDLEN	STCK1	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK1	84.34	88.27	89.51	88.03	67.94	61.37
BUILDLEN	STCK1	69.34	75.19	78.77	79.95	78.70	75.06
BUILDLEN	STCK1	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK1	84.34	88.27	89.51	88.03	67.94	61.37
BUILDLEN	STCK2	86.85	91.30	92.97	91.82	87.89	81.28
BUILDLEN	STCK2	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK2	84.34	88.27	89.51	88.03	83.88	80.31
BUILDLEN	STCK2	86.85	91.30	92.97	91.82	87.89	81.28
BUILDLEN	STCK2	72.20	60.92	47.80	58.05	69.00	77.86
BUILDLEN	STCK2	84.34	88.27	89.51	88.03	83.88	80.31
XBADJ	STCK1	-68.30	-74.29	-78.02	-79.38	-78.33	-74.91
XBADJ	STCK1	-1.93	12.82	27.18	27.42	26.16	24.11
XBADJ	STCK1	21.33	17.90	13.92	9.52	-10.65	-1.14
XBADJ	STCK1	-1.04	-0.91	-0.75	-0.56	-0.37	-0.15
XBADJ	STCK1	-70.27	-73.75	-74.98	-85.47	-95.16	-101.97
XBADJ	STCK1	-105.67	-106.16	-103.43	-97.55	-57.29	-60.23
XBADJ	STCK2	-72.37	-77.48	-80.24	-80.56	-78.44	-73.93
XBADJ	STCK2	-67.17	-58.37	-47.80	-49.07	-49.51	-48.45
XBADJ	STCK2	-45.91	-41.98	-36.78	-30.45	-23.20	-15.25
XBADJ	STCK2	-14.48	-13.81	-12.73	-11.26	-9.45	-7.35
XBADJ	STCK2	-5.03	-2.55	0.00	-8.98	-19.49	-29.41
XBADJ	STCK2	-38.43	-46.28	-52.73	-57.58	-60.68	-65.06

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   YBADJ    STCK1          21.68    15.67     9.19     2.42    -4.42   -11.12
   YBADJ    STCK1         -53.54   -46.77   -40.15   -30.95   -20.52    -9.47
   YBADJ    STCK1           1.86    13.14    24.02    34.17   -30.83   -27.03
   YBADJ    STCK1         -21.68   -15.67    -9.19    -2.42     4.42    11.12
   YBADJ    STCK1          53.54    46.77    40.15    30.95    20.52     9.47
   YBADJ    STCK1          -1.86   -13.14   -24.02   -34.17    30.83    27.03

   YBADJ    STCK2          20.05    15.01     9.52     3.74    -2.15    -7.98
   YBADJ    STCK2         -13.56   -18.74   -24.91   -28.95   -31.84   -33.76
   YBADJ    STCK2         -34.65   -34.49   -33.29   -31.07   -27.91   -23.90
   YBADJ    STCK2         -20.05   -15.01    -9.52    -3.74     2.15     7.98
   YBADJ    STCK2          13.56    18.74    24.91    28.95    31.84    33.76
   YBADJ    STCK2          34.65    34.49    33.29    31.07    27.91    23.90

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006758     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006758     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006759     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006759     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006762     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006762     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006763     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006763     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006755     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006756     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006757     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006758     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006760     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006761     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006762     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006762     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006763     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006763     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006763     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006764     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006764     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006764     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006765     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006765     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006765     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006766     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006766     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006767     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006768     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006769     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0006750     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006751     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006752     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006753     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006754     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006755     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006755     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006757     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006758     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006759     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006760     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006760     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006761     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006761     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006766     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006766     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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EMISFACT L0006707     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006709     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006710     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006710     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006711     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006711     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006716     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0006729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0006741     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006775     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006774     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006775     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0006636     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006636     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006636     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006637     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006637     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006638     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006639     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006639     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006639     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006639     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006640     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006640     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006640     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006641     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0006645     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0006679     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006679     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006680     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006680     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006681     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0006681     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006682     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0006682     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0006682     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0006682     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006683     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006683     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006684     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006684     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0006685     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0006685     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP OffSite  L0006686 L0006687 L0006688 L0006689 L0006690 L0006691
   SRCGROUP OffSite  L0006692 L0006693 L0006694 L0006695 L0006696 L0006697
   SRCGROUP OffSite  L0006698 L0006699 L0006700 L0006701 L0006702 L0006703
   SRCGROUP OffSite  L0006704 L0006705 L0006706 L0006707 L0006708 L0006709
   SRCGROUP OffSite  L0006710 L0006711 L0006712 L0006713 L0006714 L0006715
   SRCGROUP OffSite  L0006716 L0006717 L0006718 L0006719 L0006720 L0006721
   SRCGROUP OffSite  L0006722 L0006723 L0006724 L0006725 L0006726 L0006727
   SRCGROUP OffSite  L0006728 L0006729 L0006730 L0006731 L0006732 L0006733
   SRCGROUP OffSite  L0006734 L0006735 L0006736 L0006737 L0006738 L0006739
   SRCGROUP OffSite  L0006740 L0006741 L0006742 L0006743 L0006744 L0006745
   SRCGROUP OffSite  L0006746 L0006747 L0006748 L0006749 L0006750 L0006751
   SRCGROUP OffSite  L0006752 L0006753 L0006754 L0006755 L0006756 L0006757
   SRCGROUP OffSite  L0006758 L0006759 L0006760 L0006761 L0006762 L0006763
   SRCGROUP OffSite  L0006764 L0006765 L0006766 L0006767 L0006768 L0006769
   SRCGROUP Idle     L0006774 L0006775
   SRCGROUP OnsiteCi L0006636 L0006637 L0006638 L0006639 L0006640 L0006641
   SRCGROUP OnsiteCi L0006642 L0006643 L0006644 L0006645 L0006646 L0006647
   SRCGROUP OnsiteCi L0006648 L0006649 L0006650 L0006651 L0006652 L0006653
   SRCGROUP OnsiteCi L0006654 L0006655 L0006656 L0006657 L0006658 L0006659
   SRCGROUP OnsiteCi L0006660 L0006661 L0006662 L0006663 L0006664 L0006665
   SRCGROUP OnsiteCi L0006666 L0006667 L0006668 L0006669 L0006670 L0006671
   SRCGROUP OnsiteCi L0006672 L0006673 L0006674 L0006675 L0006676 L0006677
   SRCGROUP OnsiteCi L0006678 L0006679 L0006680 L0006681 L0006682 L0006683
   SRCGROUP OnsiteCi L0006684 L0006685
   SRCGROUP Gens     STCK1 STCK2
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Good Sam_Ops_1.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
```

```
ME STARTING
   SURFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.SFC"
   PROFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.PFL"
   SURFDATA 23293 2013 San_Jose_Int_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "GOOD SAM_OPS_1.AD\01H1GALL.PLT" 31
   PLOTFILE 1 OffSite 1ST "GOOD SAM_OPS_1.AD\01H1G001.PLT" 32
   PLOTFILE 1 Idle 1ST "GOOD SAM_OPS_1.AD\01H1G002.PLT" 33
   PLOTFILE 1 OnsiteCi 1ST "GOOD SAM_OPS_1.AD\01H1G003.PLT" 34
   PLOTFILE 1 Gens 1ST "GOOD SAM_OPS_1.AD\01H1G004.PLT" 35
   PLOTFILE PERIOD ALL "GOOD SAM_OPS_1.AD\PE00GALL.PLT" 36
   PLOTFILE PERIOD OffSite "GOOD SAM_OPS_1.AD\PE00G001.PLT" 37
   PLOTFILE PERIOD Idle "GOOD SAM_OPS_1.AD\PE00G002.PLT" 38
   PLOTFILE PERIOD OnsiteCi "GOOD SAM_OPS_1.AD\PE00G003.PLT" 39
   PLOTFILE PERIOD Gens "GOOD SAM_OPS_1.AD\PE00G004.PLT" 40
   SUMMFILE "Good Sam_Ops_1.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320     336        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186    2207       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
```

```
      0.50
 ME W187    2207       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   138 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    983489.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    138 Source(s);       5 Source Group(s); and     945
Receptor(s)

                with:      2 POINT(s), including
```

```
                    0 POINTCAP(s) and      0 POINTHOR(s)
               and:    136 VOLUME source(s)
               and:      0 AREA type source(s)
               and:      0 LINE source(s)
               and:      0 RLINE/RLINEXT source(s)
               and:      0 OPENPIT source(s)
               and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
               and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    15.50 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Good Sam_Ops_1.err

 **File for Summary of Results:   Good Sam_Ops_1.sum

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.75000E+00	593594.8	4123422.2	85.3	5.00	797.00	50.29	0.30	YES	YES	NO	HRDOW7
STCK2	0	0.25000E+00	593669.8	4123407.0	84.2	5.00	797.00	50.29	0.30	YES	YES	NO	HRDOW7

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006750	0	0.14000E-01	592799.5	4123321.4	91.0	3.40	7.44	3.16	YES	HRDOW
L0006751	0	0.14000E-01	592808.0	4123335.0	90.9	3.40	7.44	3.16	YES	HRDOW
L0006752	0	0.14000E-01	592816.4	4123348.6	90.8	3.40	7.44	3.16	YES	HRDOW
L0006753	0	0.14000E-01	592824.8	4123362.2	90.6	3.40	7.44	3.16	YES	HRDOW
L0006754	0	0.14000E-01	592833.3	4123375.8	90.6	3.40	7.44	3.16	YES	HRDOW

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 L0006755         0   0.14000E-01  592841.7 4123389.4    90.4     3.40     7.44
3.16     YES   HRDOW
 L0006756         0   0.14000E-01  592850.1 4123403.0    90.3     3.40     7.44
3.16     YES   HRDOW
 L0006757         0   0.14000E-01  592858.5 4123416.6    90.3     3.40     7.44
3.16     YES   HRDOW
 L0006758         0   0.14000E-01  592867.0 4123430.2    90.1     3.40     7.44
3.16     YES   HRDOW
 L0006759         0   0.14000E-01  592875.4 4123443.8    90.1     3.40     7.44
3.16     YES   HRDOW
 L0006760         0   0.14000E-01  592883.8 4123457.4    90.0     3.40     7.44
3.16     YES   HRDOW
 L0006761         0   0.14000E-01  592892.3 4123471.0    89.8     3.40     7.44
3.16     YES   HRDOW
 L0006762         0   0.14000E-01  592900.7 4123484.6    89.6     3.40     7.44
3.16     YES   HRDOW
 L0006763         0   0.14000E-01  592909.1 4123498.2    89.5     3.40     7.44
3.16     YES   HRDOW
 L0006764         0   0.14000E-01  592917.6 4123511.8    89.3     3.40     7.44
3.16     YES   HRDOW
 L0006765         0   0.14000E-01  592926.0 4123525.4    89.0     3.40     7.44
3.16     YES   HRDOW
 L0006766         0   0.14000E-01  592934.4 4123539.0    88.3     3.40     7.44
3.16     YES   HRDOW
 L0006767         0   0.14000E-01  592942.9 4123552.6    85.7     3.40     7.44
3.16     YES   HRDOW
 L0006768         0   0.14000E-01  592951.3 4123566.2    82.8     3.40     7.44
3.16     YES   HRDOW
 L0006769         0   0.14000E-01  592959.7 4123579.8    80.8     3.40     7.44
3.16     YES   HRDOW
 L0006686         0   0.11250E-01  592921.5 4123459.5    89.7     3.40     7.44
3.16     YES   HRDOW
 L0006687         0   0.11250E-01  592937.0 4123455.6    89.5     3.40     7.44
3.16     YES   HRDOW
 L0006688         0   0.11250E-01  592952.6 4123451.7    89.4     3.40     7.44
3.16     YES   HRDOW
 L0006689         0   0.11250E-01  592967.8 4123452.7    89.3     3.40     7.44
3.16     YES   HRDOW
 L0006690         0   0.11250E-01  592982.8 4123458.4    89.3     3.40     7.44
3.16     YES   HRDOW
 L0006691         0   0.11250E-01  592997.7 4123464.1    89.2     3.40     7.44
3.16     YES   HRDOW
 L0006692         0   0.11250E-01  593012.9 4123466.7    89.1     3.40     7.44
3.16     YES   HRDOW
 L0006693         0   0.11250E-01  593028.6 4123463.4    89.0     3.40     7.44
3.16     YES   HRDOW
 L0006694         0   0.11250E-01  593044.2 4123460.0    88.8     3.40     7.44
3.16     YES   HRDOW
 L0006695         0   0.11250E-01  593059.9 4123456.7    88.7     3.40     7.44
3.16     YES   HRDOW
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006696	0	0.11250E-01	593067.4	4123443.4	88.7	3.40	7.44	3.16	YES	HRDOW
L0006697	0	0.11250E-01	593073.7	4123428.7	88.7	3.40	7.44	3.16	YES	HRDOW
L0006698	0	0.11250E-01	593080.1	4123414.0	88.6	3.40	7.44	3.16	YES	HRDOW
L0006699	0	0.11250E-01	593086.4	4123399.3	88.7	3.40	7.44	3.16	YES	HRDOW
L0006700	0	0.11250E-01	593091.4	4123384.2	88.6	3.40	7.44	3.16	YES	HRDOW
L0006701	0	0.11250E-01	593096.5	4123369.0	88.7	3.40	7.44	3.16	YES	HRDOW
L0006702	0	0.11250E-01	593101.6	4123353.8	88.7	3.40	7.44	3.16	YES	HRDOW
L0006703	0	0.11250E-01	593106.6	4123338.6	88.7	3.40	7.44	3.16	YES	HRDOW
L0006704	0	0.11250E-01	593111.7	4123323.5	88.7	3.40	7.44	3.16	YES	HRDOW
L0006705	0	0.11250E-01	593116.7	4123308.3	88.8	3.40	7.44	3.16	YES	HRDOW
L0006706	0	0.11250E-01	593121.8	4123293.1	88.9	3.40	7.44	3.16	YES	HRDOW
L0006707	0	0.11250E-01	593129.1	4123279.2	88.9	3.40	7.44	3.16	YES	HRDOW
L0006708	0	0.11250E-01	593139.9	4123267.5	88.9	3.40	7.44	3.16	YES	HRDOW
L0006709	0	0.11250E-01	593150.8	4123255.8	89.0	3.40	7.44	3.16	YES	HRDOW
L0006710	0	0.11250E-01	593163.9	4123249.0	89.0	3.40	7.44	3.16	YES	HRDOW

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 L0006711         0   0.11250E-01  593179.9 4123249.1    88.8     3.40     7.44
3.16     YES   HRDOW
 L0006712         0   0.11250E-01  593195.9 4123249.3    88.8     3.40     7.44
3.16     YES   HRDOW
 L0006713         0   0.11250E-01  593211.8 4123249.4    88.7     3.40     7.44
3.16     YES   HRDOW
 L0006714         0   0.11250E-01  593227.8 4123249.6    88.5     3.40     7.44
3.16     YES   HRDOW
 L0006715         0   0.11250E-01  593243.8 4123249.7    88.5     3.40     7.44
3.16     YES   HRDOW
 L0006716         0   0.11250E-01  593259.8 4123249.8    88.3     3.40     7.44
3.16     YES   HRDOW
 L0006717         0   0.11250E-01  593275.8 4123250.0    88.2     3.40     7.44
3.16     YES   HRDOW
 L0006718         0   0.11250E-01  593291.8 4123250.1    88.0     3.40     7.44
3.16     YES   HRDOW
 L0006719         0   0.11250E-01  593307.8 4123250.2    87.8     3.40     7.44
3.16     YES   HRDOW
 L0006720         0   0.11250E-01  593323.8 4123250.4    87.7     3.40     7.44
3.16     YES   HRDOW
 L0006721         0   0.11250E-01  593339.8 4123250.5    87.5     3.40     7.44
3.16     YES   HRDOW
 L0006722         0   0.11250E-01  593355.8 4123250.6    87.4     3.40     7.44
3.16     YES   HRDOW
 L0006723         0   0.11250E-01  593371.8 4123250.8    87.2     3.40     7.44
3.16     YES   HRDOW
 L0006724         0   0.11250E-01  593387.8 4123250.9    86.9     3.40     7.44
3.16     YES   HRDOW
 L0006725         0   0.11250E-01  593403.8 4123251.1    86.5     3.40     7.44
3.16     YES   HRDOW
 L0006726         0   0.11250E-01  593419.8 4123251.2    86.0     3.40     7.44
3.16     YES   HRDOW
 L0006727         0   0.11250E-01  593435.8 4123251.3    86.0     3.40     7.44
3.16     YES   HRDOW
 L0006728         0   0.11250E-01  593451.8 4123251.5    86.3     3.40     7.44
3.16     YES   HRDOW
 L0006729         0   0.11250E-01  593467.8 4123251.6    86.5     3.40     7.44
3.16     YES   HRDOW
 L0006730         0   0.11250E-01  593483.8 4123251.7    86.5     3.40     7.44
3.16     YES   HRDOW
 L0006731         0   0.11250E-01  593499.8 4123251.9    86.4     3.40     7.44
3.16     YES   HRDOW
 L0006732         0   0.11250E-01  593515.8 4123252.0    86.1     3.40     7.44
3.16     YES   HRDOW
 L0006733         0   0.11250E-01  593531.8 4123252.1    85.9     3.40     7.44
3.16     YES   HRDOW
 L0006734         0   0.11250E-01  593547.8 4123252.3    85.8     3.40     7.44
3.16     YES   HRDOW
 L0006735         0   0.11250E-01  593563.8 4123252.4    85.6     3.40     7.44
3.16     YES   HRDOW
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006746	0	0.11250E-01	593693.2	4123351.7	83.7	3.40	7.44	3.16	YES	HRDOW
L0006747	0	0.11250E-01	593699.6	4123365.4	83.7	3.40	7.44	3.16	YES	HRDOW
L0006748	0	0.11250E-01	593700.7	4123381.3	83.9	3.40	7.44	3.16	YES	HRDOW
L0006749	0	0.11250E-01	593701.7	4123397.3	83.9	3.40	7.44	3.16	YES	HRDOW
L0006774	0	0.50000E+00	593384.3	4123462.3	86.5	3.15	4.05	2.93	YES	HRDOW

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 L0006775         0   0.50000E+00  593384.5 4123453.6    86.9     3.15     4.05
2.93     YES   HRDOW
 L0006636         0   0.20000E-01  593364.7 4123269.6    87.2     3.15     4.05
2.93     YES   HRDOW
 L0006637         0   0.20000E-01  593364.4 4123278.3    87.1     3.15     4.05
2.93     YES   HRDOW
 L0006638         0   0.20000E-01  593364.1 4123287.0    87.0     3.15     4.05
2.93     YES   HRDOW
 L0006639         0   0.20000E-01  593363.8 4123295.7    87.0     3.15     4.05
2.93     YES   HRDOW
 L0006640         0   0.20000E-01  593363.5 4123304.4    86.8     3.15     4.05
2.93     YES   HRDOW
 L0006641         0   0.20000E-01  593363.1 4123313.1    86.6     3.15     4.05
2.93     YES   HRDOW
 L0006642         0   0.20000E-01  593362.8 4123321.8    86.5     3.15     4.05
2.93     YES   HRDOW
 L0006643         0   0.20000E-01  593362.5 4123330.5    86.3     3.15     4.05
2.93     YES   HRDOW
 L0006644         0   0.20000E-01  593362.2 4123339.2    86.3     3.15     4.05
2.93     YES   HRDOW
 L0006645         0   0.20000E-01  593361.9 4123347.9    86.2     3.15     4.05
2.93     YES   HRDOW
 L0006646         0   0.20000E-01  593361.6 4123356.6    86.2     3.15     4.05
2.93     YES   HRDOW
 L0006647         0   0.20000E-01  593361.3 4123365.3    86.3     3.15     4.05
2.93     YES   HRDOW
 L0006648         0   0.20000E-01  593361.0 4123374.0    86.5     3.15     4.05
2.93     YES   HRDOW
 L0006649         0   0.20000E-01  593360.6 4123382.7    86.7     3.15     4.05
2.93     YES   HRDOW
 L0006650         0   0.20000E-01  593360.3 4123391.3    86.8     3.15     4.05
2.93     YES   HRDOW
 L0006651         0   0.20000E-01  593360.0 4123400.0    86.8     3.15     4.05
2.93     YES   HRDOW
 L0006652         0   0.20000E-01  593359.7 4123408.7    86.8     3.15     4.05
2.93     YES   HRDOW
 L0006653         0   0.20000E-01  593359.4 4123417.4    86.9     3.15     4.05
2.93     YES   HRDOW
 L0006654         0   0.20000E-01  593359.1 4123426.1    86.9     3.15     4.05
2.93     YES   HRDOW
 L0006655         0   0.20000E-01  593358.8 4123434.8    86.9     3.15     4.05
2.93     YES   HRDOW
 L0006656         0   0.20000E-01  593358.5 4123443.5    87.0     3.15     4.05
2.93     YES   HRDOW
 L0006657         0   0.20000E-01  593358.2 4123452.2    86.9     3.15     4.05
2.93     YES   HRDOW
 L0006658         0   0.20000E-01  593351.3 4123454.0    86.9     3.15     4.05
2.93     YES   HRDOW
 L0006659         0   0.20000E-01  593342.6 4123453.8    86.9     3.15     4.05
2.93     YES   HRDOW
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0006660	0	0.20000E-01	593333.9	4123453.6	87.0	3.15	4.05	2.93	YES	HRDOW
L0006661	0	0.20000E-01	593325.2	4123453.5	87.1	3.15	4.05	2.93	YES	HRDOW
L0006662	0	0.20000E-01	593316.5	4123453.3	87.1	3.15	4.05	2.93	YES	HRDOW
L0006663	0	0.20000E-01	593307.8	4123453.1	87.2	3.15	4.05	2.93	YES	HRDOW
L0006664	0	0.20000E-01	593299.1	4123452.9	87.3	3.15	4.05	2.93	YES	HRDOW
L0006665	0	0.20000E-01	593298.5	4123445.0	87.3	3.15	4.05	2.93	YES	HRDOW
L0006666	0	0.20000E-01	593298.7	4123436.3	87.2	3.15	4.05	2.93	YES	HRDOW
L0006667	0	0.20000E-01	593298.9	4123427.6	87.2	3.15	4.05	2.93	YES	HRDOW
L0006668	0	0.20000E-01	593299.1	4123418.9	87.1	3.15	4.05	2.93	YES	HRDOW
L0006669	0	0.20000E-01	593299.3	4123410.2	87.1	3.15	4.05	2.93	YES	HRDOW
L0006670	0	0.20000E-01	593299.5	4123401.5	87.1	3.15	4.05	2.93	YES	HRDOW
L0006671	0	0.20000E-01	593299.7	4123392.8	87.1	3.15	4.05	2.93	YES	HRDOW
L0006672	0	0.20000E-01	593299.9	4123384.1	87.2	3.15	4.05	2.93	YES	HRDOW
L0006673	0	0.20000E-01	593300.2	4123375.4	87.2	3.15	4.05	2.93	YES	HRDOW
L0006674	0	0.20000E-01	593300.4	4123366.7	87.2	3.15	4.05	2.93	YES	HRDOW

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 L0006675         0   0.20000E-01  593300.6 4123358.0    87.3     3.15     4.05
2.93     YES   HRDOW
 L0006676         0   0.20000E-01  593300.8 4123349.3    87.3     3.15     4.05
2.93     YES   HRDOW
 L0006677         0   0.20000E-01  593301.0 4123340.6    87.4     3.15     4.05
2.93     YES   HRDOW
 L0006678         0   0.20000E-01  593301.2 4123331.9    87.4     3.15     4.05
2.93     YES   HRDOW
 L0006679         0   0.20000E-01  593301.4 4123323.2    87.5     3.15     4.05
2.93     YES   HRDOW
 L0006680         0   0.20000E-01  593301.6 4123314.5    87.5     3.15     4.05
2.93     YES   HRDOW
 L0006681         0   0.20000E-01  593301.8 4123305.8    87.6     3.15     4.05
2.93     YES   HRDOW
 L0006682         0   0.20000E-01  593302.0 4123297.1    87.7     3.15     4.05
2.93     YES   HRDOW
 L0006683         0   0.20000E-01  593302.2 4123288.4    87.7     3.15     4.05
2.93     YES   HRDOW
 L0006684         0   0.20000E-01  593302.4 4123279.7    87.8     3.15     4.05
2.93     YES   HRDOW
 L0006685         0   0.20000E-01  593302.6 4123271.1    87.8     3.15     4.05
2.93     YES   HRDOW
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                 SOURCE IDs
 -----------                                                 ----------


  OFFSITE    L0006750    , L0006751    , L0006752    , L0006753    , L0006754    ,
L0006755    , L0006756    , L0006757    ,

             L0006758    , L0006759    , L0006760    , L0006761    , L0006762    ,
L0006763    , L0006764    , L0006765    ,

             L0006766    , L0006767    , L0006768    , L0006769    , L0006686    ,
L0006687    , L0006688    , L0006689    ,

             L0006690    , L0006691    , L0006692    , L0006693    , L0006694    ,
L0006695    , L0006696    , L0006697    ,
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             L0006698    , L0006699    , L0006700    , L0006701    , L0006702    ,
L0006703    , L0006704    , L0006705    ,

             L0006706    , L0006707    , L0006708    , L0006709    , L0006710    ,
L0006711    , L0006712    , L0006713    ,

             L0006714    , L0006715    , L0006716    , L0006717    , L0006718    ,
L0006719    , L0006720    , L0006721    ,

             L0006722    , L0006723    , L0006724    , L0006725    , L0006726    ,
L0006727    , L0006728    , L0006729    ,

             L0006730    , L0006731    , L0006732    , L0006733    , L0006734    ,
L0006735    , L0006736    , L0006737    ,

             L0006738    , L0006739    , L0006740    , L0006741    , L0006742    ,
L0006743    , L0006744    , L0006745    ,

             L0006746    , L0006747    , L0006748    , L0006749    ,

  IDLE       L0006774    , L0006775    ,

  ONSITECI   L0006636    , L0006637    , L0006638    , L0006639    , L0006640    ,
L0006641    , L0006642    , L0006643    ,

             L0006644    , L0006645    , L0006646    , L0006647    , L0006648    ,
L0006649    , L0006650    , L0006651    ,

             L0006652    , L0006653    , L0006654    , L0006655    , L0006656    ,
L0006657    , L0006658    , L0006659    ,

             L0006660    , L0006661    , L0006662    , L0006663    , L0006664    ,
L0006665    , L0006666    , L0006667    ,

             L0006668    , L0006669    , L0006670    , L0006671    , L0006672    ,
L0006673    , L0006674    , L0006675    ,

             L0006676    , L0006677    , L0006678    , L0006679    , L0006680    ,
L0006681    , L0006682    , L0006683    ,

             L0006684    , L0006685    ,

  GENS       STCK1       , STCK2       ,
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       08:18:36

                                   PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 ,
	L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 ,
	L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 ,
	L0006690 , L0006691 , L0006692 , L0006693 , L0006694 , L0006695 , L0006696 , L0006697 ,
	L0006698 , L0006699 , L0006700 , L0006701 , L0006702 , L0006703 , L0006704 , L0006705 ,
	L0006706 , L0006707 , L0006708 , L0006709 , L0006710 , L0006711 , L0006712 , L0006713 ,
	L0006714 , L0006715 , L0006716 , L0006717 , L0006718 , L0006719 , L0006720 , L0006721 ,
	L0006722 , L0006723 , L0006724 , L0006725 , L0006726 , L0006727 , L0006728 , L0006729 ,
	L0006730 , L0006731 , L0006732 , L0006733 , L0006734 , L0006735 , L0006736 , L0006737 ,
	L0006738 , L0006739 , L0006740 , L0006741 , L0006742 , L0006743 , L0006744 , L0006745 ,
	L0006746 , L0006747 , L0006748 , L0006749 , STCK1 , STCK2 , L0006774 , L0006775 ,
	L0006636 , L0006637 , L0006638 , L0006639 , L0006640 , L0006641 , L0006642 , L0006643 ,
	L0006644 , L0006645 , L0006646 , L0006647 , L0006648 , L0006649 , L0006650 , L0006651 ,
	L0006652 , L0006653 , L0006654 , L0006655 , L0006656 , L0006657 , L0006658 , L0006659 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	983489.	L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 ,
		L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 ,
		L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 ,
		L0006690 , L0006691 , L0006692 , L0006693 , L0006694 , L0006695 , L0006696 , L0006697 ,
		L0006698 , L0006699 , L0006700 , L0006701 , L0006702 , L0006703 , L0006704 , L0006705 ,
		L0006706 , L0006707 , L0006708 , L0006709 , L0006710 , L0006711 , L0006712 , L0006713 ,
		L0006714 , L0006715 , L0006716 , L0006717 , L0006718 , L0006719 , L0006720 , L0006721 ,
		L0006722 , L0006723 , L0006724 , L0006725 , L0006726 ,

L0006727   , L0006728   , L0006729   ,

             L0006730   , L0006731   , L0006732   , L0006733   , L0006734   ,
L0006735   , L0006736   , L0006737   ,

             L0006738   , L0006739   , L0006740   , L0006741   , L0006742   ,
L0006743   , L0006744   , L0006745   ,

             L0006746   , L0006747   , L0006748   , L0006749   , STCK1   ,
STCK2   , L0006774   , L0006775   ,

             L0006636   , L0006637   , L0006638   , L0006639   , L0006640   ,
L0006641   , L0006642   , L0006643   ,

             L0006644   , L0006645   , L0006646   , L0006647   , L0006648   ,
L0006649   , L0006650   , L0006651   ,

             L0006652   , L0006653   , L0006654   , L0006655   , L0006656   ,
L0006657   , L0006658   , L0006659   ,

             L0006660   , L0006661   , L0006662   , L0006663   , L0006664   ,
L0006665   , L0006666   , L0006667   ,

             L0006668   , L0006669   , L0006670   , L0006671   , L0006672   ,
L0006673   , L0006674   , L0006675   ,

             L0006676   , L0006677   , L0006678   , L0006679   , L0006680   ,
L0006681   , L0006682   , L0006683   ,

             L0006684   , L0006685   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: STCK1
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.0,   65.0,   69.3, -68.3,   21.7,   2   12.0,   72.5,   75.2,
-74.3,   15.7,
    3   12.0,   77.8,   78.8, -78.0,   9.2,   4   12.0,   80.6,   80.0,
-79.4,   2.4,
    5   12.0,   81.1,   78.7, -78.3,   -4.4,   6   12.0,   79.1,   75.1,

-74.9, -11.1,
    7   21.5,   88.0,   72.2,   -1.9, -53.5,   8   21.5,   83.9,   60.9,
12.8, -46.8,
    9   21.5,   80.3,   47.8,   27.2, -40.1,   10   21.5,   86.8,   58.0,
27.4, -30.9,
   11   21.5,   91.3,   69.0,   26.2, -20.5,   12   21.5,   93.0,   77.9,
24.1,   -9.5,
   13   21.5,   91.8,   84.3,   21.3,   1.9,   14   21.5,   87.9,   88.3,
17.9,   13.1,
   15   21.5,   81.3,   89.5,   13.9,   24.0,   16   21.5,   72.2,   88.0,
9.5,   34.2,
   17   12.0,   61.1,   67.9, -10.7, -30.8,   18   12.0,   55.6,   61.4,
-1.1, -27.0,
   19   12.0,   65.0,   69.3,   -1.0, -21.7,   20   12.0,   72.5,   75.2,
-0.9, -15.7,
   21   12.0,   77.8,   78.8,   -0.8,   -9.2,   22   12.0,   80.6,   80.0,
-0.6,   -2.4,
   23   12.0,   81.1,   78.7,   -0.4,   4.4,   24   12.0,   79.1,   75.1,
-0.2,   11.1,
   25   21.5,   88.0,   72.2, -70.3,   53.5,   26   21.5,   83.9,   60.9,
-73.8,   46.8,
   27   21.5,   80.3,   47.8, -75.0,   40.1,   28   21.5,   86.8,   58.0,
-85.5,   30.9,
   29   21.5,   91.3,   69.0, -95.2,   20.5,   30   21.5,   93.0,   77.9,
-102.0,   9.5,
   31   21.5,   91.8,   84.3, -105.7,   -1.9,   32   21.5,   87.9,   88.3,
-106.2, -13.1,
   33   21.5,   81.3,   89.5, -103.4, -24.0,   34   21.5,   72.2,   88.0,
-97.5, -34.2,
   35   12.0,   61.1,   67.9, -57.3,   30.8,   36   12.0,   55.6,   61.4,
-60.2,   27.0,

 SOURCE ID: STCK2
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   21.5,   58.0,   86.8, -72.4,   20.1,   2   21.5,   69.0,   91.3,
-77.5,   15.0,
    3   21.5,   77.9,   93.0, -80.2,   9.5,   4   21.5,   84.3,   91.8,
-80.6,   3.7,
    5   21.5,   88.3,   87.9, -78.4,   -2.1,   6   21.5,   89.5,   81.3,
-73.9,   -8.0,
    7   21.5,   88.0,   72.2, -67.2, -13.6,   8   21.5,   83.9,   60.9,
-58.4, -18.7,
    9   21.5,   80.3,   47.8, -47.8, -24.9,   10   21.5,   86.8,   58.0,
-49.1, -28.9,
   11   21.5,   91.3,   69.0, -49.5, -31.8,   12   21.5,   93.0,   77.9,
-48.4, -33.8,
   13   21.5,   91.8,   84.3, -45.9, -34.6,   14   21.5,   87.9,   88.3,
-42.0, -34.5,

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   15   21.5,   81.3,   89.5,  -36.8,  -33.3,     16   21.5,   72.2,   88.0,
-30.4,  -31.1,
   17   21.5,   60.9,   83.9,  -23.2,  -27.9,     18   21.5,   47.8,   80.3,
-15.2,  -23.9,
   19   21.5,   58.0,   86.8,  -14.5,  -20.1,     20   21.5,   69.0,   91.3,
-13.8,  -15.0,
   21   21.5,   77.9,   93.0,  -12.7,   -9.5,     22   21.5,   84.3,   91.8,
-11.3,   -3.7,
   23   21.5,   88.3,   87.9,   -9.5,    2.1,     24   21.5,   89.5,   81.3,
-7.3,    8.0,
   25   21.5,   88.0,   72.2,   -5.0,   13.6,     26   21.5,   83.9,   60.9,
-2.5,   18.7,
   27   21.5,   80.3,   47.8,    0.0,   24.9,     28   21.5,   86.8,   58.0,
-9.0,   28.9,
   29   21.5,   91.3,   69.0,  -19.5,   31.8,     30   21.5,   93.0,   77.9,
-29.4,   33.8,
   31   21.5,   91.8,   84.3,  -38.4,   34.6,     32   21.5,   87.9,   88.3,
-46.3,   34.5,
   33   21.5,   81.3,   89.5,  -52.7,   33.3,     34   21.5,   72.2,   88.0,
-57.6,   31.1,
   35   21.5,   60.9,   83.9,  -60.7,   27.9,     36   21.5,   47.8,   80.3,
-65.1,   23.9,

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                             ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006750     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006751   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006752   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006753   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006754   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006755     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006756 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006757 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00						

6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006758   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006759     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006760     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006761     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006762   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006763     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
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OF WEEK (HRDOW) *

SOURCE ID = L0006764 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = L0006765 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006766   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006767   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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 SOURCE ID = L0006768     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006769     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
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```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006686     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006687 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006688 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006689     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006690     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006691   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006692   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006693     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006694     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006695   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006696   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       08:18:36

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006697     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006698     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006699 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006700 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006701     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006702   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006703     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006704     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
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   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       08:18:36

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006705     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006706   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0006707     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006708     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006709   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006710   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006711   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006712     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006713 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006714 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006715 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006716 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006717   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006718 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006719 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006720   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006721     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006722   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006723   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006724     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006725     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***        08:18:36

                                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006726     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006727     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006728   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006729     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
```

OF WEEK (HRDOW) *

 SOURCE ID = L0006730   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006731   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006732   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006733   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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 SOURCE ID = L0006734     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006735     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006736     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006737 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006738 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006739   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

                                  PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006740     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006741   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006742   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006743     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006744     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006745 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006746 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006747     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006748 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006749 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006774 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006775     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006636   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006637 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006638 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006639     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006640   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0006641     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006642     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006643   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006644   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006645   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006646     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006647   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006648 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006649 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006650     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006651   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006652 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006653 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006654   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                   PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006655     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006656 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006657 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006658     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006659     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006660     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006661     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006662   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006663     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
```

OF WEEK (HRDOW) *

 SOURCE ID = L0006664   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006665   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006666   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006667 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0006668     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006669     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

                                   PAGE 131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006670     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006671 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006672 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006673 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006674     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006675   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0006676   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006677     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006678     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006679 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1000E+01	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006680 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006681     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006682 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006683 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006684 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0006685     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = STCK1   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .1000E+01
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       08:18:36

                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK2        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .1000E+01
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592567.6, 4122799.9, 96.8, 96.8, 0.0); (592607.6, 4122799.9, 96.3, 96.3, 0.0);
(592647.6, 4122799.9, 96.1, 96.1, 0.0); (592687.6,

```
4122799.9,      95.4,      95.4,       0.0);
     ( 592727.6, 4122799.9,      95.2,      95.2,       0.0);         ( 592767.6,
4122799.9,      94.9,      94.9,       0.0);
     ( 592807.6, 4122799.9,      94.4,      94.4,       0.0);         ( 592847.6,
4122799.9,      94.5,      94.5,       0.0);
     ( 592887.6, 4122799.9,      94.1,      94.1,       0.0);         ( 592927.6,
4122799.9,      93.5,      93.5,       0.0);
     ( 592967.6, 4122799.9,      93.0,      93.0,       0.0);         ( 593007.6,
4122799.9,      92.8,      92.8,       0.0);
     ( 593047.6, 4122799.9,      92.3,      92.3,       0.0);         ( 593087.6,
4122799.9,      92.1,      92.1,       0.0);
     ( 593127.6, 4122799.9,      91.8,      91.8,       0.0);         ( 593167.6,
4122799.9,      91.6,      91.6,       0.0);
     ( 593207.6, 4122799.9,      91.2,      91.2,       0.0);         ( 593247.6,
4122799.9,      90.9,      90.9,       0.0);
     ( 593287.6, 4122799.9,      91.0,      91.0,       0.0);         ( 593327.6,
4122799.9,      90.8,      90.8,       0.0);
     ( 593367.6, 4122799.9,      90.4,      90.4,       0.0);         ( 593407.6,
4122799.9,      89.8,      89.8,       0.0);
     ( 593447.6, 4122799.9,      89.8,      89.8,       0.0);         ( 593487.6,
4122799.9,      89.7,      89.7,       0.0);
     ( 593527.6, 4122799.9,      89.5,      89.5,       0.0);         ( 593567.6,
4122799.9,      89.0,      89.0,       0.0);
     ( 593607.6, 4122799.9,      88.7,      88.7,       0.0);         ( 593647.6,
4122799.9,      88.2,      88.2,       0.0);
     ( 593687.6, 4122799.9,      88.1,      88.1,       0.0);         ( 593727.6,
4122799.9,      88.2,      88.2,       0.0);
     ( 593767.6, 4122799.9,      87.8,      87.8,       0.0);         ( 593807.6,
4122799.9,      87.9,      87.9,       0.0);
     ( 593847.6, 4122799.9,      87.5,      87.5,       0.0);         ( 593887.6,
4122799.9,      87.1,      87.1,       0.0);
     ( 593927.6, 4122799.9,      86.6,      86.6,       0.0);         ( 593967.6,
4122799.9,      86.1,      86.1,       0.0);
     ( 594007.6, 4122799.9,      86.0,      86.0,       0.0);         ( 592567.6,
4122839.9,      96.6,      96.6,       0.0);
     ( 592607.6, 4122839.9,      96.1,      96.1,       0.0);         ( 592647.6,
4122839.9,      95.9,      95.9,       0.0);
     ( 592687.6, 4122839.9,      95.6,      95.6,       0.0);         ( 592727.6,
4122839.9,      95.2,      95.2,       0.0);
     ( 592767.6, 4122839.9,      94.5,      94.5,       0.0);         ( 592807.6,
4122839.9,      94.4,      94.4,       0.0);
     ( 592847.6, 4122839.9,      94.3,      94.3,       0.0);         ( 592887.6,
4122839.9,      94.1,      94.1,       0.0);
     ( 592927.6, 4122839.9,      93.6,      93.6,       0.0);         ( 592967.6,
4122839.9,      93.1,      93.1,       0.0);
     ( 593007.6, 4122839.9,      92.2,      92.2,       0.0);         ( 593047.6,
4122839.9,      91.7,      91.7,       0.0);
     ( 593087.6, 4122839.9,      92.0,      92.0,       0.0);         ( 593127.6,
4122839.9,      91.7,      91.7,       0.0);
     ( 593167.6, 4122839.9,      91.4,      91.4,       0.0);         ( 593207.6,
```

4122839.9,   91.0,   91.0,   0.0);
     (593247.6, 4122839.9,   90.7,   90.7,   0.0);   (593287.6,
4122839.9,   90.5,   90.5,   0.0);
     (593327.6, 4122839.9,   90.4,   90.4,   0.0);   (593367.6,
4122839.9,   90.0,   90.0,   0.0);
     (593407.6, 4122839.9,   89.5,   89.5,   0.0);   (593447.6,
4122839.9,   89.4,   89.4,   0.0);
     (593487.6, 4122839.9,   89.3,   89.3,   0.0);   (593527.6,
4122839.9,   89.0,   89.0,   0.0);
     (593567.6, 4122839.9,   88.5,   88.5,   0.0);   (593607.6,
4122839.9,   88.2,   88.2,   0.0);
     (593647.6, 4122839.9,   87.5,   87.5,   0.0);   (593687.6,
4122839.9,   87.3,   87.3,   0.0);
     (593727.6, 4122839.9,   87.5,   87.5,   0.0);   (593767.6,
4122839.9,   87.3,   87.3,   0.0);
     (593807.6, 4122839.9,   87.4,   87.4,   0.0);   (593847.6,
4122839.9,   87.1,   87.1,   0.0);
     (593887.6, 4122839.9,   86.9,   86.9,   0.0);   (593927.6,
4122839.9,   86.5,   86.5,   0.0);
     (593967.6, 4122839.9,   86.0,   86.0,   0.0);   (594007.6,
4122839.9,   86.0,   86.0,   0.0);
     (592567.6, 4122879.9,   96.3,   96.3,   0.0);   (592607.6,
4122879.9,   95.8,   95.8,   0.0);
     (592647.6, 4122879.9,   95.8,   95.8,   0.0);   (592687.6,
4122879.9,   95.7,   95.7,   0.0);
     (592727.6, 4122879.9,   94.9,   94.9,   0.0);   (592767.6,
4122879.9,   94.4,   94.4,   0.0);
     (592807.6, 4122879.9,   94.3,   94.3,   0.0);   (592847.6,
4122879.9,   93.9,   93.9,   0.0);
     (592887.6, 4122879.9,   93.5,   93.5,   0.0);   (592927.6,
4122879.9,   93.1,   93.1,   0.0);
     (592967.6, 4122879.9,   92.7,   92.7,   0.0);   (593007.6,
4122879.9,   92.3,   92.3,   0.0);
     (593047.6, 4122879.9,   91.8,   91.8,   0.0);   (593087.6,
4122879.9,   91.9,   91.9,   0.0);
     (593127.6, 4122879.9,   91.8,   91.8,   0.0);   (593167.6,
4122879.9,   91.1,   91.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (593207.6, 4122879.9,   91.0,   91.0,   0.0);   (593247.6,

```
4122879.9,      90.5,      90.5,       0.0);
     ( 593287.6, 4122879.9,      90.2,      90.2,       0.0);         ( 593327.6,
4122879.9,      89.9,      89.9,       0.0);
     ( 593367.6, 4122879.9,      89.7,      89.7,       0.0);         ( 593407.6,
4122879.9,      89.3,      89.3,       0.0);
     ( 593447.6, 4122879.9,      89.2,      89.2,       0.0);         ( 593487.6,
4122879.9,      89.0,      89.0,       0.0);
     ( 593527.6, 4122879.9,      88.6,      88.6,       0.0);         ( 593567.6,
4122879.9,      88.0,      88.0,       0.0);
     ( 593607.6, 4122879.9,      87.9,      87.9,       0.0);         ( 593647.6,
4122879.9,      87.2,      87.2,       0.0);
     ( 593687.6, 4122879.9,      86.8,      86.8,       0.0);         ( 593727.6,
4122879.9,      86.9,      86.9,       0.0);
     ( 593767.6, 4122879.9,      86.7,      86.7,       0.0);         ( 593807.6,
4122879.9,      86.9,      86.9,       0.0);
     ( 593847.6, 4122879.9,      86.8,      86.8,       0.0);         ( 593887.6,
4122879.9,      86.6,      86.6,       0.0);
     ( 593927.6, 4122879.9,      86.3,      86.3,       0.0);         ( 593967.6,
4122879.9,      85.8,      85.8,       0.0);
     ( 594007.6, 4122879.9,      85.8,      85.8,       0.0);         ( 592567.6,
4122919.9,      96.1,      96.1,       0.0);
     ( 592607.6, 4122919.9,      95.8,      95.8,       0.0);         ( 592647.6,
4122919.9,      95.4,      95.4,       0.0);
     ( 592687.6, 4122919.9,      95.0,      95.0,       0.0);         ( 592727.6,
4122919.9,      94.5,      94.5,       0.0);
     ( 592767.6, 4122919.9,      94.2,      94.2,       0.0);         ( 592807.6,
4122919.9,      94.1,      94.1,       0.0);
     ( 592847.6, 4122919.9,      93.6,      93.6,       0.0);         ( 592887.6,
4122919.9,      93.5,      93.5,       0.0);
     ( 592927.6, 4122919.9,      92.5,      92.5,       0.0);         ( 592967.6,
4122919.9,      92.0,      92.0,       0.0);
     ( 593007.6, 4122919.9,      92.0,      92.0,       0.0);         ( 593047.6,
4122919.9,      92.1,      92.1,       0.0);
     ( 593087.6, 4122919.9,      91.8,      91.8,       0.0);         ( 593127.6,
4122919.9,      91.5,      91.5,       0.0);
     ( 593167.6, 4122919.9,      90.7,      90.7,       0.0);         ( 593207.6,
4122919.9,      90.8,      90.8,       0.0);
     ( 593247.6, 4122919.9,      90.2,      90.2,       0.0);         ( 593287.6,
4122919.9,      90.1,      90.1,       0.0);
     ( 593327.6, 4122919.9,      89.5,      89.5,       0.0);         ( 593367.6,
4122919.9,      89.4,      89.4,       0.0);
     ( 593407.6, 4122919.9,      89.1,      89.1,       0.0);         ( 593447.6,
4122919.9,      88.8,      88.8,       0.0);
     ( 593487.6, 4122919.9,      88.5,      88.5,       0.0);         ( 593527.6,
4122919.9,      88.1,      88.1,       0.0);
     ( 593567.6, 4122919.9,      87.6,      87.6,       0.0);         ( 593607.6,
4122919.9,      87.5,      87.5,       0.0);
     ( 593647.6, 4122919.9,      87.1,      87.1,       0.0);         ( 593687.6,
4122919.9,      86.6,      86.6,       0.0);
     ( 593727.6, 4122919.9,      86.3,      86.3,       0.0);         ( 593767.6,
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4122919.9,   86.1,   86.1,   0.0);
     (593807.6, 4122919.9,   86.2,   86.2,   0.0);   (593847.6,
4122919.9,   86.3,   86.3,   0.0);
     (593887.6, 4122919.9,   86.2,   86.2,   0.0);   (593927.6,
4122919.9,   86.0,   86.0,   0.0);
     (593967.6, 4122919.9,   85.6,   85.6,   0.0);   (594007.6,
4122919.9,   85.4,   85.4,   0.0);
     (592567.6, 4122959.9,   95.3,   95.3,   0.0);   (592607.6,
4122959.9,   95.4,   95.4,   0.0);
     (592647.6, 4122959.9,   95.1,   95.1,   0.0);   (592687.6,
4122959.9,   94.7,   94.7,   0.0);
     (592727.6, 4122959.9,   94.2,   94.2,   0.0);   (592767.6,
4122959.9,   94.0,   94.0,   0.0);
     (592807.6, 4122959.9,   93.9,   93.9,   0.0);   (592847.6,
4122959.9,   93.4,   93.4,   0.0);
     (592887.6, 4122959.9,   93.3,   93.3,   0.0);   (592927.6,
4122959.9,   92.7,   92.7,   0.0);
     (592967.6, 4122959.9,   92.2,   92.2,   0.0);   (593007.6,
4122959.9,   91.8,   91.8,   0.0);
     (593047.6, 4122959.9,   91.6,   91.6,   0.0);   (593087.6,
4122959.9,   91.8,   91.8,   0.0);
     (593127.6, 4122959.9,   91.2,   91.2,   0.0);   (593167.6,
4122959.9,   90.5,   90.5,   0.0);
     (593207.6, 4122959.9,   90.4,   90.4,   0.0);   (593247.6,
4122959.9,   89.8,   89.8,   0.0);
     (593287.6, 4122959.9,   89.7,   89.7,   0.0);   (593327.6,
4122959.9,   89.0,   89.0,   0.0);
     (593367.6, 4122959.9,   89.2,   89.2,   0.0);   (593407.6,
4122959.9,   88.8,   88.8,   0.0);
     (593447.6, 4122959.9,   88.7,   88.7,   0.0);   (593487.6,
4122959.9,   88.2,   88.2,   0.0);
     (593527.6, 4122959.9,   88.1,   88.1,   0.0);   (593567.6,
4122959.9,   87.4,   87.4,   0.0);
     (593607.6, 4122959.9,   87.5,   87.5,   0.0);   (593647.6,
4122959.9,   87.3,   87.3,   0.0);
     (593687.6, 4122959.9,   87.0,   87.0,   0.0);   (593727.6,
4122959.9,   86.5,   86.5,   0.0);
     (593767.6, 4122959.9,   86.1,   86.1,   0.0);   (593807.6,
4122959.9,   86.0,   86.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

```
     ( 593847.6, 4122959.9,      85.7,      85.7,       0.0);         ( 593887.6,
4122959.9,      85.6,      85.6,       0.0);
     ( 593927.6, 4122959.9,      85.6,      85.6,       0.0);         ( 593967.6,
4122959.9,      85.2,      85.2,       0.0);
     ( 594007.6, 4122959.9,      85.1,      85.1,       0.0);         ( 592567.6,
4122999.9,      93.3,      93.3,       0.0);
     ( 592607.6, 4122999.9,      95.0,      95.0,       0.0);         ( 592647.6,
4122999.9,      94.9,      94.9,       0.0);
     ( 592687.6, 4122999.9,      94.6,      94.6,       0.0);         ( 592727.6,
4122999.9,      94.1,      94.1,       0.0);
     ( 592767.6, 4122999.9,      93.8,      93.8,       0.0);         ( 592807.6,
4122999.9,      93.6,      93.6,       0.0);
     ( 592847.6, 4122999.9,      93.2,      93.2,       0.0);         ( 592887.6,
4122999.9,      92.9,      92.9,       0.0);
     ( 592927.6, 4122999.9,      92.5,      92.5,       0.0);         ( 592967.6,
4122999.9,      92.2,      92.2,       0.0);
     ( 593007.6, 4122999.9,      91.8,      91.8,       0.0);         ( 593047.6,
4122999.9,      91.6,      91.6,       0.0);
     ( 593087.6, 4122999.9,      91.9,      91.9,       0.0);         ( 593127.6,
4122999.9,      91.0,      91.0,       0.0);
     ( 593167.6, 4122999.9,      90.3,      90.3,       0.0);         ( 593207.6,
4122999.9,      90.2,      90.2,       0.0);
     ( 593247.6, 4122999.9,      89.5,      89.5,       0.0);         ( 593287.6,
4122999.9,      89.5,      89.5,       0.0);
     ( 593327.6, 4122999.9,      88.8,      88.8,       0.0);         ( 593367.6,
4122999.9,      88.9,      88.9,       0.0);
     ( 593407.6, 4122999.9,      88.3,      88.3,       0.0);         ( 593447.6,
4122999.9,      88.4,      88.4,       0.0);
     ( 593487.6, 4122999.9,      87.8,      87.8,       0.0);         ( 593527.6,
4122999.9,      87.7,      87.7,       0.0);
     ( 593567.6, 4122999.9,      86.9,      86.9,       0.0);         ( 593607.6,
4122999.9,      86.8,      86.8,       0.0);
     ( 593647.6, 4122999.9,      86.7,      86.7,       0.0);         ( 593687.6,
4122999.9,      86.3,      86.3,       0.0);
     ( 593727.6, 4122999.9,      85.8,      85.8,       0.0);         ( 593767.6,
4122999.9,      85.3,      85.3,       0.0);
     ( 593807.6, 4122999.9,      85.0,      85.0,       0.0);         ( 593847.6,
4122999.9,      84.7,      84.7,       0.0);
     ( 593887.6, 4122999.9,      84.8,      84.8,       0.0);         ( 593927.6,
4122999.9,      85.0,      85.0,       0.0);
     ( 593967.6, 4122999.9,      84.6,      84.6,       0.0);         ( 594007.6,
4122999.9,      84.7,      84.7,       0.0);
     ( 592567.6, 4123039.9,      92.2,      92.2,       0.0);         ( 592607.6,
4123039.9,      94.3,      94.3,       0.0);
     ( 592647.6, 4123039.9,      94.7,      94.7,       0.0);         ( 592687.6,
4123039.9,      94.4,      94.4,       0.0);
     ( 592727.6, 4123039.9,      94.0,      94.0,       0.0);         ( 592767.6,
4123039.9,      93.5,      93.5,       0.0);
     ( 592807.6, 4123039.9,      93.1,      93.1,       0.0);         ( 592847.6,
```

4123039.9,   92.9,   92.9,   0.0);
     (592887.6, 4123039.9,   92.6,   92.6,   0.0);   (592927.6,
4123039.9,   92.3,   92.3,   0.0);
     (592967.6, 4123039.9,   92.0,   92.0,   0.0);   (593007.6,
4123039.9,   91.6,   91.6,   0.0);
     (593047.6, 4123039.9,   91.5,   91.5,   0.0);   (593087.6,
4123039.9,   91.7,   91.7,   0.0);
     (593127.6, 4123039.9,   90.7,   90.7,   0.0);   (593167.6,
4123039.9,   90.0,   90.0,   0.0);
     (593207.6, 4123039.9,   89.7,   89.7,   0.0);   (593247.6,
4123039.9,   89.2,   89.2,   0.0);
     (593287.6, 4123039.9,   89.3,   89.3,   0.0);   (593327.6,
4123039.9,   88.6,   88.6,   0.0);
     (593367.6, 4123039.9,   88.7,   88.7,   0.0);   (593407.6,
4123039.9,   88.1,   88.1,   0.0);
     (593447.6, 4123039.9,   88.1,   88.1,   0.0);   (593487.6,
4123039.9,   87.5,   87.5,   0.0);
     (593527.6, 4123039.9,   87.4,   87.4,   0.0);   (593567.6,
4123039.9,   86.6,   86.6,   0.0);
     (593607.6, 4123039.9,   86.6,   86.6,   0.0);   (593647.6,
4123039.9,   86.4,   86.4,   0.0);
     (593687.6, 4123039.9,   86.1,   86.1,   0.0);   (593727.6,
4123039.9,   85.7,   85.7,   0.0);
     (593767.6, 4123039.9,   85.3,   85.3,   0.0);   (593807.6,
4123039.9,   84.8,   84.8,   0.0);
     (593847.6, 4123039.9,   84.2,   84.2,   0.0);   (593887.6,
4123039.9,   84.2,   84.2,   0.0);
     (593927.6, 4123039.9,   84.4,   84.4,   0.0);   (593967.6,
4123039.9,   84.0,   84.0,   0.0);
     (594007.6, 4123039.9,   84.2,   84.2,   0.0);   (592567.6,
4123079.9,   91.6,   91.6,   0.0);
     (592607.6, 4123079.9,   92.7,   92.7,   0.0);   (592647.6,
4123079.9,   94.3,   94.3,   0.0);
     (592687.6, 4123079.9,   94.1,   94.1,   0.0);   (592727.6,
4123079.9,   93.8,   93.8,   0.0);
     (592767.6, 4123079.9,   93.3,   93.3,   0.0);   (592807.6,
4123079.9,   93.0,   93.0,   0.0);
     (592847.6, 4123079.9,   92.7,   92.7,   0.0);   (592887.6,
4123079.9,   92.3,   92.3,   0.0);
     (592927.6, 4123079.9,   92.0,   92.0,   0.0);   (592967.6,
4123079.9,   91.8,   91.8,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593007.6, 4123079.9, 91.5, 91.5, 0.0); (593047.6, 4123079.9, 91.2, 91.2, 0.0);
(593087.6, 4123079.9, 91.0, 91.0, 0.0); (593127.6, 4123079.9, 90.5, 90.5, 0.0);
(593167.6, 4123079.9, 90.2, 90.2, 0.0); (593207.6, 4123079.9, 89.7, 89.7, 0.0);
(593247.6, 4123079.9, 89.1, 89.1, 0.0); (593287.6, 4123079.9, 89.1, 89.1, 0.0);
(593327.6, 4123079.9, 88.4, 88.4, 0.0); (593367.6, 4123079.9, 88.5, 88.5, 0.0);
(593407.6, 4123079.9, 87.9, 87.9, 0.0); (593447.6, 4123079.9, 88.0, 88.0, 0.0);
(593487.6, 4123079.9, 87.3, 87.3, 0.0); (593527.6, 4123079.9, 87.1, 87.1, 0.0);
(593567.6, 4123079.9, 86.2, 86.2, 0.0); (593607.6, 4123079.9, 86.2, 86.2, 0.0);
(593647.6, 4123079.9, 86.0, 86.0, 0.0); (593687.6, 4123079.9, 85.8, 85.8, 0.0);
(593727.6, 4123079.9, 85.5, 85.5, 0.0); (593767.6, 4123079.9, 85.2, 85.2, 0.0);
(593807.6, 4123079.9, 84.5, 84.5, 0.0); (593847.6, 4123079.9, 83.9, 83.9, 0.0);
(593887.6, 4123079.9, 83.8, 83.8, 0.0); (593927.6, 4123079.9, 83.8, 83.8, 0.0);
(593967.6, 4123079.9, 83.5, 83.5, 0.0); (594007.6, 4123079.9, 83.7, 83.7, 0.0);
(592567.6, 4123119.9, 91.3, 91.3, 0.0); (592607.6, 4123119.9, 91.4, 91.4, 0.0);
(592647.6, 4123119.9, 92.8, 92.8, 0.0); (592687.6, 4123119.9, 93.8, 93.8, 0.0);
(592727.6, 4123119.9, 93.6, 93.6, 0.0); (592767.6, 4123119.9, 93.2, 93.2, 0.0);
(592807.6, 4123119.9, 92.9, 92.9, 0.0); (592847.6, 4123119.9, 92.6, 92.6, 0.0);
(592887.6, 4123119.9, 92.1, 92.1, 0.0); (592927.6, 4123119.9, 91.8, 91.8, 0.0);
(592967.6, 4123119.9, 91.5, 91.5, 0.0); (593007.6, 4123119.9, 91.3, 91.3, 0.0);
(593047.6, 4123119.9, 91.0, 91.0, 0.0); (593087.6, 4123119.9, 90.6, 90.6, 0.0);
(593127.6, 4123119.9, 90.1, 90.1, 0.0); (593167.6, 4123119.9, 89.7, 89.7, 0.0);
(593207.6, 4123119.9, 89.4, 89.4, 0.0); (593247.6, 4123119.9, 88.8, 88.8, 0.0);
(593287.6, 4123119.9, 88.8, 88.8, 0.0); (593327.6, 4123119.9, 88.2, 88.2, 0.0);
(593367.6, 4123119.9, 88.2, 88.2, 0.0); (593407.6,

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4123119.9,      87.7,      87.7,       0.0);
     ( 593447.6, 4123119.9,      87.6,      87.6,       0.0);         ( 593487.6,
4123119.9,      87.0,      87.0,       0.0);
     ( 593527.6, 4123119.9,      86.7,      86.7,       0.0);         ( 593567.6,
4123119.9,      85.9,      85.9,       0.0);
     ( 593607.6, 4123119.9,      85.8,      85.8,       0.0);         ( 593647.6,
4123119.9,      85.6,      85.6,       0.0);
     ( 593687.6, 4123119.9,      85.4,      85.4,       0.0);         ( 593727.6,
4123119.9,      85.2,      85.2,       0.0);
     ( 593767.6, 4123119.9,      84.9,      84.9,       0.0);         ( 593807.6,
4123119.9,      84.3,      84.3,       0.0);
     ( 593847.6, 4123119.9,      83.6,      83.6,       0.0);         ( 593887.6,
4123119.9,      83.5,      83.5,       0.0);
     ( 593927.6, 4123119.9,      83.4,      83.4,       0.0);         ( 593967.6,
4123119.9,      83.0,      83.0,       0.0);
     ( 594007.6, 4123119.9,      83.3,      83.3,       0.0);         ( 592567.6,
4123159.9,      90.9,      90.9,       0.0);
     ( 592607.6, 4123159.9,      90.8,      90.8,       0.0);         ( 592647.6,
4123159.9,      91.1,      91.1,       0.0);
     ( 592687.6, 4123159.9,      93.0,      93.0,       0.0);         ( 592727.6,
4123159.9,      93.2,      93.2,       0.0);
     ( 592767.6, 4123159.9,      93.0,      93.0,       0.0);         ( 592807.6,
4123159.9,      92.7,      92.7,       0.0);
     ( 592847.6, 4123159.9,      92.4,      92.4,       0.0);         ( 592887.6,
4123159.9,      92.0,      92.0,       0.0);
     ( 592927.6, 4123159.9,      91.6,      91.6,       0.0);         ( 592967.6,
4123159.9,      91.3,      91.3,       0.0);
     ( 593007.6, 4123159.9,      90.9,      90.9,       0.0);         ( 593047.6,
4123159.9,      90.9,      90.9,       0.0);
     ( 593087.6, 4123159.9,      90.6,      90.6,       0.0);         ( 593127.6,
4123159.9,      90.2,      90.2,       0.0);
     ( 593167.6, 4123159.9,      89.6,      89.6,       0.0);         ( 593207.6,
4123159.9,      89.2,      89.2,       0.0);
     ( 593247.6, 4123159.9,      88.7,      88.7,       0.0);         ( 593287.6,
4123159.9,      88.6,      88.6,       0.0);
     ( 593327.6, 4123159.9,      88.3,      88.3,       0.0);         ( 593367.6,
4123159.9,      88.0,      88.0,       0.0);
     ( 593407.6, 4123159.9,      87.6,      87.6,       0.0);         ( 593447.6,
4123159.9,      87.3,      87.3,       0.0);
     ( 593487.6, 4123159.9,      86.9,      86.9,       0.0);         ( 593527.6,
4123159.9,      86.4,      86.4,       0.0);
     ( 593567.6, 4123159.9,      85.6,      85.6,       0.0);         ( 593607.6,
4123159.9,      85.6,      85.6,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                   PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593647.6, 4123159.9, 85.4, 85.4, 0.0); (593687.6, 4123159.9, 85.2, 85.2, 0.0);
(593727.6, 4123159.9, 84.9, 84.9, 0.0); (593767.6, 4123159.9, 84.7, 84.7, 0.0);
(593807.6, 4123159.9, 84.2, 84.2, 0.0); (593847.6, 4123159.9, 83.5, 83.5, 0.0);
(593887.6, 4123159.9, 83.1, 83.1, 0.0); (593927.6, 4123159.9, 82.8, 82.8, 0.0);
(593967.6, 4123159.9, 82.5, 82.5, 0.0); (594007.6, 4123159.9, 82.7, 82.7, 0.0);
(592567.6, 4123199.9, 90.8, 90.8, 0.0); (592607.6, 4123199.9, 90.6, 90.6, 0.0);
(592647.6, 4123199.9, 90.5, 90.5, 0.0); (592687.6, 4123199.9, 91.6, 91.6, 0.0);
(592727.6, 4123199.9, 92.8, 92.8, 0.0); (592767.6, 4123199.9, 92.7, 92.7, 0.0);
(592807.6, 4123199.9, 92.4, 92.4, 0.0); (592847.6, 4123199.9, 91.9, 91.9, 0.0);
(592887.6, 4123199.9, 91.6, 91.6, 0.0); (592927.6, 4123199.9, 91.2, 91.2, 0.0);
(592967.6, 4123199.9, 90.8, 90.8, 0.0); (593007.6, 4123199.9, 90.7, 90.7, 0.0);
(593047.6, 4123199.9, 90.4, 90.4, 0.0); (593087.6, 4123199.9, 90.1, 90.1, 0.0);
(593127.6, 4123199.9, 90.1, 90.1, 0.0); (593167.6, 4123199.9, 89.5, 89.5, 0.0);
(593207.6, 4123199.9, 89.0, 89.0, 0.0); (593247.6, 4123199.9, 88.6, 88.6, 0.0);
(593287.6, 4123199.9, 88.4, 88.4, 0.0); (593327.6, 4123199.9, 88.0, 88.0, 0.0);
(593367.6, 4123199.9, 87.8, 87.8, 0.0); (593407.6, 4123199.9, 87.4, 87.4, 0.0);
(593447.6, 4123199.9, 87.1, 87.1, 0.0); (593487.6, 4123199.9, 86.9, 86.9, 0.0);
(593527.6, 4123199.9, 86.1, 86.1, 0.0); (593567.6, 4123199.9, 85.6, 85.6, 0.0);
(593607.6, 4123199.9, 85.5, 85.5, 0.0); (593647.6, 4123199.9, 85.4, 85.4, 0.0);
(593687.6, 4123199.9, 84.7, 84.7, 0.0); (593727.6, 4123199.9, 84.5, 84.5, 0.0);
(593767.6, 4123199.9, 84.3, 84.3, 0.0); (593807.6, 4123199.9, 83.9, 83.9, 0.0);
(593847.6, 4123199.9, 83.5, 83.5, 0.0); (593887.6, 4123199.9, 83.1, 83.1, 0.0);
(593927.6, 4123199.9, 82.6, 82.6, 0.0); (593967.6,

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4123199.9,      82.3,      82.3,       0.0);
     ( 594007.6, 4123199.9,      82.2,      82.2,       0.0);         ( 592567.6,
4123239.9,      90.8,      90.8,       0.0);
     ( 592607.6, 4123239.9,      90.5,      90.5,       0.0);         ( 592647.6,
4123239.9,      89.9,      89.9,       0.0);
     ( 592687.6, 4123239.9,      90.2,      90.2,       0.0);         ( 592727.6,
4123239.9,      91.5,      91.5,       0.0);
     ( 592767.6, 4123239.9,      92.3,      92.3,       0.0);         ( 592807.6,
4123239.9,      92.1,      92.1,       0.0);
     ( 592847.6, 4123239.9,      91.8,      91.8,       0.0);         ( 592887.6,
4123239.9,      92.0,      92.0,       0.0);
     ( 592927.6, 4123239.9,      91.5,      91.5,       0.0);         ( 592967.6,
4123239.9,      90.6,      90.6,       0.0);
     ( 593007.6, 4123239.9,      90.4,      90.4,       0.0);         ( 593047.6,
4123239.9,      90.0,      90.0,       0.0);
     ( 593087.6, 4123239.9,      89.7,      89.7,       0.0);         ( 593127.6,
4123239.9,      89.4,      89.4,       0.0);
     ( 593167.6, 4123239.9,      89.0,      89.0,       0.0);         ( 593207.6,
4123239.9,      88.7,      88.7,       0.0);
     ( 593247.6, 4123239.9,      88.4,      88.4,       0.0);         ( 593287.6,
4123239.9,      88.0,      88.0,       0.0);
     ( 593327.6, 4123239.9,      87.6,      87.6,       0.0);         ( 593367.6,
4123239.9,      87.3,      87.3,       0.0);
     ( 593407.6, 4123239.9,      86.8,      86.8,       0.0);         ( 593447.6,
4123239.9,      86.5,      86.5,       0.0);
     ( 593487.6, 4123239.9,      86.4,      86.4,       0.0);         ( 593527.6,
4123239.9,      85.9,      85.9,       0.0);
     ( 593567.6, 4123239.9,      85.5,      85.5,       0.0);         ( 593607.6,
4123239.9,      85.2,      85.2,       0.0);
     ( 593647.6, 4123239.9,      84.8,      84.8,       0.0);         ( 593687.6,
4123239.9,      84.6,      84.6,       0.0);
     ( 593727.6, 4123239.9,      84.4,      84.4,       0.0);         ( 593767.6,
4123239.9,      84.1,      84.1,       0.0);
     ( 593807.6, 4123239.9,      83.8,      83.8,       0.0);         ( 593847.6,
4123239.9,      83.7,      83.7,       0.0);
     ( 593887.6, 4123239.9,      83.3,      83.3,       0.0);         ( 593927.6,
4123239.9,      82.7,      82.7,       0.0);
     ( 593967.6, 4123239.9,      82.1,      82.1,       0.0);         ( 594007.6,
4123239.9,      81.8,      81.8,       0.0);
     ( 592567.6, 4123279.9,      90.5,      90.5,       0.0);         ( 592607.6,
4123279.9,      90.0,      90.0,       0.0);
     ( 592647.6, 4123279.9,      89.4,      89.4,       0.0);         ( 592687.6,
4123279.9,      89.4,      89.4,       0.0);
     ( 592727.6, 4123279.9,      90.0,      90.0,       0.0);         ( 592767.6,
4123279.9,      91.4,      91.4,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc                ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592807.6, 4123279.9, 91.8, 91.8, 0.0); (592847.6, 4123279.9, 91.7, 91.7, 0.0);
(592887.6, 4123279.9, 92.1, 92.1, 0.0); (592927.6, 4123279.9, 91.4, 91.4, 0.0);
(592967.6, 4123279.9, 90.6, 90.6, 0.0); (593007.6, 4123279.9, 90.3, 90.3, 0.0);
(593047.6, 4123279.9, 90.0, 90.0, 0.0); (593087.6, 4123279.9, 89.6, 89.6, 0.0);
(593127.6, 4123279.9, 88.9, 88.9, 0.0); (593167.6, 4123279.9, 88.6, 88.6, 0.0);
(593207.6, 4123279.9, 88.6, 88.6, 0.0); (593247.6, 4123279.9, 88.5, 88.5, 0.0);
(593287.6, 4123279.9, 88.0, 88.0, 0.0); (593327.6, 4123279.9, 87.6, 87.6, 0.0);
(593367.6, 4123279.9, 87.0, 87.0, 0.0); (593407.6, 4123279.9, 85.1, 85.1, 0.0);
(593447.6, 4123279.9, 85.5, 85.5, 0.0); (593487.6, 4123279.9, 86.7, 86.7, 0.0);
(593527.6, 4123279.9, 86.1, 86.1, 0.0); (593567.6, 4123279.9, 85.7, 85.7, 0.0);
(593607.6, 4123279.9, 85.2, 85.2, 0.0); (593647.6, 4123279.9, 84.4, 84.4, 0.0);
(593687.6, 4123279.9, 84.3, 84.3, 0.0); (593727.6, 4123279.9, 84.2, 84.2, 0.0);
(593767.6, 4123279.9, 83.8, 83.8, 0.0); (593807.6, 4123279.9, 83.5, 83.5, 0.0);
(593847.6, 4123279.9, 83.3, 83.3, 0.0); (593887.6, 4123279.9, 82.8, 82.8, 0.0);
(593927.6, 4123279.9, 82.4, 82.4, 0.0); (593967.6, 4123279.9, 81.9, 81.9, 0.0);
(594007.6, 4123279.9, 82.1, 82.1, 0.0); (592567.6, 4123319.9, 89.6, 89.6, 0.0);
(592607.6, 4123319.9, 89.4, 89.4, 0.0); (592647.6, 4123319.9, 89.2, 89.2, 0.0);
(592687.6, 4123319.9, 89.1, 89.1, 0.0); (592727.6, 4123319.9, 89.1, 89.1, 0.0);
(592767.6, 4123319.9, 89.9, 89.9, 0.0); (592807.6, 4123319.9, 91.4, 91.4, 0.0);
(592847.6, 4123319.9, 91.5, 91.5, 0.0); (592887.6, 4123319.9, 91.8, 91.8, 0.0);
(592927.6, 4123319.9, 90.9, 90.9, 0.0); (592967.6, 4123319.9, 90.5, 90.5, 0.0);
(593007.6, 4123319.9, 90.3, 90.3, 0.0); (593047.6,

```
4123319.9,      89.6,      89.6,       0.0);
     ( 593087.6, 4123319.9,      89.1,      89.1,       0.0);         ( 593127.6,
4123319.9,      88.6,      88.6,       0.0);
     ( 593167.6, 4123319.9,      88.3,      88.3,       0.0);         ( 593207.6,
4123319.9,      88.5,      88.5,       0.0);
     ( 593247.6, 4123319.9,      88.4,      88.4,       0.0);         ( 593287.6,
4123319.9,      87.7,      87.7,       0.0);
     ( 593327.6, 4123319.9,      87.3,      87.3,       0.0);         ( 593367.6,
4123319.9,      86.2,      86.2,       0.0);
     ( 593407.6, 4123319.9,      83.6,      83.6,       0.0);         ( 593447.6,
4123319.9,      85.1,      85.1,       0.0);
     ( 593487.6, 4123319.9,      86.5,      86.5,       0.0);         ( 593527.6,
4123319.9,      85.9,      85.9,       0.0);
     ( 593567.6, 4123319.9,      85.5,      85.5,       0.0);         ( 593607.6,
4123319.9,      85.1,      85.1,       0.0);
     ( 593647.6, 4123319.9,      84.3,      84.3,       0.0);         ( 593687.6,
4123319.9,      83.9,      83.9,       0.0);
     ( 593727.6, 4123319.9,      83.9,      83.9,       0.0);         ( 593767.6,
4123319.9,      83.5,      83.5,       0.0);
     ( 593807.6, 4123319.9,      83.2,      83.2,       0.0);         ( 593847.6,
4123319.9,      82.9,      82.9,       0.0);
     ( 593887.6, 4123319.9,      82.3,      82.3,       0.0);         ( 593927.6,
4123319.9,      82.0,      82.0,       0.0);
     ( 593967.6, 4123319.9,      81.6,      81.6,       0.0);         ( 594007.6,
4123319.9,      82.3,      82.3,       0.0);
     ( 592567.6, 4123359.9,      89.4,      89.4,       0.0);         ( 592607.6,
4123359.9,      89.1,      89.1,       0.0);
     ( 592647.6, 4123359.9,      89.0,      89.0,       0.0);         ( 592687.6,
4123359.9,      88.9,      88.9,       0.0);
     ( 592727.6, 4123359.9,      88.8,      88.8,       0.0);         ( 592767.6,
4123359.9,      88.9,      88.9,       0.0);
     ( 592807.6, 4123359.9,      90.2,      90.2,       0.0);         ( 592847.6,
4123359.9,      91.0,      91.0,       0.0);
     ( 592887.6, 4123359.9,      91.0,      91.0,       0.0);         ( 592927.6,
4123359.9,      90.1,      90.1,       0.0);
     ( 592967.6, 4123359.9,      90.0,      90.0,       0.0);         ( 593007.6,
4123359.9,      89.6,      89.6,       0.0);
     ( 593047.6, 4123359.9,      89.3,      89.3,       0.0);         ( 593087.6,
4123359.9,      88.8,      88.8,       0.0);
     ( 593127.6, 4123359.9,      88.4,      88.4,       0.0);         ( 593167.6,
4123359.9,      88.1,      88.1,       0.0);
     ( 593207.6, 4123359.9,      88.3,      88.3,       0.0);         ( 593247.6,
4123359.9,      88.2,      88.2,       0.0);
     ( 593287.6, 4123359.9,      87.5,      87.5,       0.0);         ( 593327.6,
4123359.9,      87.0,      87.0,       0.0);
     ( 593367.6, 4123359.9,      85.9,      85.9,       0.0);         ( 593407.6,
4123359.9,      83.1,      83.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593447.6, 4123359.9, 83.0, 83.0, 0.0); (593487.6, 4123359.9, 84.4, 84.4, 0.0);
(593527.6, 4123359.9, 85.3, 85.3, 0.0); (593567.6, 4123359.9, 85.2, 85.2, 0.0);
(593607.6, 4123359.9, 84.9, 84.9, 0.0); (593647.6, 4123359.9, 84.3, 84.3, 0.0);
(593687.6, 4123359.9, 83.8, 83.8, 0.0); (593727.6, 4123359.9, 83.7, 83.7, 0.0);
(593767.6, 4123359.9, 83.4, 83.4, 0.0); (593807.6, 4123359.9, 82.8, 82.8, 0.0);
(593847.6, 4123359.9, 82.4, 82.4, 0.0); (593887.6, 4123359.9, 82.1, 82.1, 0.0);
(593927.6, 4123359.9, 81.8, 81.8, 0.0); (593967.6, 4123359.9, 81.1, 81.1, 0.0);
(594007.6, 4123359.9, 80.3, 80.3, 0.0); (592567.6, 4123399.9, 89.2, 89.2, 0.0);
(592607.6, 4123399.9, 88.9, 88.9, 0.0); (592647.6, 4123399.9, 88.7, 88.7, 0.0);
(592687.6, 4123399.9, 88.7, 88.7, 0.0); (592727.6, 4123399.9, 88.3, 88.3, 0.0);
(592767.6, 4123399.9, 88.3, 88.3, 0.0); (592807.6, 4123399.9, 88.9, 88.9, 0.0);
(592847.6, 4123399.9, 90.3, 90.3, 0.0); (592887.6, 4123399.9, 90.5, 90.5, 0.0);
(592927.6, 4123399.9, 90.1, 90.1, 0.0); (592967.6, 4123399.9, 89.5, 89.5, 0.0);
(593007.6, 4123399.9, 89.3, 89.3, 0.0); (593047.6, 4123399.9, 89.2, 89.2, 0.0);
(593087.6, 4123399.9, 88.7, 88.7, 0.0); (593127.6, 4123399.9, 88.5, 88.5, 0.0);
(593167.6, 4123399.9, 87.9, 87.9, 0.0); (593207.6, 4123399.9, 87.8, 87.8, 0.0);
(593247.6, 4123399.9, 87.6, 87.6, 0.0); (593287.6, 4123399.9, 87.3, 87.3, 0.0);
(593327.6, 4123399.9, 86.9, 86.9, 0.0); (593367.6, 4123399.9, 86.7, 86.7, 0.0);
(593407.6, 4123399.9, 85.9, 85.9, 0.0); (593447.6, 4123399.9, 85.6, 85.6, 0.0);
(593487.6, 4123399.9, 85.8, 85.8, 0.0); (593527.6, 4123399.9, 85.5, 85.5, 0.0);
(593567.6, 4123399.9, 85.4, 85.4, 0.0); (593607.6,

```
4123399.9,      85.0,      85.0,       0.0);
     ( 593647.6, 4123399.9,      84.4,      84.4,       0.0);         ( 593687.6,
4123399.9,      84.1,      84.1,       0.0);
     ( 593727.6, 4123399.9,      83.3,      83.3,       0.0);         ( 593767.6,
4123399.9,      82.6,      82.6,       0.0);
     ( 593807.6, 4123399.9,      81.8,      81.8,       0.0);         ( 593847.6,
4123399.9,      81.0,      81.0,       0.0);
     ( 593887.6, 4123399.9,      80.0,      80.0,       0.0);         ( 593927.6,
4123399.9,      79.0,      79.0,       0.0);
     ( 593967.6, 4123399.9,      78.1,      78.1,       0.0);         ( 594007.6,
4123399.9,      77.6,      77.6,       0.0);
     ( 592567.6, 4123439.9,      88.9,      88.9,       0.0);         ( 592607.6,
4123439.9,      88.7,      88.7,       0.0);
     ( 592647.6, 4123439.9,      88.5,      88.5,       0.0);         ( 592687.6,
4123439.9,      88.3,      88.3,       0.0);
     ( 592727.6, 4123439.9,      87.9,      87.9,       0.0);         ( 592767.6,
4123439.9,      87.9,      87.9,       0.0);
     ( 592807.6, 4123439.9,      88.1,      88.1,       0.0);         ( 592847.6,
4123439.9,      89.5,      89.5,       0.0);
     ( 592887.6, 4123439.9,      90.1,      90.1,       0.0);         ( 592927.6,
4123439.9,      89.7,      89.7,       0.0);
     ( 592967.6, 4123439.9,      89.3,      89.3,       0.0);         ( 593007.6,
4123439.9,      89.1,      89.1,       0.0);
     ( 593047.6, 4123439.9,      88.8,      88.8,       0.0);         ( 593087.6,
4123439.9,      88.8,      88.8,       0.0);
     ( 593127.6, 4123439.9,      89.0,      89.0,       0.0);         ( 593167.6,
4123439.9,      88.0,      88.0,       0.0);
     ( 593207.6, 4123439.9,      87.7,      87.7,       0.0);         ( 593247.6,
4123439.9,      87.5,      87.5,       0.0);
     ( 593287.6, 4123439.9,      87.3,      87.3,       0.0);         ( 593327.6,
4123439.9,      87.0,      87.0,       0.0);
     ( 593367.6, 4123439.9,      87.0,      87.0,       0.0);         ( 593407.6,
4123439.9,      87.0,      87.0,       0.0);
     ( 593447.6, 4123439.9,      86.7,      86.7,       0.0);         ( 593487.6,
4123439.9,      86.0,      86.0,       0.0);
     ( 593527.6, 4123439.9,      85.1,      85.1,       0.0);         ( 593567.6,
4123439.9,      84.5,      84.5,       0.0);
     ( 593607.6, 4123439.9,      83.5,      83.5,       0.0);         ( 593647.6,
4123439.9,      82.4,      82.4,       0.0);
     ( 593687.6, 4123439.9,      81.7,      81.7,       0.0);         ( 593727.6,
4123439.9,      80.8,      80.8,       0.0);
     ( 593767.6, 4123439.9,      80.0,      80.0,       0.0);         ( 593807.6,
4123439.9,      79.4,      79.4,       0.0);
     ( 593847.6, 4123439.9,      79.2,      79.2,       0.0);         ( 593887.6,
4123439.9,      79.3,      79.3,       0.0);
     ( 593927.6, 4123439.9,      79.6,      79.6,       0.0);         ( 593967.6,
4123439.9,      79.7,      81.3,       0.0);
     ( 594007.6, 4123439.9,      79.9,      79.9,       0.0);         ( 592567.6,
4123479.9,      87.9,      87.9,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592607.6, 4123479.9, 88.3, 88.3, 0.0); (592647.6, 4123479.9, 88.1, 88.1, 0.0);
(592687.6, 4123479.9, 87.9, 87.9, 0.0); (592727.6, 4123479.9, 87.7, 87.7, 0.0);
(592767.6, 4123479.9, 87.7, 87.7, 0.0); (592807.6, 4123479.9, 87.6, 87.6, 0.0);
(592847.6, 4123479.9, 88.6, 88.6, 0.0); (592887.6, 4123479.9, 89.6, 89.6, 0.0);
(592927.6, 4123479.9, 89.5, 89.5, 0.0); (592967.6, 4123479.9, 89.5, 89.5, 0.0);
(593007.6, 4123479.9, 89.2, 89.2, 0.0); (593047.6, 4123479.9, 88.9, 88.9, 0.0);
(593087.6, 4123479.9, 88.5, 88.5, 0.0); (593127.6, 4123479.9, 88.0, 88.0, 0.0);
(593167.6, 4123479.9, 87.9, 87.9, 0.0); (593207.6, 4123479.9, 87.6, 87.6, 0.0);
(593247.6, 4123479.9, 87.3, 87.3, 0.0); (593287.6, 4123479.9, 87.3, 87.3, 0.0);
(593327.6, 4123479.9, 87.1, 87.1, 0.0); (593367.6, 4123479.9, 86.2, 86.2, 0.0);
(593407.6, 4123479.9, 84.9, 84.9, 0.0); (593447.6, 4123479.9, 83.5, 86.7, 0.0);
(593487.6, 4123479.9, 82.4, 86.3, 0.0); (593527.6, 4123479.9, 81.7, 84.9, 0.0);
(593567.6, 4123479.9, 81.2, 81.2, 0.0); (593607.6, 4123479.9, 80.8, 80.8, 0.0);
(593647.6, 4123479.9, 80.5, 80.5, 0.0); (593687.6, 4123479.9, 80.5, 80.5, 0.0);
(593727.6, 4123479.9, 80.5, 80.5, 0.0); (593767.6, 4123479.9, 81.0, 81.0, 0.0);
(593807.6, 4123479.9, 81.8, 81.8, 0.0); (593847.6, 4123479.9, 81.9, 81.9, 0.0);
(593887.6, 4123479.9, 81.6, 81.6, 0.0); (593927.6, 4123479.9, 81.3, 81.3, 0.0);
(593967.6, 4123479.9, 80.8, 80.8, 0.0); (594007.6, 4123479.9, 80.6, 80.6, 0.0);
(592567.6, 4123519.9, 88.0, 88.0, 0.0); (592607.6, 4123519.9, 87.6, 87.6, 0.0);
(592647.6, 4123519.9, 87.8, 87.8, 0.0); (592687.6,

4123519.9,   87.6,   87.6,   0.0);
     (592727.6, 4123519.9,   87.5,   87.5,   0.0);   (592767.6,
4123519.9,   87.4,   87.4,   0.0);
     (592807.6, 4123519.9,   87.4,   87.4,   0.0);   (592847.6,
4123519.9,   87.5,   87.5,   0.0);
     (592887.6, 4123519.9,   88.8,   88.8,   0.0);   (592927.6,
4123519.9,   89.1,   89.1,   0.0);
     (592967.6, 4123519.9,   88.9,   88.9,   0.0);   (593007.6,
4123519.9,   88.4,   88.4,   0.0);
     (593047.6, 4123519.9,   87.9,   87.9,   0.0);   (593087.6,
4123519.9,   87.3,   87.3,   0.0);
     (593127.6, 4123519.9,   86.7,   87.8,   0.0);   (593167.6,
4123519.9,   86.1,   86.1,   0.0);
     (593207.6, 4123519.9,   85.6,   87.2,   0.0);   (593247.6,
4123519.9,   84.9,   86.1,   0.0);
     (593287.6, 4123519.9,   84.1,   84.1,   0.0);   (593327.6,
4123519.9,   83.3,   83.3,   0.0);
     (593367.6, 4123519.9,   82.6,   82.6,   0.0);   (593407.6,
4123519.9,   82.3,   82.3,   0.0);
     (593447.6, 4123519.9,   82.0,   82.0,   0.0);   (593487.6,
4123519.9,   81.8,   81.8,   0.0);
     (593527.6, 4123519.9,   81.7,   81.7,   0.0);   (593567.6,
4123519.9,   81.8,   81.8,   0.0);
     (593607.6, 4123519.9,   82.3,   82.3,   0.0);   (593647.6,
4123519.9,   83.0,   83.0,   0.0);
     (593687.6, 4123519.9,   83.2,   83.2,   0.0);   (593727.6,
4123519.9,   83.0,   83.0,   0.0);
     (593767.6, 4123519.9,   82.9,   82.9,   0.0);   (593807.6,
4123519.9,   82.0,   82.0,   0.0);
     (593847.6, 4123519.9,   81.8,   81.8,   0.0);   (593887.6,
4123519.9,   81.1,   81.1,   0.0);
     (593927.6, 4123519.9,   80.9,   80.9,   0.0);   (593967.6,
4123519.9,   80.2,   80.2,   0.0);
     (594007.6, 4123519.9,   80.1,   80.1,   0.0);   (592567.6,
4123559.9,   88.9,   88.9,   0.0);
     (592607.6, 4123559.9,   88.0,   88.0,   0.0);   (592647.6,
4123559.9,   87.3,   87.3,   0.0);
     (592687.6, 4123559.9,   87.1,   87.1,   0.0);   (592727.6,
4123559.9,   87.0,   87.0,   0.0);
     (592767.6, 4123559.9,   86.8,   86.8,   0.0);   (592807.6,
4123559.9,   86.5,   86.5,   0.0);
     (592847.6, 4123559.9,   86.2,   86.2,   0.0);   (592887.6,
4123559.9,   86.0,   89.1,   0.0);
     (592927.6, 4123559.9,   84.8,   89.1,   0.0);   (592967.6,
4123559.9,   83.4,   89.5,   0.0);
     (593007.6, 4123559.9,   82.3,   89.5,   0.0);   (593047.6,
4123559.9,   81.9,   89.4,   0.0);
     (593087.6, 4123559.9,   81.9,   88.9,   0.0);   (593127.6,
4123559.9,   82.0,   88.2,   0.0);
     (593167.6, 4123559.9,   82.1,   87.4,   0.0);   (593207.6,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (593247.6, 4123559.9,   82.3,   82.3,   0.0);   (593287.6, 4123559.9,   82.4,   82.4,   0.0);
     (593327.6, 4123559.9,   82.5,   82.5,   0.0);   (593367.6, 4123559.9,   82.5,   82.5,   0.0);
     (593407.6, 4123559.9,   82.6,   82.6,   0.0);   (593447.6, 4123559.9,   82.8,   82.8,   0.0);
     (593487.6, 4123559.9,   82.9,   82.9,   0.0);   (593527.6, 4123559.9,   83.1,   83.1,   0.0);
     (593567.6, 4123559.9,   83.6,   83.6,   0.0);   (593607.6, 4123559.9,   83.4,   83.4,   0.0);
     (593647.6, 4123559.9,   83.3,   83.3,   0.0);   (593687.6, 4123559.9,   83.1,   83.1,   0.0);
     (593727.6, 4123559.9,   82.8,   82.8,   0.0);   (593767.6, 4123559.9,   82.4,   82.4,   0.0);
     (593807.6, 4123559.9,   81.5,   81.5,   0.0);   (593847.6, 4123559.9,   81.3,   81.3,   0.0);
     (593887.6, 4123559.9,   80.6,   80.6,   0.0);   (593927.6, 4123559.9,   80.4,   80.4,   0.0);
     (593967.6, 4123559.9,   79.7,   79.7,   0.0);   (594007.6, 4123559.9,   79.6,   79.6,   0.0);
     (592567.6, 4123599.9,   88.5,   88.5,   0.0);   (592607.6, 4123599.9,   87.9,   87.9,   0.0);
     (592647.6, 4123599.9,   87.7,   87.7,   0.0);   (592687.6, 4123599.9,   87.5,   87.5,   0.0);
     (592727.6, 4123599.9,   87.5,   87.5,   0.0);   (592767.6, 4123599.9,   87.2,   87.2,   0.0);
     (592807.6, 4123599.9,   84.4,   84.9,   0.0);   (592847.6, 4123599.9,   82.1,   86.2,   0.0);
     (592887.6, 4123599.9,   80.1,   89.1,   0.0);   (592927.6, 4123599.9,   78.9,   89.4,   0.0);
     (592967.6, 4123599.9,   78.6,   89.5,   0.0);   (593007.6, 4123599.9,   78.9,   89.5,   0.0);
     (593047.6, 4123599.9,   79.3,   89.2,   0.0);   (593087.6, 4123599.9,   80.0,   80.0,   0.0);
     (593127.6, 4123599.9,   80.6,   80.6,   0.0);   (593167.6, 4123599.9,   81.2,   81.2,   0.0);
     (593207.6, 4123599.9,   82.0,   82.0,   0.0);   (593247.6,

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4123599.9,      82.7,      82.7,       0.0);
     ( 593287.6, 4123599.9,      83.2,      83.2,       0.0);         ( 593327.6,
4123599.9,      83.6,      83.6,       0.0);
     ( 593367.6, 4123599.9,      84.1,      84.1,       0.0);         ( 593407.6,
4123599.9,      84.3,      84.3,       0.0);
     ( 593447.6, 4123599.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123599.9,      83.9,      83.9,       0.0);
     ( 593527.6, 4123599.9,      83.4,      83.4,       0.0);         ( 593567.6,
4123599.9,      83.5,      83.5,       0.0);
     ( 593607.6, 4123599.9,      83.0,      83.0,       0.0);         ( 593647.6,
4123599.9,      83.0,      83.0,       0.0);
     ( 593687.6, 4123599.9,      83.1,      83.1,       0.0);         ( 593727.6,
4123599.9,      82.5,      82.5,       0.0);
     ( 593767.6, 4123599.9,      82.0,      82.0,       0.0);         ( 593807.6,
4123599.9,      81.5,      81.5,       0.0);
     ( 593847.6, 4123599.9,      81.0,      81.0,       0.0);         ( 593887.6,
4123599.9,      80.2,      80.2,       0.0);
     ( 593927.6, 4123599.9,      80.2,      80.2,       0.0);         ( 593967.6,
4123599.9,      79.4,      79.4,       0.0);
     ( 594007.6, 4123599.9,      79.4,      79.4,       0.0);         ( 593087.6,
4123639.9,      81.7,      88.6,       0.0);
     ( 593127.6, 4123639.9,      83.2,      87.3,       0.0);         ( 593167.6,
4123639.9,      84.5,      84.5,       0.0);
     ( 593207.6, 4123639.9,      85.0,      85.0,       0.0);         ( 593247.6,
4123639.9,      85.3,      85.3,       0.0);
     ( 593287.6, 4123639.9,      85.0,      85.0,       0.0);         ( 593327.6,
4123639.9,      85.0,      85.0,       0.0);
     ( 593367.6, 4123639.9,      84.5,      84.5,       0.0);         ( 593407.6,
4123639.9,      84.4,      84.4,       0.0);
     ( 593447.6, 4123639.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123639.9,      83.7,      83.7,       0.0);
     ( 593527.6, 4123639.9,      83.3,      83.3,       0.0);         ( 593567.6,
4123639.9,      83.0,      83.0,       0.0);
     ( 593607.6, 4123639.9,      82.9,      82.9,       0.0);         ( 593647.6,
4123639.9,      82.3,      82.3,       0.0);
     ( 593687.6, 4123639.9,      82.7,      82.7,       0.0);         ( 593727.6,
4123639.9,      82.2,      82.2,       0.0);
     ( 593767.6, 4123639.9,      82.1,      82.1,       0.0);         ( 593807.6,
4123639.9,      81.4,      81.4,       0.0);
     ( 593847.6, 4123639.9,      81.1,      81.1,       0.0);         ( 593887.6,
4123639.9,      80.0,      80.0,       0.0);
     ( 593927.6, 4123639.9,      79.9,      79.9,       0.0);         ( 593967.6,
4123639.9,      79.2,      79.2,       0.0);
     ( 594007.6, 4123639.9,      79.0,      79.0,       0.0);         ( 593087.6,
4123679.9,      86.7,      88.6,       0.0);
     ( 593127.6, 4123679.9,      87.3,      87.3,       0.0);         ( 593167.6,
4123679.9,      86.5,      86.5,       0.0);
     ( 593207.6, 4123679.9,      85.9,      85.9,       0.0);         ( 593247.6,
4123679.9,      85.9,      85.9,       0.0);
     ( 593287.6, 4123679.9,      85.1,      85.1,       0.0);         ( 593327.6,
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4123679.9,   84.7,   84.7,   0.0);
     (593367.6, 4123679.9,   84.5,   84.5,   0.0);   (593407.6,
4123679.9,   84.1,   84.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (593447.6, 4123679.9,   83.9,   83.9,   0.0);   (593487.6,
4123679.9,   83.3,   83.3,   0.0);
     (593527.6, 4123679.9,   83.2,   83.2,   0.0);   (593567.6,
4123679.9,   82.6,   82.6,   0.0);
     (593607.6, 4123679.9,   82.6,   82.6,   0.0);   (593647.6,
4123679.9,   82.4,   82.4,   0.0);
     (593687.6, 4123679.9,   82.3,   82.3,   0.0);   (593727.6,
4123679.9,   82.1,   82.1,   0.0);
     (593767.6, 4123679.9,   81.9,   81.9,   0.0);   (593807.6,
4123679.9,   81.0,   81.0,   0.0);
     (593847.6, 4123679.9,   80.8,   80.8,   0.0);   (593887.6,
4123679.9,   79.7,   79.7,   0.0);
     (593927.6, 4123679.9,   79.7,   79.7,   0.0);   (593967.6,
4123679.9,   79.0,   79.0,   0.0);
     (594007.6, 4123679.9,   78.8,   78.8,   0.0);   (593087.6,
4123719.9,   87.0,   87.0,   0.0);
     (593127.6, 4123719.9,   86.4,   86.4,   0.0);   (593167.6,
4123719.9,   85.8,   85.8,   0.0);
     (593207.6, 4123719.9,   85.5,   85.5,   0.0);   (593247.6,
4123719.9,   85.5,   85.5,   0.0);
     (593287.6, 4123719.9,   85.0,   85.0,   0.0);   (593327.6,
4123719.9,   84.3,   84.3,   0.0);
     (593367.6, 4123719.9,   84.3,   84.3,   0.0);   (593407.6,
4123719.9,   83.8,   83.8,   0.0);
     (593447.6, 4123719.9,   83.6,   83.6,   0.0);   (593487.6,
4123719.9,   83.2,   83.2,   0.0);
     (593527.6, 4123719.9,   82.8,   82.8,   0.0);   (593567.6,
4123719.9,   82.7,   82.7,   0.0);
     (593607.6, 4123719.9,   82.1,   82.1,   0.0);   (593647.6,
4123719.9,   82.3,   82.3,   0.0);
     (593687.6, 4123719.9,   82.1,   82.1,   0.0);   (593727.6,
4123719.9,   81.6,   81.6,   0.0);
     (593767.6, 4123719.9,   81.4,   81.4,   0.0);   (593807.6,
4123719.9,   80.7,   80.7,   0.0);
     (593847.6, 4123719.9,   80.1,   80.1,   0.0);   (593887.6,

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4123719.9,      79.3,      79.3,       0.0);
     ( 593927.6, 4123719.9,      79.3,      79.3,       0.0);         ( 593967.6,
4123719.9,      78.9,      78.9,       0.0);
     ( 594007.6, 4123719.9,      78.6,      78.6,       0.0);         ( 593087.6,
4123759.9,      86.4,      86.4,       0.0);
     ( 593127.6, 4123759.9,      86.2,      86.2,       0.0);         ( 593167.6,
4123759.9,      85.9,      85.9,       0.0);
     ( 593207.6, 4123759.9,      85.0,      85.0,       0.0);         ( 593247.6,
4123759.9,      84.7,      84.7,       0.0);
     ( 593287.6, 4123759.9,      84.9,      84.9,       0.0);         ( 593327.6,
4123759.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123759.9,      83.7,      83.7,       0.0);         ( 593407.6,
4123759.9,      83.7,      83.7,       0.0);
     ( 593447.6, 4123759.9,      83.1,      83.1,       0.0);         ( 593487.6,
4123759.9,      83.1,      83.1,       0.0);
     ( 593527.6, 4123759.9,      82.5,      82.5,       0.0);         ( 593567.6,
4123759.9,      82.5,      82.5,       0.0);
     ( 593607.6, 4123759.9,      82.1,      82.1,       0.0);         ( 593647.6,
4123759.9,      81.8,      81.8,       0.0);
     ( 593687.6, 4123759.9,      81.8,      81.8,       0.0);         ( 593727.6,
4123759.9,      81.3,      81.3,       0.0);
     ( 593767.6, 4123759.9,      81.0,      81.0,       0.0);         ( 593807.6,
4123759.9,      80.1,      80.1,       0.0);
     ( 593847.6, 4123759.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123759.9,      79.6,      79.6,       0.0);
     ( 593927.6, 4123759.9,      79.1,      79.1,       0.0);         ( 593967.6,
4123759.9,      78.5,      78.5,       0.0);
     ( 594007.6, 4123759.9,      78.3,      78.3,       0.0);         ( 593087.6,
4123799.9,      86.0,      86.0,       0.0);
     ( 593127.6, 4123799.9,      85.8,      85.8,       0.0);         ( 593167.6,
4123799.9,      85.3,      85.3,       0.0);
     ( 593207.6, 4123799.9,      84.9,      84.9,       0.0);         ( 593247.6,
4123799.9,      84.5,      84.5,       0.0);
     ( 593287.6, 4123799.9,      84.4,      84.4,       0.0);         ( 593327.6,
4123799.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123799.9,      83.5,      83.5,       0.0);         ( 593407.6,
4123799.9,      83.4,      83.4,       0.0);
     ( 593447.6, 4123799.9,      83.1,      83.1,       0.0);         ( 593487.6,
4123799.9,      82.8,      82.8,       0.0);
     ( 593527.6, 4123799.9,      82.6,      82.6,       0.0);         ( 593567.6,
4123799.9,      82.1,      82.1,       0.0);
     ( 593607.6, 4123799.9,      82.2,      82.2,       0.0);         ( 593647.6,
4123799.9,      81.5,      81.5,       0.0);
     ( 593687.6, 4123799.9,      81.1,      81.1,       0.0);         ( 593727.6,
4123799.9,      81.4,      81.4,       0.0);
     ( 593767.6, 4123799.9,      80.4,      80.4,       0.0);         ( 593807.6,
4123799.9,      79.8,      79.8,       0.0);
     ( 593847.6, 4123799.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123799.9,      79.6,      79.6,       0.0);
     ( 593927.6, 4123799.9,      79.1,      79.1,       0.0);         ( 593967.6,
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4123799.9,   78.3,   78.3,   0.0);
     (594007.6, 4123799.9,   78.2,   78.2,   0.0);   (593087.6,
4123839.9,   85.5,   85.5,   0.0);
     (593127.6, 4123839.9,   85.4,   85.4,   0.0);   (593167.6,
4123839.9,   85.2,   85.2,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (593207.6, 4123839.9,   84.7,   84.7,   0.0);   (593247.6,
4123839.9,   84.2,   84.2,   0.0);
     (593287.6, 4123839.9,   84.0,   84.0,   0.0);   (593327.6,
4123839.9,   84.0,   84.0,   0.0);
     (593367.6, 4123839.9,   83.6,   83.6,   0.0);   (593407.6,
4123839.9,   83.1,   83.1,   0.0);
     (593447.6, 4123839.9,   83.0,   83.0,   0.0);   (593487.6,
4123839.9,   82.4,   82.4,   0.0);
     (593527.6, 4123839.9,   82.4,   82.4,   0.0);   (593567.6,
4123839.9,   81.8,   81.8,   0.0);
     (593607.6, 4123839.9,   81.7,   81.7,   0.0);   (593647.6,
4123839.9,   81.2,   81.2,   0.0);
     (593687.6, 4123839.9,   80.9,   80.9,   0.0);   (593727.6,
4123839.9,   81.1,   81.1,   0.0);
     (593767.6, 4123839.9,   80.2,   80.2,   0.0);   (593807.6,
4123839.9,   80.1,   80.1,   0.0);
     (593847.6, 4123839.9,   79.5,   79.5,   0.0);   (593887.6,
4123839.9,   79.1,   79.1,   0.0);
     (593927.6, 4123839.9,   78.4,   78.4,   0.0);   (593967.6,
4123839.9,   77.8,   77.8,   0.0);
     (594007.6, 4123839.9,   77.8,   77.8,   0.0);   (593087.6,
4123879.9,   85.2,   85.2,   0.0);
     (593127.6, 4123879.9,   85.1,   85.1,   0.0);   (593167.6,
4123879.9,   84.8,   84.8,   0.0);
     (593207.6, 4123879.9,   84.5,   84.5,   0.0);   (593247.6,
4123879.9,   84.4,   84.4,   0.0);
     (593287.6, 4123879.9,   83.6,   83.6,   0.0);   (593327.6,
4123879.9,   83.3,   83.3,   0.0);
     (593367.6, 4123879.9,   83.5,   83.5,   0.0);   (593407.6,
4123879.9,   82.9,   82.9,   0.0);
     (593447.6, 4123879.9,   82.5,   82.5,   0.0);   (593487.6,
4123879.9,   82.1,   82.1,   0.0);
     (593527.6, 4123879.9,   81.9,   81.9,   0.0);   (593567.6,

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4123879.9,      81.7,      81.7,       0.0);
     ( 593607.6, 4123879.9,      81.5,      81.5,       0.0);         ( 593647.6,
4123879.9,      81.3,      81.3,       0.0);
     ( 593687.6, 4123879.9,      80.6,      80.6,       0.0);         ( 593727.6,
4123879.9,      80.5,      80.5,       0.0);
     ( 593767.6, 4123879.9,      80.2,      80.2,       0.0);         ( 593807.6,
4123879.9,      80.2,      80.2,       0.0);
     ( 593847.6, 4123879.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123879.9,      78.7,      78.7,       0.0);
     ( 593927.6, 4123879.9,      78.1,      78.1,       0.0);         ( 593967.6,
4123879.9,      77.5,      77.5,       0.0);
     ( 594007.6, 4123879.9,      77.4,      77.4,       0.0);

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL


                              SOURCE          - - RECEPTOR LOCATION - -
DISTANCE
                                ID            XR (METERS)   YR (METERS)
(METERS)
                            - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

                              L0006750           592807.6     4123319.9
-7.79
                              L0006751           592807.6     4123319.9
-0.89
                              L0006752           592807.6     4123359.9
-1.67
                              L0006755           592847.6     4123399.9
-3.94
                              L0006756           592847.6     4123399.9
-12.01
                              L0006759           592887.6     4123439.9
-3.22
                              L0006761           592887.6     4123479.9
-5.91
                              L0006762           592887.6     4123479.9
-2.07
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	L0006764	592927.6	4123519.9
-3.10			
	L0006765	592927.6	4123519.9
-10.31			
	L0006767	592927.6	4123559.9
0.97			
	L0006689	592967.6	4123439.9
-3.19			
	L0006692	593007.6	4123479.9
-1.78			
	L0006698	593087.6	4123399.9
0.01			
	L0006699	593087.6	4123399.9
-14.66			
	L0006700	593087.6	4123399.9
0.22			
	L0006701	593087.6	4123359.9
-3.28			
	L0006702	593087.6	4123359.9
-0.75			
	L0006704	593127.6	4123319.9
0.30			
	L0006705	593127.6	4123319.9
-0.08			
	L0006706	593127.6	4123279.9
-1.60			
	L0006707	593127.6	4123279.9
-14.36			
	L0006710	593167.6	4123239.9
-6.16			
	L0006711	593167.6	4123239.9
-0.65			
	L0006712	593207.6	4123239.9
-0.98			
	L0006713	593207.6	4123239.9
-5.58			
	L0006715	593247.6	4123239.9
-5.53			
	L0006716	593247.6	4123239.9
-0.23			
	L0006717	593287.6	4123239.9
-0.54			
	L0006718	593287.6	4123239.9
-4.96			
	L0006720	593327.6	4123239.9
-4.89			
	L0006721	593327.6	4123239.9
0.20			
	L0006722	593367.6	4123239.9
-0.09			

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                                SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                                  ID   XR (METERS)   YR (METERS)
(METERS)
                               -
- - -

                              L0006733   593527.6   4123239.9
-3.06
                              L0006735   593567.6   4123239.9
-2.95
                              L0006738   593607.6   4123239.9
-2.29
                              L0006740   593647.6   4123279.9
0.28
                              L0006741   593647.6   4123279.9
-3.33
                              L0006742   593647.6   4123319.9
0.78
                              L0006743   593647.6   4123319.9
-1.77
                              L0006746   593687.6   4123359.9

-6.03
L0006747 593687.6 4123359.9
-2.79
L0006749 593687.6 4123399.9
-1.65
L0006637 593367.6 4123279.9
-5.13
L0006638 593367.6 4123279.9
-0.79
L0006641 593367.6 4123319.9
-0.56
L0006642 593367.6 4123319.9
-3.59
L0006646 593367.6 4123359.9
-1.83
L0006647 593367.6 4123359.9
-0.43
L0006651 593367.6 4123399.9
-1.14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\Good Sam Phase I Cons\Good Sam Phase I Cons.SFC
Met Version: 18081
Profile file: ..\Good Sam Phase I Cons\Good Sam Phase I Cons.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23293 Upper air station no.: 23230
Name: SAN_JOSE_INT_AIRPORT Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-17.4	0.169	-9.000	-9.000	-999.	167.	31.4	0.02	2.57	1.00	2.62	136.	7.9	277.0	2.0
13	01	01	1	02	-12.5	0.137	-9.000	-9.000	-999.	122.	20.8	0.02	2.57	1.00	2.16	129.	7.9	277.0	2.0
13	01	01	1	03	-4.1	0.080	-9.000	-9.000	-999.	55.	11.3	0.05	2.57	1.00	1.14	227.	7.9	276.4	2.0
13	01	01	1	04	-6.8	0.103	-9.000	-9.000	-999.	80.	14.8	0.05	2.57	1.00	1.43	102.	7.9	276.4	2.0
13	01	01	1	05	-10.0	0.126	-9.000	-9.000	-999.	108.	18.3	0.05	2.57	1.00	1.72	79.	7.9	277.0	2.0
13	01	01	1	06	-6.3	0.096	-9.000	-9.000	-999.	71.	12.8	0.02	2.57	1.00	1.55	153.	7.9	277.5	2.0
13	01	01	1	07	-2.4	0.062	-9.000	-9.000	-999.	37.	9.0	0.02	2.57						

```
1.00    0.92  171.    7.9  277.5    2.0
 13 01 01   1 08   -7.0  0.105 -9.000 -9.000 -999.   82.     15.0  0.05   2.57
0.74    1.45    6.    7.9  277.5    2.0
 13 01 01   1 09   -0.3  0.039 -9.000 -9.000 -999.   21.     19.3  0.02   2.57
0.39    0.62  119.    7.9  279.2    2.0
 13 01 01   1 10   65.7  0.147  0.659  0.005  159.  135.     -4.4  0.05   2.57
0.27    1.37  228.    7.9  280.9    2.0
 13 01 01   1 11  118.0  0.197  1.211  0.006  550.  209.     -5.9  0.05   2.57
0.23    1.91  208.    7.9  281.4    2.0
 13 01 01   1 12  147.9  0.180  1.536  0.008  894.  184.     -3.6  0.05   2.57
0.21    1.64  225.    7.9  283.1    2.0
 13 01 01   1 13  152.7  0.150  1.579  0.007  941.  139.     -2.0  0.02   2.57
0.21    1.54  302.    7.9  283.8    2.0
 13 01 01   1 14  132.9  0.201  1.528  0.006  980.  216.     -5.6  0.05   2.57
0.22    1.94  277.    7.9  284.9    2.0
 13 01 01   1 15   89.1  0.138  1.349  0.005 1005.  124.     -2.7  0.02   2.57
0.25    1.48  308.    7.9  285.4    2.0
 13 01 01   1 16   25.1  0.174  0.887  0.005 1012.  174.    -19.0  0.05   2.57
0.33    1.86   10.    7.9  285.4    2.0
 13 01 01   1 17  -18.7  0.221 -9.000 -9.000 -999.  249.     53.5  0.05   2.57
0.57    2.89   12.    7.9  283.8    2.0
 13 01 01   1 18  -15.5  0.159 -9.000 -9.000 -999.  153.     27.9  0.05   2.57
1.00    2.13  353.    7.9  282.5    2.0
 13 01 01   1 19  -18.6  0.183 -9.000 -9.000 -999.  188.     36.9  0.05   2.57
1.00    2.50  225.    7.9  280.9    2.0
 13 01 01   1 20   -4.1  0.078 -9.000 -9.000 -999.   59.     10.5  0.02   2.57
1.00    1.26  136.    7.9  280.4    2.0
 13 01 01   1 21  -11.8  0.133 -9.000 -9.000 -999.  117.     19.6  0.02   2.57
1.00    2.10  125.    7.9  278.8    2.0
 13 01 01   1 22   -7.6  0.106 -9.000 -9.000 -999.   83.     14.3  0.02   2.57
1.00    1.70  110.    7.9  277.5    2.0
 13 01 01   1 23   -6.2  0.095 -9.000 -9.000 -999.   71.     12.7  0.02   2.57
1.00    1.54  146.    7.9  277.0    2.0
 13 01 01   1 24  -15.2  0.152 -9.000 -9.000 -999.  142.     25.4  0.02   2.57
1.00    2.37  130.    7.9  277.0    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01    7.9 1  136.    2.62   277.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592567.59	4122799.92	0.09667	592607.59	4122799.92	0.10277
592647.59	4122799.92	0.10850	592687.59	4122799.92	0.11900
592727.59	4122799.92	0.12651	592767.59	4122799.92	0.13504
592807.59	4122799.92	0.14498	592847.59	4122799.92	0.15181
592887.59	4122799.92	0.16381	592927.59	4122799.92	0.18398
592967.59	4122799.92	0.19765	593007.59	4122799.92	0.21127
593047.59	4122799.92	0.22707	593087.59	4122799.92	0.24294
593127.59	4122799.92	0.26040	593167.59	4122799.92	0.27896
593207.59	4122799.92	0.30238	593247.59	4122799.92	0.32674
593287.59	4122799.92	0.34940	593327.59	4122799.92	0.37501
593367.59	4122799.92	0.40412	593407.59	4122799.92	0.43561
593447.59	4122799.92	0.46637	593487.59	4122799.92	0.49798
593527.59	4122799.92	0.53088	593567.59	4122799.92	0.56356
593607.59	4122799.92	0.59410	593647.59	4122799.92	0.62109
593687.59	4122799.92	0.64323	593727.59		

4122799.92 0.66107
593767.59 4122799.92 0.67525 593807.59
4122799.92 0.68413
593847.59 4122799.92 0.68901 593887.59
4122799.92 0.68897
593927.59 4122799.92 0.68430 593967.59
4122799.92 0.67504
594007.59 4122799.92 0.66119 592567.59
4122839.92 0.10511
592607.59 4122839.92 0.11204 592647.59
4122839.92 0.11984
592687.59 4122839.92 0.12832 592727.59
4122839.92 0.13891
592767.59 4122839.92 0.15149 592807.59
4122839.92 0.16039
592847.59 4122839.92 0.16994 592887.59
4122839.92 0.18223
592927.59 4122839.92 0.20546 592967.59
4122839.92 0.22274
593007.59 4122839.92 0.24252 593047.59
4122839.92 0.26193
593087.59 4122839.92 0.27972 593127.59
4122839.92 0.30174
593167.59 4122839.92 0.32767 593207.59
4122839.92 0.35667
593247.59 4122839.92 0.38605 593287.59
4122839.92 0.41746
593327.59 4122839.92 0.45002 593367.59
4122839.92 0.48555
593407.59 4122839.92 0.52536 593447.59
4122839.92 0.56401
593487.59 4122839.92 0.60396 593527.59
4122839.92 0.64334
593567.59 4122839.92 0.68229 593607.59
4122839.92 0.71393
593647.59 4122839.92 0.74156 593687.59
4122839.92 0.76299
593727.59 4122839.92 0.77808 593767.59
4122839.92 0.78823
593807.59 4122839.92 0.79173 593847.59
4122839.92 0.79016
593887.59 4122839.92 0.78255 593927.59
4122839.92 0.76963
593967.59 4122839.92 0.75149 594007.59
4122839.92 0.72830
592567.59 4122879.92 0.11530 592607.59
4122879.92 0.12460
592647.59 4122879.92 0.13253 592687.59
4122879.92 0.14026
592727.59 4122879.92 0.15584 592767.59

4122879.92   0.16932

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S):   L0006750   , L0006751   , L0006752   , L0006753   , L0006754   ,
L0006755   , L0006756   , L0006757   , L0006758   , L0006759   , L0006760   , L0006761   , L0006762   ,
L0006763   , L0006764   , L0006765   , L0006766   , L0006767   , L0006768   , L0006769   , L0006686   ,
L0006687   , L0006688   , L0006689   , L0006690   , L0006691   , L0006692   , L0006693   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.17947	592847.59	4122879.92	0.19630
592887.59	4122879.92	0.21858	592927.59	4122879.92	0.23676
592967.59	4122879.92	0.25613	593007.59	4122879.92	0.27842
593047.59	4122879.92	0.30271	593087.59	4122879.92	0.32711
593127.59	4122879.92	0.35434	593167.59	4122879.92	0.38980
593207.59	4122879.92	0.42383	593247.59	4122879.92	0.46401
593287.59	4122879.92	0.50433	593327.59	4122879.92	0.54725
593367.59	4122879.92	0.59321	593407.59	4122879.92	0.64347
593447.59	4122879.92	0.69305	593487.59	4122879.92	0.74256
593527.59	4122879.92	0.79100	593567.59	4122879.92	0.83153

593607.59 4122879.92 0.86418 593647.59 4122879.92 0.89048
593687.59 4122879.92 0.90859 593727.59 4122879.92 0.91859
593767.59 4122879.92 0.92150 593807.59 4122879.92 0.91655
593847.59 4122879.92 0.90501 593887.59 4122879.92 0.88660
593927.59 4122879.92 0.86210 593967.59 4122879.92 0.83193
594007.59 4122879.92 0.79658 592567.59 4122919.92 0.12683
592607.59 4122919.92 0.13691 592647.59 4122919.92 0.14943
592687.59 4122919.92 0.16247 592727.59 4122919.92 0.17695
592767.59 4122919.92 0.19117 592807.59 4122919.92 0.20420
592847.59 4122919.92 0.23045 592887.59 4122919.92 0.24862
592927.59 4122919.92 0.27463 592967.59 4122919.92 0.29985
593007.59 4122919.92 0.32594 593047.59 4122919.92 0.35485
593087.59 4122919.92 0.38860 593127.59 4122919.92 0.42545
593167.59 4122919.92 0.47326 593207.59 4122919.92 0.51530
593247.59 4122919.92 0.56665 593287.59 4122919.92 0.61789
593327.59 4122919.92 0.67773 593367.59 4122919.92 0.73847
593407.59 4122919.92 0.80422 593447.59 4122919.92 0.86935
593487.59 4122919.92 0.93035 593527.59 4122919.92 0.98180
593567.59 4122919.92 1.02392 593607.59 4122919.92 1.05433
593647.59 4122919.92 1.07483 593687.59 4122919.92 1.08543
593727.59 4122919.92 1.08613 593767.59 4122919.92 1.07777
593807.59 4122919.92 1.06041 593847.59 4122919.92 1.03459
593887.59 4122919.92 1.00103 593927.59 4122919.92 0.96053
593967.59 4122919.92 0.91426 594007.59 4122919.92 0.86336
592567.59 4122959.92 0.14703 592607.59 4122959.92 0.15531

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         592647.59    4122959.92        0.16941                      592687.59
4122959.92        0.18344
         592727.59    4122959.92        0.20181                      592767.59
4122959.92        0.21806
         592807.59    4122959.92        0.23528                      592847.59
4122959.92        0.26527
         592887.59    4122959.92        0.28836                      592927.59
4122959.92        0.31714
         592967.59    4122959.92        0.35040                      593007.59
4122959.92        0.38778
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         593047.59    4122959.92        0.42853                      593087.59
4122959.92        0.47108
         593127.59    4122959.92        0.52425                      593167.59
4122959.92        0.58352
         593207.59    4122959.92        0.64045                      593247.59
4122959.92        0.70776
         593287.59    4122959.92        0.77702                      593327.59
4122959.92        0.85945
         593367.59    4122959.92        0.94166                      593407.59
4122959.92        1.02978
         593447.59    4122959.92        1.10946                      593487.59
```

4122959.92 1.17995
593527.59 4122959.92 1.23304 593567.59
4122959.92 1.27259
593607.59 4122959.92 1.29397 593647.59
4122959.92 1.30213
593687.59 4122959.92 1.29908 593727.59
4122959.92 1.28506
593767.59 4122959.92 1.26039 593807.59
4122959.92 1.22488
593847.59 4122959.92 1.17954 593887.59
4122959.92 1.12476
593927.59 4122959.92 1.06244 593967.59
4122959.92 0.99519
594007.59 4122959.92 0.92465 592567.59
4122999.92 0.17903
592607.59 4122999.92 0.17625 592647.59
4122999.92 0.19058
592687.59 4122999.92 0.20806 592727.59
4122999.92 0.22958
592767.59 4122999.92 0.25387 592807.59
4122999.92 0.28034
592847.59 4122999.92 0.30841 592887.59
4122999.92 0.33876
592927.59 4122999.92 0.37613 592967.59
4122999.92 0.41974
593007.59 4122999.92 0.47031 593047.59
4122999.92 0.52640
593087.59 4122999.92 0.58434 593127.59
4122999.92 0.65832
593167.59 4122999.92 0.73388 593207.59
4122999.92 0.81134
593247.59 4122999.92 0.90373 593287.59
4122999.92 1.00367
593327.59 4122999.92 1.12292 593367.59
4122999.92 1.23853
593407.59 4122999.92 1.35421 593447.59
4122999.92 1.44780
593487.59 4122999.92 1.52148 593527.59
4122999.92 1.56852
593567.59 4122999.92 1.59567 593607.59
4122999.92 1.60017
593647.59 4122999.92 1.58841 593687.59
4122999.92 1.56357
593727.59 4122999.92 1.52703 593767.59
4122999.92 1.47787
593807.59 4122999.92 1.41547 593847.59
4122999.92 1.34054
593887.59 4122999.92 1.25538 593927.59
4122999.92 1.16362
593967.59 4122999.92 1.06943 594007.59

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4122999.92        0.97531
         592567.59    4123039.92        0.19920                       592607.59
4123039.92        0.20356
         592647.59    4123039.92        0.21666                       592687.59
4123039.92        0.23821
         592727.59    4123039.92        0.26442                       592767.59
4123039.92        0.29969
         592807.59    4123039.92        0.32950                       592847.59
4123039.92        0.36294
         592887.59    4123039.92        0.40390                       592927.59
4123039.92        0.45470
         592967.59    4123039.92        0.51563                       593007.59
4123039.92        0.58759
         593047.59    4123039.92        0.66740                       593087.59
4123039.92        0.74592
         593127.59    4123039.92        0.84518                       593167.59
4123039.92        0.94614
         593207.59    4123039.92        1.05779                       593247.59
4123039.92        1.19300
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         593287.59    4123039.92        1.34826                       593327.59
4123039.92        1.52663
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593367.59 4123039.92 1.68865 593407.59 4123039.92 1.82852
593447.59 4123039.92 1.92648 593487.59 4123039.92 1.99050
593527.59 4123039.92 2.01638 593567.59 4123039.92 2.01794
593607.59 4123039.92 1.99246 593647.59 4123039.92 1.95074
593687.59 4123039.92 1.89532 593727.59 4123039.92 1.82576
593767.59 4123039.92 1.73941 593807.59 4123039.92 1.63454
593847.59 4123039.92 1.51442 593887.59 4123039.92 1.38617
593927.59 4123039.92 1.25611 593967.59 4123039.92 1.12911
594007.59 4123039.92 1.00885 592567.59 4123079.92 0.22088
592607.59 4123079.92 0.24051 592647.59 4123079.92 0.25088
592687.59 4123079.92 0.27764 592727.59 4123079.92 0.31139
592767.59 4123079.92 0.35079 592807.59 4123079.92 0.38981
592847.59 4123079.92 0.43549 592887.59 4123079.92 0.49344
592927.59 4123079.92 0.56698 592967.59 4123079.92 0.65582
593007.59 4123079.92 0.76038 593047.59 4123079.92 0.87174
593087.59 4123079.92 0.98732 593127.59 4123079.92 1.11193
593167.59 4123079.92 1.25105 593207.59 4123079.92 1.42578
593247.59 4123079.92 1.65786 593287.59 4123079.92 1.92115
593327.59 4123079.92 2.18732 593367.59 4123079.92 2.39361
593407.59 4123079.92 2.53802 593447.59 4123079.92 2.61243
593487.59 4123079.92 2.64225 593527.59 4123079.92 2.62824
593567.59 4123079.92 2.58892 593607.59 4123079.92 2.52100
593647.59 4123079.92 2.43678 593687.59 4123079.92 2.33656
593727.59 4123079.92 2.21336 593767.59 4123079.92 2.06073
593807.59 4123079.92 1.88281 593847.59 4123079.92 1.69263

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         593887.59    4123079.92        1.50520                      593927.59
4123079.92        1.32833
         593967.59    4123079.92        1.16527                      594007.59
4123079.92        1.01855
         592567.59    4123119.92        0.24552                      592607.59
4123119.92        0.27330
         592647.59    4123119.92        0.30125                      592687.59
4123119.92        0.32863
         592727.59    4123119.92        0.37268                      592767.59
4123119.92        0.41959
         592807.59    4123119.92        0.47123                      592847.59
4123119.92        0.53602
         592887.59    4123119.92        0.62363                      592927.59
4123119.92        0.73745
         592967.59    4123119.92        0.87231                      593007.59
4123119.92        1.01975
         593047.59    4123119.92        1.17076                      593087.59
4123119.92        1.33236
         593127.59    4123119.92        1.51237                      593167.59
4123119.92        1.73943
         593207.59    4123119.92        2.06946                      593247.59
4123119.92        2.52470
         593287.59    4123119.92        2.98112                      593327.59
4123119.92        3.33105
         593367.59    4123119.92        3.53100                      593407.59
4123119.92        3.62184
         593447.59    4123119.92        3.62892                      593487.59
4123119.92        3.59541
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	3.52542	593567.59	4123119.92	3.42893
593607.59	4123119.92	3.30372	593647.59	4123119.92	3.15642
593687.59	4123119.92	2.97671	593727.59	4123119.92	2.73934
593767.59	4123119.92	2.44918	593807.59	4123119.92	2.14407
593847.59	4123119.92	1.85455	593887.59	4123119.92	1.59625
593927.59	4123119.92	1.36886	593967.59	4123119.92	1.17024
594007.59	4123119.92	0.99955	592567.59	4123159.92	0.27445
592607.59	4123159.92	0.31003	592647.59	4123159.92	0.35221
592687.59	4123159.92	0.39562	592727.59	4123159.92	0.45137
592767.59	4123159.92	0.51604	592807.59	4123159.92	0.59092
592847.59	4123159.92	0.69099	592887.59	4123159.92	0.83673
592927.59	4123159.92	1.02308	592967.59	4123159.92	1.22098
593007.59	4123159.92	1.41444	593047.59	4123159.92	1.60696
593087.59	4123159.92	1.83491	593127.59	4123159.92	2.13985
593167.59	4123159.92	2.63166	593207.59	4123159.92	3.48327
593247.59	4123159.92	4.46730	593287.59	4123159.92	5.10840
593327.59	4123159.92	5.38804	593367.59	4123159.92	5.44798
593407.59	4123159.92	5.40182	593447.59	4123159.92	5.30228
593487.59	4123159.92	5.18777	593527.59	4123159.92	5.05635
593567.59	4123159.92	4.88723	593607.59	4123159.92	4.67451
593647.59	4123159.92	4.39925	593687.59	4123159.92	3.99406
593727.59	4123159.92	3.43602	593767.59		

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4123159.92        2.86683
         593807.59    4123159.92        2.37808                      593847.59
4123159.92        1.97567
         593887.59    4123159.92        1.64479                      593927.59
4123159.92        1.36849
         593967.59    4123159.92        1.13783                      594007.59
4123159.92        0.94818
         592567.59    4123199.92        0.30782                      592607.59
4123199.92        0.35409
         592647.59    4123199.92        0.41177                      592687.59
4123199.92        0.48043
         592727.59    4123199.92        0.56209                      592767.59
4123199.92        0.66509
         592807.59    4123199.92        0.78745                      592847.59
4123199.92        0.97798
         592887.59    4123199.92        1.25982                      592927.59
4123199.92        1.55215
         592967.59    4123199.92        1.78665                      593007.59
4123199.92        1.98709
         593047.59    4123199.92        2.23594                      593087.59
4123199.92        2.63675
         593127.59    4123199.92        3.37619                      593167.59
4123199.92        5.12199
         593207.59    4123199.92        8.09838                      593247.59
4123199.92        9.51637
         593287.59    4123199.92        9.75232                      593327.59
4123199.92        9.62692
         593367.59    4123199.92        9.40505                      593407.59
4123199.92        9.15895
         593447.59    4123199.92        8.93078                      593487.59
4123199.92        8.74415
         593527.59    4123199.92        8.52631                      593567.59
4123199.92        8.25390
         593607.59    4123199.92        7.85003                      593647.59
4123199.92        7.04274
         593687.59    4123199.92        5.54826                      593727.59
4123199.92        4.18168
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                    INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                L0006755    , L0006756    , L0006757    , L0006758    , L0006759
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 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92        3.22726                      593807.59
4123199.92        2.55581
         593847.59    4123199.92        2.04935                      593887.59
4123199.92        1.64563
         593927.59    4123199.92        1.32077                      593967.59
4123199.92        1.06344
         594007.59    4123199.92        0.86345                      592567.59
4123239.92        0.34703
         592607.59    4123239.92        0.40691                      592647.59
4123239.92        0.48660
         592687.59    4123239.92        0.59536                      592727.59
4123239.92        0.74320
         592767.59    4123239.92        0.93346                      592807.59
4123239.92        1.18981
         592847.59    4123239.92        1.68236                      592887.59
4123239.92        2.22082
         592927.59    4123239.92        2.49375                      592967.59
4123239.92        2.61407
         593007.59    4123239.92        2.75850                      593047.59
4123239.92        3.13226
         593087.59    4123239.92        4.10532                      593127.59
4123239.92        7.40859
         593167.59    4123239.92       14.70585                      593207.59
4123239.92       15.29086
         593247.59    4123239.92       16.13424                      593287.59
4123239.92       13.67666
         593327.59    4123239.92       15.02082                      593367.59
4123239.92       12.88936
         593407.59    4123239.92       14.41225                      593447.59
4123239.92       12.50313
         593487.59    4123239.92       16.22403                      593527.59
4123239.92       11.94992
         593567.59    4123239.92       15.52166                      593607.59
4123239.92       16.05834
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         593647.59    4123239.92       11.70290                      593687.59
4123239.92        7.06026
         593727.59    4123239.92        4.83553                      593767.59
4123239.92        3.57407
         593807.59    4123239.92        2.72370                      593847.59
4123239.92        2.08002
         593887.59    4123239.92        1.58370                      593927.59
4123239.92        1.21321
         593967.59    4123239.92        0.94347                      594007.59
4123239.92        0.74956
         592567.59    4123279.92        0.39437                      592607.59
4123279.92        0.47177
         592647.59    4123279.92        0.58150                      592687.59
4123279.92        0.74857
         592727.59    4123279.92        1.03405                      592767.59
4123279.92        1.58490
         592807.59    4123279.92        2.60269                      592847.59
4123279.92        4.35153
         592887.59    4123279.92        4.27025                      592927.59
4123279.92        3.86594
         592967.59    4123279.92        3.65048                      593007.59
4123279.92        3.77508
         593047.59    4123279.92        4.58874                      593087.59
4123279.92        7.69390
         593127.59    4123279.92       14.89682                      593167.59
4123279.92       18.38543
         593207.59    4123279.92       14.20415                      593247.59
4123279.92       12.63998
         593287.59    4123279.92       11.78949                      593327.59
4123279.92       11.26379
         593367.59    4123279.92       10.89135                      593407.59
4123279.92       10.23930
         593447.59    4123279.92       10.23378                      593487.59
4123279.92       10.40462
         593527.59    4123279.92       10.27874                      593567.59
4123279.92       10.16338
         593607.59    4123279.92       12.25903                      593647.59
4123279.92        6.19926
         593687.59    4123279.92        9.22090                      593727.59
4123279.92        5.95744
         593767.59    4123279.92        4.13863                      593807.59
4123279.92        2.88252
         593847.59    4123279.92        1.99980                      593887.59
4123279.92        1.41269
         593927.59    4123279.92        1.03389                      593967.59
4123279.92        0.78684
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	0.62238	592567.59	4123319.92	0.45102
592607.59	4123319.92	0.55219	592647.59	4123319.92	0.70515
592687.59	4123319.92	0.96471	592727.59	4123319.92	1.51023
592767.59	4123319.92	3.46651	592807.59	4123319.92	3.02143
592847.59	4123319.92	10.15275	592887.59	4123319.92	6.82272
592927.59	4123319.92	5.40424	592967.59	4123319.92	4.88599
593007.59	4123319.92	5.19918	593047.59	4123319.92	6.90317
593087.59	4123319.92	13.23101	593127.59	4123319.92	15.51015
593167.59	4123319.92	12.67567	593207.59	4123319.92	9.23936
593247.59	4123319.92	7.59977	593287.59	4123319.92	6.65570
593327.59	4123319.92	6.05969	593367.59	4123319.92	5.64535
593407.59	4123319.92	5.16950	593447.59	4123319.92	5.11183
593487.59	4123319.92	5.00850	593527.59		

4123319.92 4.92797
593567.59 4123319.92 5.21428 593607.59
4123319.92 6.84986
593647.59 4123319.92 5.77321 593687.59
4123319.92 14.47447
593727.59 4123319.92 8.25559 593767.59
4123319.92 4.74743
593807.59 4123319.92 2.72216 593847.59
4123319.92 1.67173
593887.59 4123319.92 1.12008 593927.59
4123319.92 0.81237
593967.59 4123319.92 0.62529 594007.59
4123319.92 0.50476
592567.59 4123359.92 0.52478 592607.59
4123359.92 0.66324
592647.59 4123359.92 0.88905 592687.59
4123359.92 1.31473
592727.59 4123359.92 2.29730 592767.59
4123359.92 5.03776
592807.59 4123359.92 9.21771 592847.59
4123359.92 16.43079
592887.59 4123359.92 9.77926 592927.59
4123359.92 7.25292
592967.59 4123359.92 6.55305 593007.59
4123359.92 7.25839
593047.59 4123359.92 9.73616 593087.59
4123359.92 13.04148
593127.59 4123359.92 18.04667 593167.59
4123359.92 10.11818
593207.59 4123359.92 7.03118 593247.59
4123359.92 5.48913
593287.59 4123359.92 4.62315 593327.59
4123359.92 4.09572
593367.59 4123359.92 3.74289 593407.59
4123359.92 3.42093
593447.59 4123359.92 3.26189 593487.59
4123359.92 3.22792
593527.59 4123359.92 3.29077 593567.59
4123359.92 3.61550
593607.59 4123359.92 4.54280 593647.59
4123359.92 6.95194
593687.59 4123359.92 5.99000 593727.59
4123359.92 10.31292
593767.59 4123359.92 3.97309 593807.59
4123359.92 1.91812
593847.59 4123359.92 1.16422 593887.59
4123359.92 0.81381
593927.59 4123359.92 0.61915 593967.59
4123359.92 0.49643
594007.59 4123359.92 0.41261 592567.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592767.59	4123399.92	4.49642	592807.59	4123399.92	8.63176
592847.59	4123399.92	7.72704	592887.59	4123399.92	14.18550
592927.59	4123399.92	10.10008	592967.59	4123399.92	9.84911
593007.59	4123399.92	11.30445	593047.59	4123399.92	14.18306
593087.59	4123399.92	13.82353	593127.59	4123399.92	13.96657
593167.59	4123399.92	7.61420	593207.59	4123399.92	5.16661
593247.59	4123399.92	3.99873	593287.59	4123399.92	3.35757
593327.59	4123399.92	2.96843	593367.59	4123399.92	2.71475

593407.59 4123399.92 2.54291 593447.59
4123399.92 2.43746
593487.59 4123399.92 2.40524 593527.59
4123399.92 2.47795
593567.59 4123399.92 2.71474 593607.59
4123399.92 3.25786
593647.59 4123399.92 4.58723 593687.59
4123399.92 6.02592
593727.59 4123399.92 4.92467 593767.59
4123399.92 1.88134
593807.59 4123399.92 1.12205 593847.59
4123399.92 0.79153
593887.59 4123399.92 0.60652 593927.59
4123399.92 0.48868
593967.59 4123399.92 0.40776 594007.59
4123399.92 0.34914
592567.59 4123439.92 0.74071 592607.59
4123439.92 0.96825
592647.59 4123439.92 1.31206 592687.59
4123439.92 1.83830
592727.59 4123439.92 2.63970 592767.59
4123439.92 3.94455
592807.59 4123439.92 6.36605 592847.59
4123439.92 13.03207
592887.59 4123439.92 13.76795 592927.59
4123439.92 18.84339
592967.59 4123439.92 20.82718 593007.59
4123439.92 20.61691
593047.59 4123439.92 24.86943 593087.59
4123439.92 22.32069
593127.59 4123439.92 8.38965 593167.59
4123439.92 4.94281
593207.59 4123439.92 3.59062 593247.59
4123439.92 2.89978
593287.59 4123439.92 2.49487 593327.59
4123439.92 2.23768
593367.59 4123439.92 2.06618 593407.59
4123439.92 1.95341
593447.59 4123439.92 1.89226 593487.59
4123439.92 1.88680
593527.59 4123439.92 1.94830 593567.59
4123439.92 2.09933
593607.59 4123439.92 2.37203 593647.59
4123439.92 2.71300
593687.59 4123439.92 2.55909 593727.59
4123439.92 1.60705
593767.59 4123439.92 1.05900 593807.59
4123439.92 0.77605
593847.59 4123439.92 0.60802 593887.59
4123439.92 0.49704

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         593927.59    4123439.92        0.41838                       593967.59
4123439.92        0.35945
         594007.59    4123439.92        0.31395                       592567.59
4123479.92        0.84672
         592607.59    4123479.92        1.08815                       592647.59
4123479.92        1.42180
         592687.59    4123479.92        1.88855                       592727.59
4123479.92        2.55857
         592767.59    4123479.92        3.58230                       592807.59
4123479.92        5.31142
         592847.59    4123479.92        9.18930                       592887.59
4123479.92       11.42094
         592927.59    4123479.92       23.91541                       592967.59
4123479.92       19.31054
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593007.59    4123479.92       16.43861                       593047.59
4123479.92       14.78003
         593087.59    4123479.92        7.50082                       593127.59
4123479.92        4.55728
         593167.59    4123479.92        3.26230                       593207.59
4123479.92        2.57831
         593247.59    4123479.92        2.17595                       593287.59
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4123479.92        1.92131
         593327.59    4123479.92        1.75220                    593367.59
4123479.92        1.63873
         593407.59    4123479.92        1.56297                    593447.59
4123479.92        1.51648
         593487.59    4123479.92        1.50019                    593527.59
4123479.92        1.51375
         593567.59    4123479.92        1.54582                    593607.59
4123479.92        1.55669
         593647.59    4123479.92        1.47205                    593687.59
4123479.92        1.26022
         593727.59    4123479.92        0.96719                    593767.59
4123479.92        0.75525
         593807.59    4123479.92        0.61256                    593847.59
4123479.92        0.50758
         593887.59    4123479.92        0.42916                    593927.59
4123479.92        0.36938
         593967.59    4123479.92        0.32234                    594007.59
4123479.92        0.28507
         592567.59    4123519.92        0.93401                    592607.59
4123519.92        1.16816
         592647.59    4123519.92        1.48138                    592687.59
4123519.92        1.90020
         592727.59    4123519.92        2.48264                    592767.59
4123519.92        3.34413
         592807.59    4123519.92        4.71863                    592847.59
4123519.92        7.16855
         592887.59    4123519.92       12.76505                    592927.59
4123519.92       10.64059
         592967.59    4123519.92       15.41419                    593007.59
4123519.92       10.27911
         593047.59    4123519.92        6.68198                    593087.59
4123519.92        4.33326
         593127.59    4123519.92        3.04350                    593167.59
4123519.92        2.34940
         593207.59    4123519.92        1.94819                    593247.59
4123519.92        1.69444
         593287.59    4123519.92        1.52473                    593327.59
4123519.92        1.40599
         593367.59    4123519.92        1.32288                    593407.59
4123519.92        1.26697
         593447.59    4123519.92        1.22979                    593487.59
4123519.92        1.20456
         593527.59    4123519.92        1.18263                    593567.59
4123519.92        1.15083
         593607.59    4123519.92        1.09181                    593647.59
4123519.92        0.99595
         593687.59    4123519.92        0.86168                    593727.59
4123519.92        0.70679
         593767.59    4123519.92        0.58408                    593807.59
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4123519.92        0.49344
         593847.59    4123519.92        0.42465                       593887.59
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4123519.92        0.28905
         594007.59    4123519.92        0.25928                       592567.59
4123559.92        1.00050
         592607.59    4123559.92        1.22280                       592647.59
4123559.92        1.50737
         592687.59    4123559.92        1.88086                       592727.59
4123559.92        2.38222
         592767.59    4123559.92        3.07199                       592807.59
4123559.92        4.03870
         592847.59    4123559.92        5.44096                       592887.59
4123559.92        7.80385
         592927.59    4123559.92        9.72431                       592967.59
4123559.92       16.87851
         593007.59    4123559.92        6.95133                       593047.59
4123559.92        3.80861
         593087.59    4123559.92        2.66313                       593127.59
4123559.92        2.07458
         593167.59    4123559.92        1.72726                       593207.59
4123559.92        1.50384
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       08:18:36

                                   PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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- -
- -
593247.59 4123559.92 1.35119 593287.59
4123559.92 1.24240
593327.59 4123559.92 1.16238 593367.59
4123559.92 1.10167
593407.59 4123559.92 1.05455 593447.59
4123559.92 1.01526
593487.59 4123559.92 0.97744 593527.59
4123559.92 0.93517
593567.59 4123559.92 0.88228 593607.59
4123559.92 0.81409
593647.59 4123559.92 0.73511 593687.59
4123559.92 0.64442
593727.59 4123559.92 0.55036 593767.59
4123559.92 0.47187
593807.59 4123559.92 0.41069 593847.59
4123559.92 0.36261
593887.59 4123559.92 0.32196 593927.59
4123559.92 0.28875
593967.59 4123559.92 0.26030 594007.59
4123559.92 0.23647
592567.59 4123599.92 1.03881 592607.59
4123599.92 1.24442
592647.59 4123599.92 1.50053 592687.59
4123599.92 1.82104
592727.59 4123599.92 2.22615 592767.59
4123599.92 2.73150
592807.59 4123599.92 3.27893 592847.59
4123599.92 3.94134
592887.59 4123599.92 4.89501 592927.59
4123599.92 6.44102
592967.59 4123599.92 5.35621 593007.59
4123599.92 3.02701
593047.59 4123599.92 2.24462 593087.59
4123599.92 1.81956
593127.59 4123599.92 1.54386 593167.59
4123599.92 1.35577
593207.59 4123599.92 1.22254 593247.59
4123599.92 1.12376
593287.59 4123599.92 1.04681 593327.59
4123599.92 0.98483
593367.59 4123599.92 0.93370 593407.59
4123599.92 0.88807
593447.59 4123599.92 0.84380 593487.59
4123599.92 0.79956
593527.59 4123599.92 0.75022 593567.59
4123599.92 0.69777
593607.59 4123599.92 0.64014 593647.59
4123599.92 0.58023

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         593687.59    4123599.92        0.51593                      593727.59
4123599.92        0.45156
         593767.59    4123599.92        0.39642                      593807.59
4123599.92        0.35230
         593847.59    4123599.92        0.31605                      593887.59
4123599.92        0.28483
         593927.59    4123599.92        0.25890                      593967.59
4123599.92        0.23591
         594007.59    4123599.92        0.21661                      593087.59
4123639.92        1.42071
         593127.59    4123639.92        1.25707                      593167.59
4123639.92        1.13305
         593207.59    4123639.92        1.03532                      593247.59
4123639.92        0.95800
         593287.59    4123639.92        0.89412                      593327.59
4123639.92        0.84078
         593367.59    4123639.92        0.79300                      593407.59
4123639.92        0.74942
         593447.59    4123639.92        0.70599                      593487.59
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         593527.59    4123639.92        0.61753                      593567.59
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         593607.59    4123639.92        0.52591                      593647.59
4123639.92        0.47796
         593687.59    4123639.92        0.43021                      593727.59
4123639.92        0.38325
         593767.59    4123639.92        0.34257                      593807.59
4123639.92        0.30844
         593847.59    4123639.92        0.28034                      593887.59
4123639.92        0.25524
         593927.59    4123639.92        0.23430                      593967.59
4123639.92        0.21534
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                    INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123639.92	0.19917	593087.59	4123679.92	1.15392
593127.59	4123679.92	1.04008	593167.59	4123679.92	0.94931
593207.59	4123679.92	0.87608	593247.59	4123679.92	0.81633
593287.59	4123679.92	0.76500	593327.59	4123679.92	0.71946
593367.59	4123679.92	0.67772	593407.59	4123679.92	0.63762
593447.59	4123679.92	0.59859	593487.59	4123679.92	0.55899
593527.59	4123679.92	0.52062	593567.59	4123679.92	0.48216
593607.59	4123679.92	0.44483	593647.59	4123679.92	0.40686
593687.59	4123679.92	0.36902	593727.59	4123679.92	0.33331
593767.59	4123679.92	0.30153	593807.59	4123679.92	0.27409
593847.59	4123679.92	0.25147	593887.59	4123679.92	0.23104
593927.59	4123679.92	0.21379	593967.59	4123679.92	0.19794
594007.59	4123679.92	0.18415	593087.59	4123719.92	0.94314
593127.59	4123719.92	0.86601	593167.59	4123719.92	0.80124
593207.59	4123719.92	0.74750	593247.59	4123719.92	0.70057
593287.59	4123719.92	0.65840	593327.59	4123719.92	0.61944
593367.59	4123719.92	0.58333	593407.59	4123719.92	0.54786
593447.59	4123719.92	0.51362	593487.59	4123719.92	0.47987
593527.59	4123719.92	0.44708	593567.59	4123719.92	0.41572
593607.59	4123719.92	0.38420	593647.59		

4123719.92 0.35357
593687.59 4123719.92 0.32314 593727.59
4123719.92 0.29445
593767.59 4123719.92 0.26906 593807.59
4123719.92 0.24667
593847.59 4123719.92 0.22758 593887.59
4123719.92 0.21078
593927.59 4123719.92 0.19630 593967.59
4123719.92 0.18299
594007.59 4123719.92 0.17111 593087.59
4123759.92 0.78792
593127.59 4123759.92 0.73261 593167.59
4123759.92 0.68430
593207.59 4123759.92 0.64196 593247.59
4123759.92 0.60421
593287.59 4123759.92 0.57003 593327.59
4123759.92 0.53715
593367.59 4123759.92 0.50547 593407.59
4123759.92 0.47550
593447.59 4123759.92 0.44571 593487.59
4123759.92 0.41768
593527.59 4123759.92 0.39002 593567.59
4123759.92 0.36384
593607.59 4123759.92 0.33752 593647.59
4123759.92 0.31164
593687.59 4123759.92 0.28702 593727.59
4123759.92 0.26366
593767.59 4123759.92 0.24269 593807.59
4123759.92 0.22387
593847.59 4123759.92 0.20778 593887.59
4123759.92 0.19405
593927.59 4123759.92 0.18147 593967.59
4123759.92 0.16993
594007.59 4123759.92 0.15964 593087.59
4123799.92 0.66962
593127.59 4123799.92 0.62796 593167.59
4123799.92 0.59067
593207.59 4123799.92 0.55653 593247.59
4123799.92 0.52527
593287.59 4123799.92 0.49642 593327.59
4123799.92 0.46891

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	0.44179	593407.59	4123799.92	0.41617
593447.59	4123799.92	0.39132	593487.59	4123799.92	0.36737
593527.59	4123799.92	0.34455	593567.59	4123799.92	0.32190
593607.59	4123799.92	0.30017	593647.59	4123799.92	0.27822
593687.59	4123799.92	0.25746	593727.59	4123799.92	0.23865
593767.59	4123799.92	0.22064	593807.59	4123799.92	0.20487
593847.59	4123799.92	0.19132	593887.59	4123799.92	0.17951
593927.59	4123799.92	0.16859	593967.59	4123799.92	0.15848
594007.59	4123799.92	0.14956	593087.59	4123839.92	0.57738
593127.59	4123839.92	0.54481	593167.59	4123839.92	0.51456
593207.59	4123839.92	0.48635	593247.59	4123839.92	0.45997
593287.59	4123839.92	0.43541	593327.59	4123839.92	0.41217
593367.59	4123839.92	0.38940	593407.59	4123839.92	0.36736
593447.59	4123839.92	0.34661	593487.59	4123839.92	0.32619
593527.59	4123839.92	0.30695	593567.59	4123839.92	0.28769

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         593607.59    4123839.92        0.26904                      593647.59
4123839.92        0.25061
         593687.59    4123839.92        0.23319                      593727.59
4123839.92        0.21741
         593767.59    4123839.92        0.20222                      593807.59
4123839.92        0.18901
         593847.59    4123839.92        0.17707                      593887.59
4123839.92        0.16652
         593927.59    4123839.92        0.15695                      593967.59
4123839.92        0.14821
         594007.59    4123839.92        0.14037                      593087.59
4123879.92        0.50306
         593127.59    4123879.92        0.47670                      593167.59
4123879.92        0.45191
         593207.59    4123879.92        0.42840                      593247.59
4123879.92        0.40628
         593287.59    4123879.92        0.38473                      593327.59
4123879.92        0.36454
         593367.59    4123879.92        0.34572                      593407.59
4123879.92        0.32695
         593447.59    4123879.92        0.30909                      593487.59
4123879.92        0.29195
         593527.59    4123879.92        0.27538                      593567.59
4123879.92        0.25911
         593607.59    4123879.92        0.24314                      593647.59
4123879.92        0.22761
         593687.59    4123879.92        0.21264                      593727.59
4123879.92        0.19904
         593767.59    4123879.92        0.18645                      593807.59
4123879.92        0.17508
         593847.59    4123879.92        0.16465                      593887.59
4123879.92        0.15516
         593927.59    4123879.92        0.14676                      593967.59
4123879.92        0.13904
         594007.59    4123879.92        0.13211

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE     ***
                                  INCLUDING SOURCE(S):     L0006774    , L0006775
 ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592567.59	4122799.92	0.06148	592607.59	4122799.92	0.06461
592647.59	4122799.92	0.06766	592687.59	4122799.92	0.07193
592727.59	4122799.92	0.07584	592767.59	4122799.92	0.08030
592807.59	4122799.92	0.08531	592847.59	4122799.92	0.08910
592887.59	4122799.92	0.09429	592927.59	4122799.92	0.09998
592967.59	4122799.92	0.10588	593007.59	4122799.92	0.11121
593047.59	4122799.92	0.11796	593087.59	4122799.92	0.12439
593127.59	4122799.92	0.14331	593167.59	4122799.92	0.15022
593207.59	4122799.92	0.16956	593247.59	4122799.92	0.17633
593287.59	4122799.92	0.18268	593327.59	4122799.92	0.18907
593367.59	4122799.92	0.19598	593407.59	4122799.92	0.20424
593447.59	4122799.92	0.21403	593487.59	4122799.92	0.22631
593527.59	4122799.92	0.24110	593567.59	4122799.92	0.25774
593607.59	4122799.92	0.27496	593647.59	4122799.92	0.29298
593687.59	4122799.92	0.31156	593727.59	4122799.92	0.33175
593767.59	4122799.92	0.35562	593807.59	4122799.92	0.38147
593847.59	4122799.92	0.41024	593887.59	4122799.92	0.43891
593927.59	4122799.92	0.46563	593967.59	4122799.92	0.48906
594007.59	4122799.92	0.50832	592567.59	4122839.92	0.06519
592607.59	4122839.92	0.06845	592647.59	4122839.92	0.07161
592687.59	4122839.92	0.07535	592727.59		

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4122839.92        0.08002
         592767.59    4122839.92        0.08577                       592807.59
4122839.92        0.09053
         592847.59    4122839.92        0.09541                       592887.59
4122839.92        0.10086
         592927.59    4122839.92        0.10761                       592967.59
4122839.92        0.11423
         593007.59    4122839.92        0.12351                       593047.59
4122839.92        0.14353
         593087.59    4122839.92        0.13674                       593127.59
4122839.92        0.15743
         593167.59    4122839.92        0.17906                       593207.59
4122839.92        0.18742
         593247.59    4122839.92        0.19558                       593287.59
4122839.92        0.20349
         593327.59    4122839.92        0.21122                       593367.59
4122839.92        0.21955
         593407.59    4122839.92        0.22958                       593447.59
4122839.92        0.24167
         593487.59    4122839.92        0.25695                       593527.59
4122839.92        0.27530
         593567.59    4122839.92        0.29580                       593607.59
4122839.92        0.31691
         593647.59    4122839.92        0.34008                       593687.59
4122839.92        0.36425
         593727.59    4122839.92        0.39072                       593767.59
4122839.92        0.42184
         593807.59    4122839.92        0.45492                       593847.59
4122839.92        0.48955
         593887.59    4122839.92        0.52217                       593927.59
4122839.92        0.55086
         593967.59    4122839.92        0.57430                       594007.59
4122839.92        0.59168
         592567.59    4122879.92        0.06958                       592607.59
4122879.92        0.07307
         592647.59    4122879.92        0.07621                       592687.59
4122879.92        0.07963
         592727.59    4122879.92        0.08534                       592767.59
4122879.92        0.09126
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE       ***
                                    INCLUDING SOURCE(S):     L0006774    , L0006775
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.09645	592847.59	4122879.92	0.10325
592887.59	4122879.92	0.11028	592927.59	4122879.92	0.11798
592967.59	4122879.92	0.12585	593007.59	4122879.92	0.13451
593047.59	4122879.92	0.15657	593087.59	4122879.92	0.16456
593127.59	4122879.92	0.17326	593167.59	4122879.92	0.19852
593207.59	4122879.92	0.20837	593247.59	4122879.92	0.21858
593287.59	4122879.92	0.22840	593327.59	4122879.92	0.23807
593367.59	4122879.92	0.24815	593407.59	4122879.92	0.26034
593447.59	4122879.92	0.27554	593487.59	4122879.92	0.29496
593527.59	4122879.92	0.31794	593567.59	4122879.92	0.34375
593607.59	4122879.92	0.37017	593647.59	4122879.92	0.39976
593687.59	4122879.92	0.43176	593727.59	4122879.92	0.46799
593767.59	4122879.92	0.50815	593807.59	4122879.92	0.54995
593847.59	4122879.92	0.59017	593887.59	4122879.92	0.62580
593927.59	4122879.92	0.65470	593967.59	4122879.92	0.67571
594007.59	4122879.92	0.68847	592567.59	4122919.92	0.07432
592607.59	4122919.92	0.07781	592647.59	4122919.92	0.08186
592687.59	4122919.92	0.08641	592727.59	4122919.92	0.09196
592767.59	4122919.92	0.09753	592807.59	4122919.92	0.10338

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         592847.59    4122919.92        0.11129                      592887.59
4122919.92        0.11860
         592927.59    4122919.92        0.13020                      592967.59
4122919.92        0.14069
         593007.59    4122919.92        0.14898                      593047.59
4122919.92        0.15694
         593087.59    4122919.92        0.18200                      593127.59
4122919.92        0.19348
         593167.59    4122919.92        0.22176                      593207.59
4122919.92        0.23359
         593247.59    4122919.92        0.24640                      593287.59
4122919.92        0.25834
         593327.59    4122919.92        0.27084                      593367.59
4122919.92        0.28325
         593407.59    4122919.92        0.29850                      593447.59
4122919.92        0.31813
         593487.59    4122919.92        0.34316                      593527.59
4122919.92        0.37245
         593567.59    4122919.92        0.40513                      593607.59
4122919.92        0.43951
         593647.59    4122919.92        0.47820                      593687.59
4122919.92        0.52170
         593727.59    4122919.92        0.57049                      593767.59
4122919.92        0.62230
         593807.59    4122919.92        0.67288                      593847.59
4122919.92        0.71787
         593887.59    4122919.92        0.75408                      593927.59
4122919.92        0.77978
         593967.59    4122919.92        0.79444                      594007.59
4122919.92        0.79837
         592567.59    4122959.92        0.08042                      592607.59
4122959.92        0.08368
         592647.59    4122959.92        0.08805                      592687.59
4122959.92        0.09298
         592727.59    4122959.92        0.09898                      592767.59
4122959.92        0.10506
         592807.59    4122959.92        0.11146                      592847.59
4122959.92        0.12052
         592887.59    4122959.92        0.12882                      592927.59
4122959.92        0.13996
         592967.59    4122959.92        0.15212                      593007.59
4122959.92        0.17819
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.19095	593087.59	4122959.92	0.20227
593127.59	4122959.92	0.23410	593167.59	4122959.92	0.24950
593207.59	4122959.92	0.26451	593247.59	4122959.92	0.28066
593287.59	4122959.92	0.29575	593327.59	4122959.92	0.31181
593367.59	4122959.92	0.32705	593407.59	4122959.92	0.34680
593447.59	4122959.92	0.37192	593487.59	4122959.92	0.40489
593527.59	4122959.92	0.44232	593567.59	4122959.92	0.48596
593607.59	4122959.92	0.53152	593647.59	4122959.92	0.58430
593687.59	4122959.92	0.64498	593727.59	4122959.92	0.71004
593767.59	4122959.92	0.77466	593807.59	4122959.92	0.83257
593847.59	4122959.92	0.87885	593887.59	4122959.92	0.91077
593927.59	4122959.92	0.92756	593967.59	4122959.92	0.92971
594007.59	4122959.92	0.91866	592567.59	4122999.92	0.08965
592607.59	4122999.92	0.09017	592647.59	4122999.92	0.09466
592687.59	4122999.92	0.10009	592727.59	4122999.92	0.10668
592767.59	4122999.92	0.11372	592807.59	4122999.92	0.12124
592847.59	4122999.92	0.13072	592887.59	4122999.92	0.14110
592927.59	4122999.92	0.15330	592967.59		

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4122999.92        0.16660
         593007.59    4122999.92        0.19590                      593047.59
4122999.92        0.21150
         593087.59    4122999.92        0.22573                      593127.59
4122999.92        0.26361
         593167.59    4122999.92        0.28305                      593207.59
4122999.92        0.30228
         593247.59    4122999.92        0.32300                      593287.59
4122999.92        0.34247
         593327.59    4122999.92        0.36328                      593367.59
4122999.92        0.38325
         593407.59    4122999.92        0.40952                      593447.59
4122999.92        0.44249
         593487.59    4122999.92        0.48685                      593527.59
4122999.92        0.53692
         593567.59    4122999.92        0.59555                      593607.59
4122999.92        0.65998
         593647.59    4122999.92        0.73458                      593687.59
4122999.92        0.81749
         593727.59    4122999.92        0.90161                      593767.59
4122999.92        0.97771
         593807.59    4122999.92        1.03814                      593847.59
4122999.92        1.07844
         593887.59    4122999.92        1.09759                      593927.59
4122999.92        1.09640
         593967.59    4122999.92        1.07705                      594007.59
4122999.92        1.04290
         592567.59    4123039.92        0.09807                      592607.59
4123039.92        0.09808
         592647.59    4123039.92        0.10216                      592687.59
4123039.92        0.10816
         592727.59    4123039.92        0.11535                      592767.59
4123039.92        0.12382
         592807.59    4123039.92        0.13282                      592847.59
4123039.92        0.14290
         592887.59    4123039.92        0.15431                      592927.59
4123039.92        0.16822
         592967.59    4123039.92        0.18370                      593007.59
4123039.92        0.21682
         593047.59    4123039.92        0.25326                      593087.59
4123039.92        0.25452
         593127.59    4123039.92        0.29902                      593167.59
4123039.92        0.32423
         593207.59    4123039.92        0.34980                      593247.59
4123039.92        0.37645
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	0.40197	593327.59	4123039.92	0.42958
593367.59	4123039.92	0.45613	593407.59	4123039.92	0.49172
593447.59	4123039.92	0.53660	593487.59	4123039.92	0.59791
593527.59	4123039.92	0.66758	593567.59	4123039.92	0.74901
593607.59	4123039.92	0.84312	593647.59	4123039.92	0.95047
593687.59	4123039.92	1.06246	593727.59	4123039.92	1.16527
593767.59	4123039.92	1.24632	593807.59	4123039.92	1.29832
593847.59	4123039.92	1.31919	593887.59	4123039.92	1.31150
593927.59	4123039.92	1.27893	593967.59	4123039.92	1.22630
594007.59	4123039.92	1.15980	592567.59	4123079.92	0.11071
592607.59	4123079.92	0.10884	592647.59	4123079.92	0.11086
592687.59	4123079.92	0.11757	592727.59	4123079.92	0.12540
592767.59	4123079.92	0.13474	592807.59	4123079.92	0.14512
592847.59	4123079.92	0.15670	592887.59	4123079.92	0.17034
592927.59	4123079.92	0.18649	592967.59	4123079.92	0.21908
593007.59	4123079.92	0.25785	593047.59	4123079.92	0.28290

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         593087.59    4123079.92        0.31071                     593127.59
4123079.92        0.34145
         593167.59    4123079.92        0.37411                     593207.59
4123079.92        0.40847
         593247.59    4123079.92        0.44489                     593287.59
4123079.92        0.47967
         593327.59    4123079.92        0.51728                     593367.59
4123079.92        0.55350
         593407.59    4123079.92        0.60275                     593447.59
4123079.92        0.66609
         593487.59    4123079.92        0.75334                     593527.59
4123079.92        0.85465
         593567.59    4123079.92        0.97521                     593607.59
4123079.92        1.11669
         593647.59    4123079.92        1.26936                     593687.59
4123079.92        1.41243
         593727.59    4123079.92        1.52488                     593767.59
4123079.92        1.59393
         593807.59    4123079.92        1.61616                     593847.59
4123079.92        1.59543
         593887.59    4123079.92        1.54010                     593927.59
4123079.92        1.45893
         593967.59    4123079.92        1.36039                     594007.59
4123079.92        1.25344
         592567.59    4123119.92        0.12246                     592607.59
4123119.92        0.13016
         592647.59    4123119.92        0.12324                     592687.59
4123119.92        0.12821
         592727.59    4123119.92        0.13684                     592767.59
4123119.92        0.14724
         592807.59    4123119.92        0.15882                     592847.59
4123119.92        0.17211
         592887.59    4123119.92        0.18830                     592927.59
4123119.92        0.22115
         592967.59    4123119.92        0.24316                     593007.59
4123119.92        0.28650
         593047.59    4123119.92        0.31740                     593087.59
4123119.92        0.35312
         593127.59    4123119.92        0.39358                     593167.59
4123119.92        0.43782
         593207.59    4123119.92        0.48481                     593247.59
4123119.92        0.53517
         593287.59    4123119.92        0.58437                     593327.59
4123119.92        0.63684
         593367.59    4123119.92        0.68871                     593407.59
4123119.92        0.75896
         593447.59    4123119.92        0.85345                     593487.59
4123119.92        0.98218
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	1.13756	593567.59	4123119.92	1.32629
593607.59	4123119.92	1.54000	593647.59	4123119.92	1.74637
593687.59	4123119.92	1.90859	593727.59	4123119.92	2.00308
593767.59	4123119.92	2.02442	593807.59	4123119.92	1.98024
593847.59	4123119.92	1.88529	593887.59	4123119.92	1.75729
593927.59	4123119.92	1.61042	593967.59	4123119.92	1.45658
594007.59	4123119.92	1.30596	592567.59	4123159.92	0.12947
592607.59	4123159.92	0.13809	592647.59	4123159.92	0.14754
592687.59	4123159.92	0.14123	592727.59	4123159.92	0.15009
592767.59	4123159.92	0.16161	592807.59	4123159.92	0.17500
592847.59	4123159.92	0.19026	592887.59	4123159.92	0.20892
592927.59	4123159.92	0.24464	592967.59	4123159.92	0.28748
593007.59	4123159.92	0.32011	593047.59	4123159.92	0.35788
593087.59	4123159.92	0.40271	593127.59	4123159.92	0.45524
593167.59	4123159.92	0.51634	593207.59		

4123159.92 0.58345
593247.59 4123159.92 0.65582 593287.59
4123159.92 0.72811
593327.59 4123159.92 0.80286 593367.59
4123159.92 0.88146
593407.59 4123159.92 0.98582 593447.59
4123159.92 1.13556
593487.59 4123159.92 1.33745 593527.59
4123159.92 1.59400
593567.59 4123159.92 1.90030 593607.59
4123159.92 2.21122
593647.59 4123159.92 2.45712 593687.59
4123159.92 2.59154
593727.59 4123159.92 2.60509 593767.59
4123159.92 2.51541
593807.59 4123159.92 2.35200 593847.59
4123159.92 2.14524
593887.59 4123159.92 1.92215 593927.59
4123159.92 1.70042
593967.59 4123159.92 1.49147 594007.59
4123159.92 1.30256
592567.59 4123199.92 0.13679 592607.59
4123199.92 0.14638
592647.59 4123199.92 0.15708 592687.59
4123199.92 0.16240
592727.59 4123199.92 0.16480 592767.59
4123199.92 0.17793
592807.59 4123199.92 0.19352 592847.59
4123199.92 0.22372
592887.59 4123199.92 0.24633 592927.59
4123199.92 0.28701
592967.59 4123199.92 0.32025 593007.59
4123199.92 0.35946
593047.59 4123199.92 0.40689 593087.59
4123199.92 0.46393
593127.59 4123199.92 0.53180 593167.59
4123199.92 0.61557
593207.59 4123199.92 0.71250 593247.59
4123199.92 0.82076
593287.59 4123199.92 0.93298 593327.59
4123199.92 1.05019
593367.59 4123199.92 1.17320 593407.59
4123199.92 1.33859
593447.59 4123199.92 1.58715 593487.59
4123199.92 1.93631
593527.59 4123199.92 2.38876 593567.59
4123199.92 2.88005
593607.59 4123199.92 3.27818 593647.59
4123199.92 3.47999
593687.59 4123199.92 3.46653 593727.59

4123199.92 3.28330

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593767.59	4123199.92	2.99354	593807.59	4123199.92	2.65524
593847.59	4123199.92	2.31203	593887.59	4123199.92	1.98963
593927.59	4123199.92	1.70109	593967.59	4123199.92	1.45092
594007.59	4123199.92	1.23879	592567.59	4123239.92	0.14446
592607.59	4123239.92	0.15511	592647.59	4123239.92	0.16731
592687.59	4123239.92	0.18066	592727.59	4123239.92	0.19528
592767.59	4123239.92	0.19607	592807.59	4123239.92	0.21428
592847.59	4123239.92	0.24562	592887.59	4123239.92	0.25883
592927.59	4123239.92	0.31701	592967.59	4123239.92	0.35770
593007.59	4123239.92	0.40571	593047.59	4123239.92	0.46528
593087.59	4123239.92	0.53826	593127.59	4123239.92	0.62996
593167.59	4123239.92	0.74465	593207.59	4123239.92	0.88578
593247.59	4123239.92	1.05362	593287.59	4123239.92	1.24159

593327.59 4123239.92 1.43881 593367.59 4123239.92 1.64600
593407.59 4123239.92 1.92775 593447.59 4123239.92 2.38012
593487.59 4123239.92 3.05593 593527.59 4123239.92 3.87980
593567.59 4123239.92 4.57986 593607.59 4123239.92 4.90544
593647.59 4123239.92 4.81687 593687.59 4123239.92 4.43123
593727.59 4123239.92 3.89643 593767.59 4123239.92 3.32718
593807.59 4123239.92 2.79224 593847.59 4123239.92 2.32406
593887.59 4123239.92 1.92845 593927.59 4123239.92 1.60237
593967.59 4123239.92 1.33702 594007.59 4123239.92 1.12348
592567.59 4123279.92 0.15262 592607.59 4123279.92 0.16448
592647.59 4123279.92 0.17804 592687.59 4123279.92 0.19324
592727.59 4123279.92 0.21030 592767.59 4123279.92 0.22927
592807.59 4123279.92 0.24412 592847.59 4123279.92 0.27026
592887.59 4123279.92 0.28855 592927.59 4123279.92 0.35111
592967.59 4123279.92 0.40001 593007.59 4123279.92 0.45912
593047.59 4123279.92 0.53345 593087.59 4123279.92 0.62763
593127.59 4123279.92 0.75200 593167.59 4123279.92 0.91216
593207.59 4123279.92 1.11629 593247.59 4123279.92 1.38158
593287.59 4123279.92 1.71185 593327.59 4123279.92 2.07468
593367.59 4123279.92 2.46232 593407.59 4123279.92 2.98410
593447.59 4123279.92 3.95991 593487.59 4123279.92 5.43150
593527.59 4123279.92 6.81505 593567.59 4123279.92 7.40235
593607.59 4123279.92 7.08853 593647.59 4123279.92 6.22148
593687.59 4123279.92 5.18800 593727.59 4123279.92 4.20560
593767.59 4123279.92 3.36482 593807.59 4123279.92 2.68635

593847.59   4123279.92   2.15406   593887.59
4123279.92   1.73980
593927.59   4123279.92   1.41949   593967.59
4123279.92   1.17070

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE   ***
INCLUDING SOURCE(S):   L0006774   , L0006775   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	0.97788	592567.59	4123319.92	0.16131
592607.59	4123319.92	0.17430	592647.59	4123319.92	0.18920
592687.59	4123319.92	0.20620	592727.59	4123319.92	0.22581
592767.59	4123319.92	0.24806	592807.59	4123319.92	0.27329
592847.59	4123319.92	0.30468	592887.59	4123319.92	0.33255
592927.59	4123319.92	0.38980	592967.59	4123319.92	0.44769
593007.59	4123319.92	0.52027	593047.59	4123319.92	0.61491
593087.59	4123319.92	0.73839	593127.59	4123319.92	0.90369
593167.59	4123319.92	1.12859	593207.59	4123319.92	1.43166
593247.59	4123319.92	1.86456	593287.59	4123319.92	2.48214
593327.59	4123319.92	3.24452	593367.59	4123319.92	4.05207
593407.59	4123319.92	5.17513	593447.59		

4123319.92 7.82463
593487.59 4123319.92 11.07619 593527.59
4123319.92 12.34152
593567.59 4123319.92 11.27483 593607.59
4123319.92 9.16970
593647.59 4123319.92 7.04440 593687.59
4123319.92 5.30684
593727.59 4123319.92 4.00008 593767.59
4123319.92 3.04169
593807.59 4123319.92 2.34730 593847.59
4123319.92 1.84221
593887.59 4123319.92 1.46973 593927.59
4123319.92 1.19320
593967.59 4123319.92 0.98355 594007.59
4123319.92 0.82458
592567.59 4123359.92 0.17009 592607.59
4123359.92 0.18441
592647.59 4123359.92 0.20082 592687.59
4123359.92 0.21975
592727.59 4123359.92 0.24184 592767.59
4123359.92 0.26757
592807.59 4123359.92 0.29679 592847.59
4123359.92 0.33216
592887.59 4123359.92 0.37628 592927.59
4123359.92 0.43284
592967.59 4123359.92 0.50191 593007.59
4123359.92 0.59140
593047.59 4123359.92 0.70823 593087.59
4123359.92 0.86702
593127.59 4123359.92 1.08804 593167.59
4123359.92 1.40304
593207.59 4123359.92 1.86468 593247.59
4123359.92 2.58522
593287.59 4123359.92 3.78838 593327.59
4123359.92 5.62240
593367.59 4123359.92 7.81774 593407.59
4123359.92 11.15552
593447.59 4123359.92 19.35785 593487.59
4123359.92 23.84843
593527.59 4123359.92 19.97916 593567.59
4123359.92 14.16420
593607.59 4123359.92 9.61277 593647.59
4123359.92 6.55976
593687.59 4123359.92 4.58765 593727.59
4123359.92 3.31152
593767.59 4123359.92 2.46201 593807.59
4123359.92 1.88122
593847.59 4123359.92 1.47524 593887.59
4123359.92 1.18331
593927.59 4123359.92 0.96801 593967.59

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                    INCLUDING SOURCE(S):   L0006774   , L0006775
 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         592767.59   4123399.92   0.28812   592807.59
4123399.92   0.32216
         592847.59   4123399.92   0.36208   592887.59
4123399.92   0.41309
         592927.59   4123399.92   0.47801   592967.59
4123399.92   0.56147
         593007.59   4123399.92   0.66916   593047.59
4123399.92   0.81263
         593087.59   4123399.92   1.01506   593127.59
4123399.92   1.30219
         593167.59   4123399.92   1.74451   593207.59
4123399.92   2.44357
         593247.59   4123399.92   3.66449   593287.59
4123399.92   6.03514
         593327.59   4123399.92   11.12789   593367.59
4123399.92   20.82759
         593407.59   4123399.92   42.72397   593447.59
4123399.92   64.01527
         593487.59   4123399.92   41.26722   593527.59
4123399.92   22.26299

593567.59 4123399.92 12.51771 593607.59
4123399.92 7.56945
593647.59 4123399.92 4.90990 593687.59
4123399.92 3.38270
593727.59 4123399.92 2.44343 593767.59
4123399.92 1.83662
593807.59 4123399.92 1.42509 593847.59
4123399.92 1.13612
593887.59 4123399.92 0.92562 593927.59
4123399.92 0.76832
593967.59 4123399.92 0.64872 594007.59
4123399.92 0.55615
592567.59 4123439.92 0.18927 592607.59
4123439.92 0.20646
592647.59 4123439.92 0.22649 592687.59
4123439.92 0.24987
592727.59 4123439.92 0.27778 592767.59
4123439.92 0.31070
592807.59 4123439.92 0.35011 592847.59
4123439.92 0.39613
592887.59 4123439.92 0.45434 592927.59
4123439.92 0.53086
592967.59 4123439.92 0.62986 593007.59
4123439.92 0.76040
593047.59 4123439.92 0.93940 593087.59
4123439.92 1.19133
593127.59 4123439.92 1.55976 593167.59
4123439.92 2.17195
593207.59 4123439.92 3.19811 593247.59
4123439.92 5.16453
593287.59 4123439.92 9.68078 593327.59
4123439.92 24.17108
593367.59 4123439.92 106.05900 593407.59
4123439.92 356.77879
593447.59 4123439.92 90.02829 593487.59
4123439.92 29.69912
593527.59 4123439.92 13.50653 593567.59
4123439.92 7.47752
593607.59 4123439.92 4.65927 593647.59
4123439.92 3.15313
593687.59 4123439.92 2.27085 593727.59
4123439.92 1.70836
593767.59 4123439.92 1.33113 593807.59
4123439.92 1.06779
593847.59 4123439.92 0.87780 593887.59
4123439.92 0.73604
593927.59 4123439.92 0.62731 593967.59
4123439.92 0.54143
594007.59 4123439.92 0.47259 592567.59
4123479.92 0.20093

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592607.59	4123479.92	0.21965	592647.59	4123479.92	0.24198
592687.59	4123479.92	0.26832	592727.59	4123479.92	0.29968
592767.59	4123479.92	0.33729	592807.59	4123479.92	0.38331
592847.59	4123479.92	0.43814	592887.59	4123479.92	0.50690
592927.59	4123479.92	0.59807	592967.59	4123479.92	0.71820
593007.59	4123479.92	0.88268	593047.59	4123479.92	1.11479
593087.59	4123479.92	1.45747	593127.59	4123479.92	1.99378
593167.59	4123479.92	2.88695	593207.59	4123479.92	4.55588
593247.59	4123479.92	8.15461	593287.59	4123479.92	17.89867
593327.59	4123479.92	55.75240	593367.59	4123479.92	200.65174
593407.59	4123479.92	73.25697	593447.59	4123479.92	22.94962
593487.59	4123479.92	10.87988	593527.59	4123479.92	6.30542
593567.59	4123479.92	4.08883	593607.59	4123479.92	2.85079
593647.59	4123479.92	2.09575	593687.59		

4123479.92 1.60629
593727.59 4123479.92 1.27092 593767.59
4123479.92 1.03341
593807.59 4123479.92 0.85819 593847.59
4123479.92 0.72255
593887.59 4123479.92 0.61639 593927.59
4123479.92 0.53258
593967.59 4123479.92 0.46495 594007.59
4123479.92 0.41030
592567.59 4123519.92 0.21423 592607.59
4123519.92 0.23594
592647.59 4123519.92 0.26106 592687.59
4123519.92 0.29126
592727.59 4123519.92 0.32771 592767.59
4123519.92 0.37209
592807.59 4123519.92 0.42709 592847.59
4123519.92 0.49608
592887.59 4123519.92 0.58125 592927.59
4123519.92 0.69608
592967.59 4123519.92 0.85416 593007.59
4123519.92 1.07768
593047.59 4123519.92 1.40442 593087.59
4123519.92 1.90598
593127.59 4123519.92 2.71054 593167.59
4123519.92 4.08874
593207.59 4123519.92 6.63983 593247.59
4123519.92 11.61643
593287.59 4123519.92 20.98601 593327.59
4123519.92 32.53670
593367.59 4123519.92 32.56764 593407.59
4123519.92 19.27141
593447.59 4123519.92 10.62043 593487.59
4123519.92 6.39381
593527.59 4123519.92 4.17277 593567.59
4123519.92 2.91448
593607.59 4123519.92 2.14750 593647.59
4123519.92 1.64627
593687.59 4123519.92 1.29797 593727.59
4123519.92 1.04811
593767.59 4123519.92 0.86507 593807.59
4123519.92 0.72477
593847.59 4123519.92 0.61844 593887.59
4123519.92 0.53332
593927.59 4123519.92 0.46623 593967.59
4123519.92 0.41068
594007.59 4123519.92 0.36557 592567.59
4123559.92 0.23044
592607.59 4123559.92 0.25580 592647.59
4123559.92 0.28587
592687.59 4123559.92 0.32165 592727.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593247.59	4123559.92	10.25840	593287.59	4123559.92	13.24790
593327.59	4123559.92	14.20621	593367.59	4123559.92	12.70940
593407.59	4123559.92	8.93046	593447.59	4123559.92	5.98111
593487.59	4123559.92	4.19819	593527.59	4123559.92	3.04376
593567.59	4123559.92	2.27511	593607.59	4123559.92	1.73900
593647.59	4123559.92	1.36537	593687.59	4123559.92	1.09777
593727.59	4123559.92	0.90094	593767.59	4123559.92	0.75280

593807.59 4123559.92 0.63745 593847.59
4123559.92 0.54916
593887.59 4123559.92 0.47740 593927.59
4123559.92 0.42027
593967.59 4123559.92 0.37263 594007.59
4123559.92 0.33364
592567.59 4123599.92 0.25241 592607.59
4123599.92 0.28211
592647.59 4123599.92 0.31753 592687.59
4123599.92 0.36071
592727.59 4123599.92 0.41386 592767.59
4123599.92 0.48075
592807.59 4123599.92 0.56369 592847.59
4123599.92 0.66746
592887.59 4123599.92 0.80044 592927.59
4123599.92 0.97807
592967.59 4123599.92 1.22252 593007.59
4123599.92 1.56219
593047.59 4123599.92 2.03590 593087.59
4123599.92 2.69653
593127.59 4123599.92 3.59865 593167.59
4123599.92 4.76575
593207.59 4123599.92 6.11547 593247.59
4123599.92 7.32099
593287.59 4123599.92 7.88133 593327.59
4123599.92 7.69207
593367.59 4123599.92 6.83179 593407.59
4123599.92 5.19643
593447.59 4123599.92 3.77603 593487.59
4123599.92 2.86775
593527.59 4123599.92 2.21467 593567.59
4123599.92 1.75110
593607.59 4123599.92 1.40141 593647.59
4123599.92 1.14242
593687.59 4123599.92 0.94460 593727.59
4123599.92 0.78957
593767.59 4123599.92 0.66903 593807.59
4123599.92 0.57390
593847.59 4123599.92 0.49797 593887.59
4123599.92 0.43588
593927.59 4123599.92 0.38633 593967.59
4123599.92 0.34412
594007.59 4123599.92 0.30970 593087.59
4123639.92 2.76888
593127.59 4123639.92 3.44482 593167.59
4123639.92 4.15335
593207.59 4123639.92 4.73782 593247.59
4123639.92 5.04059
593287.59 4123639.92 4.99927 593327.59
4123639.92 4.74372

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                    INCLUDING SOURCE(S):   L0006774   , L0006775
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594007.59   4123639.92   0.28979   593087.59
4123679.92   2.59181
         593127.59   4123679.92   2.97352   593167.59
4123679.92   3.28980
         593207.59   4123679.92   3.46081   593247.59
4123679.92   3.47382
         593287.59   4123679.92   3.35818   593327.59
4123679.92   3.15669
         593367.59   4123679.92   2.79023   593407.59
4123679.92   2.30160
         593447.59   4123679.92   1.85514   593487.59

4123679.92 1.52062
593527.59 4123679.92 1.27660 593567.59
4123679.92 1.07854
593607.59 4123679.92 0.92156 593647.59
4123679.92 0.79428
593687.59 4123679.92 0.69021 593727.59
4123679.92 0.60358
593767.59 4123679.92 0.53041 593807.59
4123679.92 0.46741
593847.59 4123679.92 0.41534 593887.59
4123679.92 0.36965
593927.59 4123679.92 0.33247 593967.59
4123679.92 0.29980
594007.59 4123679.92 0.27224 593087.59
4123719.92 2.22822
593127.59 4123719.92 2.41654 593167.59
4123719.92 2.52610
593207.59 4123719.92 2.54475 593247.59
4123719.92 2.49429
593287.59 4123719.92 2.40139 593327.59
4123719.92 2.24445
593367.59 4123719.92 1.99684 593407.59
4123719.92 1.68924
593447.59 4123719.92 1.40387 593487.59
4123719.92 1.17943
593527.59 4123719.92 1.01068 593567.59
4123719.92 0.87628
593607.59 4123719.92 0.76203 593647.59
4123719.92 0.66959
593687.59 4123719.92 0.59137 593727.59
4123719.92 0.52488
593767.59 4123719.92 0.46885 593807.59
4123719.92 0.41937
593847.59 4123719.92 0.37663 593887.59
4123719.92 0.33925
593927.59 4123719.92 0.30778 593967.59
4123719.92 0.27988
594007.59 4123719.92 0.25571 593087.59
4123759.92 1.85798
593127.59 4123759.92 1.93390 593167.59
4123759.92 1.95378
593207.59 4123759.92 1.92158 593247.59
4123759.92 1.86901
593287.59 4123759.92 1.80058 593327.59
4123759.92 1.67883
593367.59 4123759.92 1.49827 593407.59
4123759.92 1.29579
593447.59 4123759.92 1.10043 593487.59
4123759.92 0.94341
593527.59 4123759.92 0.82086 593567.59

4123759.92 0.72462
593607.59 4123759.92 0.64118 593647.59
4123759.92 0.56994
593687.59 4123759.92 0.51032 593727.59
4123759.92 0.45854
593767.59 4123759.92 0.41435 593807.59
4123759.92 0.37489
593847.59 4123759.92 0.34067 593887.59
4123759.92 0.31112
593927.59 4123759.92 0.28435 593967.59
4123759.92 0.26042
594007.59 4123759.92 0.23957 593087.59
4123799.92 1.53201
593127.59 4123799.92 1.55000 593167.59
4123799.92 1.53395
593207.59 4123799.92 1.49885 593247.59
4123799.92 1.45540
593287.59 4123799.92 1.39740 593327.59
4123799.92 1.30244

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	1.16910	593407.59	4123799.92	1.02610
593447.59	4123799.92	0.88926	593487.59	4123799.92	0.77255
593527.59	4123799.92	0.68164	593567.59	4123799.92	0.60807
593607.59	4123799.92	0.54701	593647.59	4123799.92	0.49163

```
         593687.59    4123799.92        0.44388                    593727.59
4123799.92        0.40386
         593767.59    4123799.92        0.36717                    593807.59
4123799.92        0.33578
         593847.59    4123799.92        0.30857                    593887.59
4123799.92        0.28444
         593927.59    4123799.92        0.26207                    593967.59
4123799.92        0.24167
         594007.59    4123799.92        0.22398                    593087.59
4123839.92        1.26269
         593127.59    4123839.92        1.25532                    593167.59
4123839.92        1.23168
         593207.59    4123839.92        1.20115                    593247.59
4123839.92        1.16584
         593287.59    4123839.92        1.11601                    593327.59
4123839.92        1.03968
         593367.59    4123839.92        0.94009                    593407.59
4123839.92        0.83424
         593447.59    4123839.92        0.73467                    593487.59
4123839.92        0.64581
         593527.59    4123839.92        0.57543                    593567.59
4123839.92        0.51837
         593607.59    4123839.92        0.47108                    593647.59
4123839.92        0.42839
         593687.59    4123839.92        0.39043                    593727.59
4123839.92        0.35791
         593767.59    4123839.92        0.32788                    593807.59
4123839.92        0.30262
         593847.59    4123839.92        0.27978                    593887.59
4123839.92        0.25933
         593927.59    4123839.92        0.24063                    593967.59
4123839.92        0.22367
         594007.59    4123839.92        0.20862                    593087.59
4123879.92        1.04809
         593127.59    4123879.92        1.03175                    593167.59
4123879.92        1.00931
         593207.59    4123879.92        0.98547                    593247.59
4123879.92        0.95732
         593287.59    4123879.92        0.91191                    593327.59
4123879.92        0.84818
         593367.59    4123879.92        0.77321                    593407.59
4123879.92        0.69318
         593447.59    4123879.92        0.61720                    593487.59
4123879.92        0.54917
         593527.59    4123879.92        0.49282                    593567.59
4123879.92        0.44778
         593607.59    4123879.92        0.41037                    593647.59
4123879.92        0.37713
         593687.59    4123879.92        0.34628                    593727.59
4123879.92        0.31915
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```
         593767.59    4123879.92        0.29493                      593807.59
4123879.92        0.27377
         593847.59    4123879.92        0.25455                      593887.59
4123879.92        0.23694
         593927.59    4123879.92        0.22129                      593967.59
4123879.92        0.20692
         594007.59    4123879.92        0.19412

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                   PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                   INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                  L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                  L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                  L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592567.59    4122799.92        0.07430                      592607.59
4122799.92        0.07845
         592647.59    4122799.92        0.08252                      592687.59
4122799.92        0.08812
         592727.59    4122799.92        0.09336                      592767.59
4122799.92        0.09945
         592807.59    4122799.92        0.10650                      592847.59
4122799.92        0.11221
         592887.59    4122799.92        0.12010                      592927.59
4122799.92        0.12896
         592967.59    4122799.92        0.13833                      593007.59
4122799.92        0.14775
         593047.59    4122799.92        0.16429                      593087.59
```

4122799.92 0.18405
593127.59 4122799.92 0.20071 593167.59 4122799.92 0.21463
593207.59 4122799.92 0.23052 593247.59 4122799.92 0.24123
593287.59 4122799.92 0.25179 593327.59 4122799.92 0.26383
593367.59 4122799.92 0.27884 593407.59 4122799.92 0.29806
593447.59 4122799.92 0.32047 593487.59 4122799.92 0.34627
593527.59 4122799.92 0.37510 593567.59 4122799.92 0.40722
593607.59 4122799.92 0.44237 593647.59 4122799.92 0.48216
593687.59 4122799.92 0.52421 593727.59 4122799.92 0.56685
593767.59 4122799.92 0.60913 593807.59 4122799.92 0.64547
593847.59 4122799.92 0.67593 593887.59 4122799.92 0.69769
593927.59 4122799.92 0.71059 593967.59 4122799.92 0.71479
594007.59 4122799.92 0.71105 592567.59 4122839.92 0.07939
592607.59 4122839.92 0.08386 592647.59 4122839.92 0.08825
592687.59 4122839.92 0.09337 592727.59 4122839.92 0.09971
592767.59 4122839.92 0.10756 592807.59 4122839.92 0.11435
592847.59 4122839.92 0.12158 592887.59 4122839.92 0.12995
592927.59 4122839.92 0.14052 592967.59 4122839.92 0.15131
593007.59 4122839.92 0.17479 593047.59 4122839.92 0.20274
593087.59 4122839.92 0.20847 593127.59 4122839.92 0.22735
593167.59 4122839.92 0.24388 593207.59 4122839.92 0.26150
593247.59 4122839.92 0.27497 593287.59 4122839.92 0.28871
593327.59 4122839.92 0.30399 593367.59 4122839.92 0.32316
593407.59 4122839.92 0.34791 593447.59 4122839.92 0.37704
593487.59 4122839.92 0.41084 593527.59 4122839.92 0.44926
593567.59 4122839.92 0.49291 593607.59

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4122839.92        0.54075
         593647.59    4122839.92        0.59449                       593687.59
4122839.92        0.64848
         593727.59    4122839.92        0.69995                       593767.59
4122839.92        0.74637
         593807.59    4122839.92        0.78299                       593847.59
4122839.92        0.80907
         593887.59    4122839.92        0.82317                       593927.59
4122839.92        0.82588
         593967.59    4122839.92        0.81816                       594007.59
4122839.92        0.80149
         592567.59    4122879.92        0.08536                       592607.59
4122879.92        0.09029
         592647.59    4122879.92        0.09487                       592687.59
4122879.92        0.09983
         592727.59    4122879.92        0.10771                       592767.59
4122879.92        0.11597
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

                                   PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                   INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592807.59    4122879.92        0.12351                       592847.59
4122879.92        0.13346
         592887.59    4122879.92        0.14416                       592927.59
4122879.92        0.15634
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592967.59 4122879.92 0.17084 593007.59
4122879.92 0.19239
593047.59 4122879.92 0.22326 593087.59
4122879.92 0.23693
593127.59 4122879.92 0.25455 593167.59
4122879.92 0.28233
593207.59 4122879.92 0.29948 593247.59
4122879.92 0.31728
593287.59 4122879.92 0.33520 593327.59
4122879.92 0.35539
593367.59 4122879.92 0.38024 593407.59
4122879.92 0.41255
593447.59 4122879.92 0.45153 593487.59
4122879.92 0.49765
593527.59 4122879.92 0.55052 593567.59
4122879.92 0.61173
593607.59 4122879.92 0.67719 593647.59
4122879.92 0.74725
593687.59 4122879.92 0.81424 593727.59
4122879.92 0.87320
593767.59 4122879.92 0.91973 593807.59
4122879.92 0.95073
593847.59 4122879.92 0.96571 593887.59
4122879.92 0.96521
593927.59 4122879.92 0.95106 593967.59
4122879.92 0.92550
594007.59 4122879.92 0.89095 592567.59
4122919.92 0.09189
592607.59 4122919.92 0.09697 592647.59
4122919.92 0.10288
592687.59 4122919.92 0.10953 592727.59
4122919.92 0.11753
592767.59 4122919.92 0.12571 592807.59
4122919.92 0.13442
592847.59 4122919.92 0.14613 592887.59
4122919.92 0.15750
592927.59 4122919.92 0.17954 592967.59
4122919.92 0.21057
593007.59 4122919.92 0.22731 593047.59
4122919.92 0.24335
593087.59 4122919.92 0.27059 593127.59
4122919.92 0.29592
593167.59 4122919.92 0.32568 593207.59
4122919.92 0.34762
593247.59 4122919.92 0.37137 593287.59
4122919.92 0.39444
593327.59 4122919.92 0.42225 593367.59
4122919.92 0.45544
593407.59 4122919.92 0.49939 593447.59
4122919.92 0.55394

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         593487.59    4122919.92        0.61944                      593527.59
4122919.92        0.69504
         593567.59    4122919.92        0.78084                      593607.59
4122919.92        0.87054
         593647.59    4122919.92        0.95907                      593687.59
4122919.92        1.03683
         593727.59    4122919.92        1.09656                      593767.59
4122919.92        1.13439
         593807.59    4122919.92        1.14933                      593847.59
4122919.92        1.14292
         593887.59    4122919.92        1.11825                      593927.59
4122919.92        1.07905
         593967.59    4122919.92        1.02908                      594007.59
4122919.92        0.97182
         592567.59    4122959.92        0.10025                      592607.59
4122959.92        0.10522
         592647.59    4122959.92        0.11174                      592687.59
4122959.92        0.11914
         592727.59    4122959.92        0.12807                      592767.59
4122959.92        0.13734
         592807.59    4122959.92        0.14727                      592847.59
4122959.92        0.16099
         592887.59    4122959.92        0.17421                      592927.59
4122959.92        0.19437
         592967.59    4122959.92        0.22388                      593007.59
4122959.92        0.26060
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                    INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                  L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                  L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                  L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.28858	593087.59	4122959.92	0.30900
593127.59	4122959.92	0.34826	593167.59	4122959.92	0.38017
593207.59	4122959.92	0.41024	593247.59	4122959.92	0.44256
593287.59	4122959.92	0.47390	593327.59	4122959.92	0.51259
593367.59	4122959.92	0.55776	593407.59	4122959.92	0.62067
593447.59	4122959.92	0.69869	593487.59	4122959.92	0.79626
593527.59	4122959.92	0.90594	593567.59	4122959.92	1.02933
593607.59	4122959.92	1.14784	593647.59	4122959.92	1.25263
593687.59	4122959.92	1.33175	593727.59	4122959.92	1.37802
593767.59	4122959.92	1.39083	593807.59	4122959.92	1.37353
593847.59	4122959.92	1.33164	593887.59	4122959.92	1.27132
593927.59	4122959.92	1.19850	593967.59	4122959.92	1.11830
594007.59	4122959.92	1.03495	592567.59	4122999.92	0.11231
592607.59	4122999.92	0.11442	592647.59	4122999.92	0.12133
592687.59	4122999.92	0.12966	592727.59	4122999.92	0.13975
592767.59	4122999.92	0.15075	592807.59	4122999.92	0.16277
592847.59	4122999.92	0.17780	592887.59	4122999.92	0.19466
592927.59	4122999.92	0.22022	592967.59	4122999.92	0.25310
593007.59	4122999.92	0.29293	593047.59	4122999.92	0.32787
593087.59	4122999.92	0.35310	593127.59	4122999.92	0.40790
593167.59	4122999.92	0.45008	593207.59	4122999.92	0.49226
593247.59	4122999.92	0.53772	593287.59	4122999.92	0.58197
593327.59	4122999.92	0.63736	593367.59		

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4122999.92        0.70396
         593407.59    4122999.92        0.79952                      593447.59
4122999.92        0.91822
         593487.59    4122999.92        1.06917                      593527.59
4122999.92        1.23417
         593567.59    4122999.92        1.40381                      593607.59
4122999.92        1.54981
         593647.59    4122999.92        1.65552                      593687.59
4122999.92        1.71110
         593727.59    4122999.92        1.71661                      593767.59
4122999.92        1.67882
         593807.59    4122999.92        1.60793                      593847.59
4122999.92        1.51428
         593887.59    4122999.92        1.40743                      593927.59
4122999.92        1.29455
         593967.59    4122999.92        1.18100                      594007.59
4122999.92        1.07112
         592567.59    4123039.92        0.12734                      592607.59
4123039.92        0.12538
         592647.59    4123039.92        0.13222                      592687.59
4123039.92        0.14163
         592727.59    4123039.92        0.15295                      592767.59
4123039.92        0.16637
         592807.59    4123039.92        0.18110                      592847.59
4123039.92        0.19793
         592887.59    4123039.92        0.22009                      592927.59
4123039.92        0.25037
         592967.59    4123039.92        0.29133                      593007.59
4123039.92        0.33510
         593047.59    4123039.92        0.37666                      593087.59
4123039.92        0.41714
         593127.59    4123039.92        0.48234                      593167.59
4123039.92        0.54186
         593207.59    4123039.92        0.60424                      593247.59
4123039.92        0.66988
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                  INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
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 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593287.59    4123039.92        0.73490                      593327.59
4123039.92        0.81837
         593367.59    4123039.92        0.92185                      593407.59
4123039.92        1.07591
         593447.59    4123039.92        1.27088                      593487.59
4123039.92        1.51179
         593527.59    4123039.92        1.75617                      593567.59
4123039.92        1.97123
         593607.59    4123039.92        2.11788                      593647.59
4123039.92        2.18266
         593687.59    4123039.92        2.16928                      593727.59
4123039.92        2.09292
         593767.59    4123039.92        1.97244                      593807.59
4123039.92        1.82553
         593847.59    4123039.92        1.66632                      593887.59
4123039.92        1.50628
         593927.59    4123039.92        1.35168                      593967.59
4123039.92        1.20630
         594007.59    4123039.92        1.07342                      592567.59
4123079.92        0.14165
         592607.59    4123079.92        0.14017                      592647.59
4123079.92        0.14466
         592687.59    4123079.92        0.15546                      592727.59
4123079.92        0.16817
         592767.59    4123079.92        0.18344                      592807.59
4123079.92        0.20089
         592847.59    4123079.92        0.22309                      592887.59
4123079.92        0.25145
         592927.59    4123079.92        0.29538                      592967.59
4123079.92        0.33539
         593007.59    4123079.92        0.38457                      593047.59
4123079.92        0.44048
         593087.59    4123079.92        0.50353                      593127.59
4123079.92        0.57728
         593167.59    4123079.92        0.66181                      593207.59
4123079.92        0.75637
```

```
         593247.59    4123079.92        0.86002                      593287.59
4123079.92        0.96312
         593327.59    4123079.92        1.09780                      593367.59
4123079.92        1.27275
         593407.59    4123079.92        1.54316                      593447.59
4123079.92        1.88474
         593487.59    4123079.92        2.27021                      593527.59
4123079.92        2.60068
         593567.59    4123079.92        2.81305                      593607.59
4123079.92        2.88070
         593647.59    4123079.92        2.82069                      593687.59
4123079.92        2.66858
         593727.59    4123079.92        2.46112                      593767.59
4123079.92        2.22795
         593807.59    4123079.92        1.98985                      593847.59
4123079.92        1.76060
         593887.59    4123079.92        1.54887                      593927.59
4123079.92        1.35777
         593967.59    4123079.92        1.18771                      594007.59
4123079.92        1.03935
         592567.59    4123119.92        0.15123                      592607.59
4123119.92        0.16223
         592647.59    4123119.92        0.16129                      592687.59
4123119.92        0.17090
         592727.59    4123119.92        0.18534                      592767.59
4123119.92        0.20284
         592807.59    4123119.92        0.22299                      592847.59
4123119.92        0.24921
         592887.59    4123119.92        0.28991                      592927.59
4123119.92        0.33764
         592967.59    4123119.92        0.38427                      593007.59
4123119.92        0.44339
         593047.59    4123119.92        0.51318                      593087.59
4123119.92        0.59785
         593127.59    4123119.92        0.70268                      593167.59
4123119.92        0.82958
         593207.59    4123119.92        0.97859                      593247.59
4123119.92        1.15050
         593287.59    4123119.92        1.32970                      593327.59
4123119.92        1.56829
         593367.59    4123119.92        1.90973                      593407.59
4123119.92        2.43572
         593447.59    4123119.92        3.05561                      593487.59
4123119.92        3.61475
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***          08:18:36

                                  PAGE 192
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	3.93460	593567.59	4123119.92	3.97421
593607.59	4123119.92	3.79825	593647.59	4123119.92	3.49166
593687.59	4123119.92	3.12668	593727.59	4123119.92	2.75091
593767.59	4123119.92	2.39233	593807.59	4123119.92	2.06489
593847.59	4123119.92	1.77464	593887.59	4123119.92	1.52369
593927.59	4123119.92	1.30864	593967.59	4123119.92	1.12566
594007.59	4123119.92	0.97201	592567.59	4123159.92	0.16106
592607.59	4123159.92	0.17391	592647.59	4123159.92	0.18833
592687.59	4123159.92	0.18911	592727.59	4123159.92	0.20485
592767.59	4123159.92	0.22484	592807.59	4123159.92	0.24996
592847.59	4123159.92	0.28028	592887.59	4123159.92	0.32866
592927.59	4123159.92	0.38096	592967.59	4123159.92	0.43989
593007.59	4123159.92	0.51266	593047.59	4123159.92	0.60058
593087.59	4123159.92	0.71429	593127.59		

4123159.92 0.86237
593167.59 4123159.92 1.05829 593207.59
4123159.92 1.30891
593247.59 4123159.92 1.62087 593287.59
4123159.92 1.97140
593327.59 4123159.92 2.46355 593367.59
4123159.92 3.27588
593407.59 4123159.92 4.38383 593447.59
4123159.92 5.41868
593487.59 4123159.92 5.93513 593527.59
4123159.92 5.82918
593567.59 4123159.92 5.34020 593607.59
4123159.92 4.70337
593647.59 4123159.92 4.04616 593687.59
4123159.92 3.43279
593727.59 4123159.92 2.88943 593767.59
4123159.92 2.42258
593807.59 4123159.92 2.02886 593847.59
4123159.92 1.70072
593887.59 4123159.92 1.43081 593927.59
4123159.92 1.20925
593967.59 4123159.92 1.02757 594007.59
4123159.92 0.87935
592567.59 4123199.92 0.17077 592607.59
4123199.92 0.18511
592647.59 4123199.92 0.20149 592687.59
4123199.92 0.21834
592727.59 4123199.92 0.22630 592767.59
4123199.92 0.25013
592807.59 4123199.92 0.27970 592847.59
4123199.92 0.32874
592887.59 4123199.92 0.37534 592927.59
4123199.92 0.43278
592967.59 4123199.92 0.50380 593007.59
4123199.92 0.59248
593047.59 4123199.92 0.70915 593087.59
4123199.92 0.86466
593127.59 4123199.92 1.07513 593167.59
4123199.92 1.38020
593207.59 4123199.92 1.81884 593247.59
4123199.92 2.45522
593287.59 4123199.92 3.29519 593327.59
4123199.92 4.72458
593367.59 4123199.92 7.09052 593407.59
4123199.92 9.19661
593447.59 4123199.92 10.14439 593487.59
4123199.92 9.33500
593527.59 4123199.92 7.92222 593567.59
4123199.92 6.53236
593607.59 4123199.92 5.32626 593647.59

4123199.92   4.31905
         593687.59   4123199.92   3.49447   593727.59
4123199.92   2.83178

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                    INCLUDING SOURCE(S):   L0006636   , L0006637
 , L0006638   , L0006639   , L0006640   ,
                  L0006641   , L0006642   , L0006643   , L0006644   , L0006645
 , L0006646   , L0006647   , L0006648   ,
                  L0006649   , L0006650   , L0006651   , L0006652   , L0006653
 , L0006654   , L0006655   , L0006656   ,
                  L0006657   , L0006658   , L0006659   , L0006660   , L0006661
 , L0006662   , L0006663   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593767.59   4123199.92   2.30278   593807.59
4123199.92   1.88207
         593847.59   4123199.92   1.54891   593887.59
4123199.92   1.28472
         593927.59   4123199.92   1.07468   593967.59
4123199.92   0.90715
         594007.59   4123199.92   0.77319   592567.59
4123239.92   0.18092
         592607.59   4123239.92   0.19688   592647.59
4123239.92   0.21559
         592687.59   4123239.92   0.23664   592727.59
4123239.92   0.25968
         592767.59   4123239.92   0.27776   592807.59
4123239.92   0.31620
         592847.59   4123239.92   0.36374   592887.59
4123239.92   0.41068
         592927.59   4123239.92   0.48412   592967.59
4123239.92   0.57410

593007.59 4123239.92 0.68643 593047.59 4123239.92 0.83986
593087.59 4123239.92 1.05220 593127.59 4123239.92 1.36329
593167.59 4123239.92 1.84243 593207.59 4123239.92 2.63726
593247.59 4123239.92 4.13395 593287.59 4123239.92 7.24817
593327.59 4123239.92 15.24116 593367.59 4123239.92 19.19480
593407.59 4123239.92 22.45092 593447.59 4123239.92 17.02303
593487.59 4123239.92 12.46641 593527.59 4123239.92 9.33493
593567.59 4123239.92 7.10491 593607.59 4123239.92 5.45683
593647.59 4123239.92 4.21915 593687.59 4123239.92 3.28799
593727.59 4123239.92 2.58606 593767.59 4123239.92 2.05528
593807.59 4123239.92 1.65245 593847.59 4123239.92 1.34569
593887.59 4123239.92 1.10879 593927.59 4123239.92 0.92448
593967.59 4123239.92 0.77967 594007.59 4123239.92 0.66552
592567.59 4123279.92 0.19186 592607.59 4123279.92 0.20969
592647.59 4123279.92 0.23056 592687.59 4123279.92 0.25462
592727.59 4123279.92 0.28249 592767.59 4123279.92 0.31408
592807.59 4123279.92 0.35279 592847.59 4123279.92 0.40322
592887.59 4123279.92 0.45826 592927.59 4123279.92 0.54635
592967.59 4123279.92 0.65528 593007.59 4123279.92 0.79766
593047.59 4123279.92 0.99718 593087.59 4123279.92 1.28764
593127.59 4123279.92 1.74696 593167.59 4123279.92 2.51453
593207.59 4123279.92 3.97059 593247.59 4123279.92 7.77660
593287.59 4123279.92 29.92075 593327.59 4123279.92 46.51589
593367.59 4123279.92 41.06745 593407.59 4123279.92 33.90005
593447.59 4123279.92 20.43043 593487.59 4123279.92 13.69708

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                   INCLUDING SOURCE(S):   L0006636   , L0006637
 , L0006638   , L0006639   , L0006640   ,
                  L0006641   , L0006642   , L0006643   , L0006644   , L0006645
 , L0006646   , L0006647   , L0006648   ,
                  L0006649   , L0006650   , L0006651   , L0006652   , L0006653
 , L0006654   , L0006655   , L0006656   ,
                  L0006657   , L0006658   , L0006659   , L0006660   , L0006661
 , L0006662   , L0006663   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594007.59   4123279.92   0.56702   592567.59
4123319.92   0.20400
         592607.59   4123319.92   0.22371   592647.59
4123319.92   0.24688
         592687.59   4123319.92   0.27410   592727.59
4123319.92   0.30651
         592767.59   4123319.92   0.34470   592807.59
4123319.92   0.38964
         592847.59   4123319.92   0.44831   592887.59

4123319.92 0.52156
592927.59 4123319.92 0.62353 592967.59
4123319.92 0.75626
593007.59 4123319.92 0.94003 593047.59
4123319.92 1.21079
593087.59 4123319.92 1.62637 593127.59
4123319.92 2.31788
593167.59 4123319.92 3.59670 593207.59
4123319.92 6.33685
593247.59 4123319.92 14.07894 593287.59
4123319.92 46.87007
593327.59 4123319.92 58.79053 593367.59
4123319.92 54.67899
593407.59 4123319.92 34.54734 593447.59
4123319.92 21.00446
593487.59 4123319.92 13.48761 593527.59
4123319.92 8.94566
593567.59 4123319.92 6.11369 593607.59
4123319.92 4.29816
593647.59 4123319.92 3.10768 593687.59
4123319.92 2.31503
593727.59 4123319.92 1.77497 593767.59
4123319.92 1.39397
593807.59 4123319.92 1.11958 593847.59
4123319.92 0.91729
593887.59 4123319.92 0.76414 593927.59
4123319.92 0.64698
593967.59 4123319.92 0.55494 594007.59
4123319.92 0.48297
592567.59 4123359.92 0.21733 592607.59
4123359.92 0.23949
592647.59 4123359.92 0.26560 592687.59
4123359.92 0.29669
592727.59 4123359.92 0.33430 592767.59
4123359.92 0.37996
592807.59 4123359.92 0.43446 592847.59
4123359.92 0.50406
592887.59 4123359.92 0.59632 592927.59
4123359.92 0.72341
592967.59 4123359.92 0.89415 593007.59
4123359.92 1.14074
593047.59 4123359.92 1.50976 593087.59
4123359.92 2.10141
593127.59 4123359.92 3.11402 593167.59
4123359.92 4.98637
593207.59 4123359.92 8.80341 593247.59
4123359.92 18.04187
593287.59 4123359.92 53.05712 593327.59
4123359.92 62.28809
593367.59 4123359.92 52.40909 593407.59

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4123359.92       33.86921
         593447.59    4123359.92       19.27029                       593487.59
4123359.92       11.76763
         593527.59    4123359.92        7.34715                       593567.59
4123359.92        4.79766
         593607.59    4123359.92        3.29816                       593647.59
4123359.92        2.37453
         593687.59    4123359.92        1.77919                       593727.59
4123359.92        1.38066
         593767.59    4123359.92        1.10089                       593807.59
4123359.92        0.89775
         593847.59    4123359.92        0.74707                       593887.59
4123359.92        0.63221
         593927.59    4123359.92        0.54264                       593967.59
4123359.92        0.47100
         594007.59    4123359.92        0.41306                       592567.59
4123399.92        0.23307
         592607.59    4123399.92        0.25830                       592647.59
4123399.92        0.28830
         592687.59    4123399.92        0.32433                       592727.59
4123399.92        0.36900
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***       08:18:36

                                    PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                    INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                  L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                  L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                  L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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592767.59 4123399.92 0.42390 592807.59 4123399.92 0.49164
592847.59 4123399.92 0.57652 592887.59 4123399.92 0.69219
592927.59 4123399.92 0.85140 592967.59 4123399.92 1.07564
593007.59 4123399.92 1.39806 593047.59 4123399.92 1.88248
593087.59 4123399.92 2.65553 593127.59 4123399.92 3.92024
593167.59 4123399.92 6.15129 593207.59 4123399.92 10.35686
593247.59 4123399.92 20.03349 593287.59 4123399.92 56.51884
593327.59 4123399.92 63.45297 593367.59 4123399.92 70.66685
593407.59 4123399.92 35.42401 593447.59 4123399.92 16.38031
593487.59 4123399.92 8.62832 593527.59 4123399.92 5.13117
593567.59 4123399.92 3.36658 593607.59 4123399.92 2.36703
593647.59 4123399.92 1.75320 593687.59 4123399.92 1.35277
593727.59 4123399.92 1.07559 593767.59 4123399.92 0.87706
593807.59 4123399.92 0.72947 593847.59 4123399.92 0.61722
593887.59 4123399.92 0.52940 593927.59 4123399.92 0.45952
593967.59 4123399.92 0.40345 594007.59 4123399.92 0.35796
592567.59 4123439.92 0.25250 592607.59 4123439.92 0.28163
592647.59 4123439.92 0.31682 592687.59 4123439.92 0.35967
592727.59 4123439.92 0.41306 592767.59 4123439.92 0.47952
592807.59 4123439.92 0.56394 592847.59 4123439.92 0.66974
592887.59 4123439.92 0.81229 592927.59 4123439.92 1.01187
592967.59 4123439.92 1.29022 593007.59 4123439.92 1.68682
593047.59 4123439.92 2.27084 593087.59 4123439.92 3.14895
593127.59 4123439.92 4.50532 593167.59 4123439.92 6.80183
593207.59 4123439.92 10.89792 593247.59 4123439.92 20.14346

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         593287.59    4123439.92       58.00543                       593327.59
4123439.92       80.07603
         593367.59    4123439.92       93.55807                       593407.59
4123439.92       21.31806
         593447.59    4123439.92        8.93417                       593487.59
4123439.92        5.02033
         593527.59    4123439.92        3.25053                       593567.59
4123439.92        2.29133
         593607.59    4123439.92        1.70201                       593647.59
4123439.92        1.31542
         593687.59    4123439.92        1.05056                       593727.59
4123439.92        0.85886
         593767.59    4123439.92        0.71641                       593807.59
4123439.92        0.60824
         593847.59    4123439.92        0.52457                       593887.59
4123439.92        0.45829
         593927.59    4123439.92        0.40473                       593967.59
4123439.92        0.36037
         594007.59    4123439.92        0.32330                       592567.59
4123479.92        0.27728
         592607.59    4123479.92        0.31099                       592647.59
4123479.92        0.35263
         592687.59    4123479.92        0.40375                       592727.59
4123479.92        0.46733
         592767.59    4123479.92        0.54736                       592807.59
4123479.92        0.64997
         592847.59    4123479.92        0.78017                       592887.59
4123479.92        0.95118
         592927.59    4123479.92        1.18584                       592967.59
4123479.92        1.50628
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                   INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	1.95395	593047.59	4123479.92	2.58773
593087.59	4123479.92	3.50291	593127.59	4123479.92	4.86201
593167.59	4123479.92	6.96555	593207.59	4123479.92	10.56227
593247.59	4123479.92	17.70792	593287.59	4123479.92	30.46421
593327.59	4123479.92	32.07549	593367.59	4123479.92	16.67079
593407.59	4123479.92	7.75329	593447.59	4123479.92	4.54421
593487.59	4123479.92	3.03624	593527.59	4123479.92	2.18845
593567.59	4123479.92	1.65737	593607.59	4123479.92	1.29955
593647.59	4123479.92	1.04737	593687.59	4123479.92	0.86401
593727.59	4123479.92	0.72599	593767.59	4123479.92	0.62048
593807.59	4123479.92	0.53745	593847.59	4123479.92	0.46926
593887.59	4123479.92	0.41315	593927.59	4123479.92	0.36696
593967.59	4123479.92	0.32825	594007.59	4123479.92	0.29599
592567.59	4123519.92	0.30659	592607.59	4123519.92	0.34695
592647.59	4123519.92	0.39566	592687.59	4123519.92	0.45584
592727.59	4123519.92	0.53068	592767.59	4123519.92	0.62470
592807.59	4123519.92	0.74424	592847.59	4123519.92	0.89775
592887.59	4123519.92	1.09240	592927.59	4123519.92	1.35089
592967.59	4123519.92	1.69720	593007.59	4123519.92	2.16305
593047.59	4123519.92	2.79168	593087.59	4123519.92	3.64473
593127.59	4123519.92	4.80641	593167.59		

4123519.92   6.39457
         593207.59   4123519.92   8.48681   593247.59
4123519.92   10.61328
         593287.59   4123519.92   11.26934   593327.59
4123519.92   9.27361
         593367.59   4123519.92   6.34028   593407.59
4123519.92   4.19903
         593447.59   4123519.92   2.95656   593487.59
4123519.92   2.18554
         593527.59   4123519.92   1.67854   593567.59
4123519.92   1.33061
         593607.59   4123519.92   1.08259   593647.59
4123519.92   0.89833
         593687.59   4123519.92   0.75558   593727.59
4123519.92   0.64334
         593767.59   4123519.92   0.55471   593807.59
4123519.92   0.48218
         593847.59   4123519.92   0.42439   593887.59
4123519.92   0.37593
         593927.59   4123519.92   0.33635   593967.59
4123519.92   0.30241
         594007.59   4123519.92   0.27410   592567.59
4123559.92   0.33999
         592607.59   4123559.92   0.38725   592647.59
4123559.92   0.44403
         592687.59   4123559.92   0.51307   592727.59
4123559.92   0.59818
         592767.59   4123559.92   0.70390   592807.59
4123559.92   0.83600
         592847.59   4123559.92   1.00204   592887.59
4123559.92   1.21183
         592927.59   4123559.92   1.47382   592967.59
4123559.92   1.79922
         593007.59   4123559.92   2.20463   593047.59
4123559.92   2.71886
         593087.59   4123559.92   3.35502   593127.59
4123559.92   4.10750
         593167.59   4123559.92   4.91613   593207.59
4123559.92   5.60836

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITECI ***
                                  INCLUDING SOURCE(S):   L0006636   , L0006637

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 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593247.59    4123559.92        5.91296                      593287.59
4123559.92        5.62391
         593327.59    4123559.92        4.75515                      593367.59
4123559.92        3.64355
         593407.59    4123559.92        2.72603                      593447.59
4123559.92        2.10033
         593487.59    4123559.92        1.65997                      593527.59
4123559.92        1.34003
         593567.59    4123559.92        1.10148                      593607.59
4123559.92        0.91629
         593647.59    4123559.92        0.77349                      593687.59
4123559.92        0.66110
         593727.59    4123559.92        0.57105                      593767.59
4123559.92        0.49797
         593807.59    4123559.92        0.43712                      593847.59
4123559.92        0.38803
         593887.59    4123559.92        0.34615                      593927.59
4123559.92        0.31150
         593967.59    4123559.92        0.28158                      594007.59
4123559.92        0.25639
         592567.59    4123599.92        0.37785                      592607.59
4123599.92        0.43063
         592647.59    4123599.92        0.49367                      592687.59
4123599.92        0.56987
         592727.59    4123599.92        0.66233                      592767.59
4123599.92        0.77514
         592807.59    4123599.92        0.90873                      592847.59
4123599.92        1.06628
         592887.59    4123599.92        1.25248                      592927.59
4123599.92        1.47844
         592967.59    4123599.92        1.75531                      593007.59
4123599.92        2.08661
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         593047.59    4123599.92        2.46733                     593087.59
4123599.92        2.88134
         593127.59    4123599.92        3.28630                     593167.59
4123599.92        3.61220
         593207.59    4123599.92        3.78596                     593247.59
4123599.92        3.75607
         593287.59    4123599.92        3.49878                     593327.59
4123599.92        3.02066
         593367.59    4123599.92        2.44185                     593407.59
4123599.92        1.93631
         593447.59    4123599.92        1.55965                     593487.59
4123599.92        1.28540
         593527.59    4123599.92        1.07130                     593567.59
4123599.92        0.90678
         593607.59    4123599.92        0.77295                     593647.59
4123599.92        0.66716
         593687.59    4123599.92        0.58103                     593727.59
4123599.92        0.50886
         593767.59    4123599.92        0.44907                     593807.59
4123599.92        0.39896
         593847.59    4123599.92        0.35674                     593887.59
4123599.92        0.32048
         593927.59    4123599.92        0.29039                     593967.59
4123599.92        0.26373
         594007.59    4123599.92        0.24136                     593087.59
4123639.92        2.42368
         593127.59    4123639.92        2.62104                     593167.59
4123639.92        2.73092
         593207.59    4123639.92        2.72709                     593247.59
4123639.92        2.62413
         593287.59    4123639.92        2.41233                     593327.59
4123639.92        2.10264
         593367.59    4123639.92        1.74476                     593407.59
4123639.92        1.43587
         593447.59    4123639.92        1.19499                     593487.59
4123639.92        1.01359
         593527.59    4123639.92        0.86872                     593567.59
4123639.92        0.75148
         593607.59    4123639.92        0.65577                     593647.59
4123639.92        0.57520
         593687.59    4123639.92        0.50993                     593727.59
4123639.92        0.45319
         593767.59    4123639.92        0.40552                     593807.59
4123639.92        0.36392
         593847.59    4123639.92        0.32864                     593887.59
4123639.92        0.29712
         593927.59    4123639.92        0.27101                     593967.59
4123639.92        0.24752
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 , L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 , L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 , L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123639.92	0.22750	593087.59	4123679.92	2.00336
593127.59	4123679.92	2.05717	593167.59	4123679.92	2.05427
593207.59	4123679.92	2.00124	593247.59	4123679.92	1.90720
593287.59	4123679.92	1.75038	593327.59	4123679.92	1.54163
593367.59	4123679.92	1.31381	593407.59	4123679.92	1.10923
593447.59	4123679.92	0.94736	593487.59	4123679.92	0.81897
593527.59	4123679.92	0.71716	593567.59	4123679.92	0.63109
593607.59	4123679.92	0.56005	593647.59	4123679.92	0.49959
593687.59	4123679.92	0.44810	593727.59	4123679.92	0.40385
593767.59	4123679.92	0.36535	593807.59	4123679.92	0.33105
593847.59	4123679.92	0.30179	593887.59	4123679.92	0.27507
593927.59	4123679.92	0.25267	593967.59		

4123679.92 0.23224
593947.59 4123679.92 0.21450 593087.59 4123719.92 1.60342
593127.59 4123719.92 1.60327 593167.59 4123719.92 1.57414
593207.59 4123719.92 1.52372 593247.59 4123719.92 1.44733
593287.59 4123719.92 1.33217 593327.59 4123719.92 1.18384
593367.59 4123719.92 1.02906 593407.59 4123719.92 0.88652
593447.59 4123719.92 0.77043 593487.59 4123719.92 0.67733
593527.59 4123719.92 0.60132 593567.59 4123719.92 0.53800
593607.59 4123719.92 0.48271 593647.59 4123719.92 0.43640
593687.59 4123719.92 0.39561 593727.59 4123719.92 0.35978
593767.59 4123719.92 0.32887 593807.59 4123719.92 0.30094
593847.59 4123719.92 0.27626 593887.59 4123719.92 0.25408
593927.59 4123719.92 0.23497 593967.59 4123719.92 0.21752
594007.59 4123719.92 0.20198 593087.59 4123759.92 1.29274
593127.59 4123759.92 1.27563 593167.59 4123759.92 1.24529
593207.59 4123759.92 1.19985 593247.59 4123759.92 1.13726
593287.59 4123759.92 1.05085 593327.59 4123759.92 0.94251
593367.59 4123759.92 0.82980 593407.59 4123759.92 0.72790
593447.59 4123759.92 0.64027 593487.59 4123759.92 0.57063
593527.59 4123759.92 0.51234 593567.59 4123759.92 0.46394
593607.59 4123759.92 0.42098 593647.59 4123759.92 0.38349
593687.59 4123759.92 0.35111 593727.59 4123759.92 0.32199
593767.59 4123759.92 0.29652 593807.59 4123759.92 0.27331
593847.59 4123759.92 0.25288 593887.59 4123759.92 0.23497
593927.59 4123759.92 0.21841 593967.59 4123759.92 0.20327
594007.59 4123759.92 0.18981 593087.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	0.68636	593407.59	4123799.92	0.60967
593447.59	4123799.92	0.54299	593487.59	4123799.92	0.48780
593527.59	4123799.92	0.44278	593567.59	4123799.92	0.40392
593607.59	4123799.92	0.37073	593647.59	4123799.92	0.34016
593687.59	4123799.92	0.31322	593727.59	4123799.92	0.29001
593767.59	4123799.92	0.26808	593807.59	4123799.92	0.24893
593847.59	4123799.92	0.23212	593887.59	4123799.92	0.21706

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         593927.59    4123799.92        0.20289                    593967.59
4123799.92        0.18976
         594007.59    4123799.92        0.17821                    593087.59
4123839.92        0.87838
         593127.59    4123839.92        0.85984                    593167.59
4123839.92        0.83713
         593207.59    4123839.92        0.80569                    593247.59
4123839.92        0.76119
         593287.59    4123839.92        0.70516                    593327.59
4123839.92        0.64283
         593367.59    4123839.92        0.57923                    593407.59
4123839.92        0.51949
         593447.59    4123839.92        0.46741                    593487.59
4123839.92        0.42277
         593527.59    4123839.92        0.38665                    593567.59
4123839.92        0.35548
         593607.59    4123839.92        0.32856                    593647.59
4123839.92        0.30389
         593687.59    4123839.92        0.28169                    593727.59
4123839.92        0.26230
         593767.59    4123839.92        0.24386                    593807.59
4123839.92        0.22801
         593847.59    4123839.92        0.21344                    593887.59
4123839.92        0.20025
         593927.59    4123839.92        0.18807                    593967.59
4123839.92        0.17692
         594007.59    4123839.92        0.16693                    593087.59
4123879.92        0.74174
         593127.59    4123879.92        0.72585                    593167.59
4123879.92        0.70634
         593207.59    4123879.92        0.67911                    593247.59
4123879.92        0.64195
         593287.59    4123879.92        0.59492                    593327.59
4123879.92        0.54494
         593367.59    4123879.92        0.49631                    593407.59
4123879.92        0.44917
         593447.59    4123879.92        0.40695                    593487.59
4123879.92        0.37082
         593527.59    4123879.92        0.34082                    593567.59
4123879.92        0.31561
         593607.59    4123879.92        0.29360                    593647.59
4123879.92        0.27360
         593687.59    4123879.92        0.25488                    593727.59
4123879.92        0.23824
         593767.59    4123879.92        0.22304                    593807.59
4123879.92        0.20946
         593847.59    4123879.92        0.19688                    593887.59
4123879.92        0.18519
         593927.59    4123879.92        0.17473                    593967.59
4123879.92        0.16504
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594007.59 4123879.92 0.15638

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592567.59	4122799.92	0.00020	592607.59	4122799.92	0.00021
592647.59	4122799.92	0.00022	592687.59	4122799.92	0.00024
592727.59	4122799.92	0.00025	592767.59	4122799.92	0.00026
592807.59	4122799.92	0.00027	592847.59	4122799.92	0.00028
592887.59	4122799.92	0.00030	592927.59	4122799.92	0.00031
592967.59	4122799.92	0.00033	593007.59	4122799.92	0.00034
593047.59	4122799.92	0.00036	593087.59	4122799.92	0.00037
593127.59	4122799.92	0.00039	593167.59	4122799.92	0.00041
593207.59	4122799.92	0.00043	593247.59	4122799.92	0.00045
593287.59	4122799.92	0.00047	593327.59	4122799.92	0.00050
593367.59	4122799.92	0.00053	593407.59	4122799.92	0.00057
593447.59	4122799.92	0.00063	593487.59	4122799.92	0.00069
593527.59	4122799.92	0.00078	593567.59		

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4122799.92        0.00089
         593607.59    4122799.92        0.00099                    593647.59
4122799.92        0.00108
         593687.59    4122799.92        0.00114                    593727.59
4122799.92        0.00120
         593767.59    4122799.92        0.00130                    593807.59
4122799.92        0.00144
         593847.59    4122799.92        0.00168                    593887.59
4122799.92        0.00201
         593927.59    4122799.92        0.00239                    593967.59
4122799.92        0.00284
         594007.59    4122799.92        0.00338                    592567.59
4122839.92        0.00021
         592607.59    4122839.92        0.00022                    592647.59
4122839.92        0.00023
         592687.59    4122839.92        0.00025                    592727.59
4122839.92        0.00026
         592767.59    4122839.92        0.00027                    592807.59
4122839.92        0.00029
         592847.59    4122839.92        0.00030                    592887.59
4122839.92        0.00032
         592927.59    4122839.92        0.00033                    592967.59
4122839.92        0.00035
         593007.59    4122839.92        0.00037                    593047.59
4122839.92        0.00039
         593087.59    4122839.92        0.00041                    593127.59
4122839.92        0.00043
         593167.59    4122839.92        0.00045                    593207.59
4122839.92        0.00047
         593247.59    4122839.92        0.00049                    593287.59
4122839.92        0.00052
         593327.59    4122839.92        0.00055                    593367.59
4122839.92        0.00059
         593407.59    4122839.92        0.00064                    593447.59
4122839.92        0.00070
         593487.59    4122839.92        0.00078                    593527.59
4122839.92        0.00088
         593567.59    4122839.92        0.00102                    593607.59
4122839.92        0.00113
         593647.59    4122839.92        0.00124                    593687.59
4122839.92        0.00131
         593727.59    4122839.92        0.00141                    593767.59
4122839.92        0.00154
         593807.59    4122839.92        0.00175                    593847.59
4122839.92        0.00208
         593887.59    4122839.92        0.00253                    593927.59
4122839.92        0.00309
         593967.59    4122839.92        0.00372                    594007.59
4122839.92        0.00431
         592567.59    4122879.92        0.00022                    592607.59
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4122879.92 0.00023
592647.59 4122879.92 0.00024 592687.59
4122879.92 0.00026
592727.59 4122879.92 0.00027 592767.59
4122879.92 0.00029

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.00030	592847.59	4122879.92	0.00032
592887.59	4122879.92	0.00034	592927.59	4122879.92	0.00036
592967.59	4122879.92	0.00038	593007.59	4122879.92	0.00040
593047.59	4122879.92	0.00042	593087.59	4122879.92	0.00045
593127.59	4122879.92	0.00047	593167.59	4122879.92	0.00050
593207.59	4122879.92	0.00052	593247.59	4122879.92	0.00055
593287.59	4122879.92	0.00058	593327.59	4122879.92	0.00062
593367.59	4122879.92	0.00067	593407.59	4122879.92	0.00072
593447.59	4122879.92	0.00079	593487.59	4122879.92	0.00088
593527.59	4122879.92	0.00100	593567.59	4122879.92	0.00117
593607.59	4122879.92	0.00131	593647.59	4122879.92	0.00146

```
         593687.59    4122879.92        0.00154                    593727.59
4122879.92        0.00168
         593767.59    4122879.92        0.00186                    593807.59
4122879.92        0.00219
         593847.59    4122879.92        0.00269                    593887.59
4122879.92        0.00328
         593927.59    4122879.92        0.00410                    593967.59
4122879.92        0.00486
         594007.59    4122879.92        0.00565                    592567.59
4122919.92        0.00022
         592607.59    4122919.92        0.00023                    592647.59
4122919.92        0.00025
         592687.59    4122919.92        0.00027                    592727.59
4122919.92        0.00028
         592767.59    4122919.92        0.00030                    592807.59
4122919.92        0.00032
         592847.59    4122919.92        0.00034                    592887.59
4122919.92        0.00036
         592927.59    4122919.92        0.00039                    592967.59
4122919.92        0.00041
         593007.59    4122919.92        0.00044                    593047.59
4122919.92        0.00046
         593087.59    4122919.92        0.00049                    593127.59
4122919.92        0.00052
         593167.59    4122919.92        0.00055                    593207.59
4122919.92        0.00058
         593247.59    4122919.92        0.00062                    593287.59
4122919.92        0.00066
         593327.59    4122919.92        0.00070                    593367.59
4122919.92        0.00075
         593407.59    4122919.92        0.00081                    593447.59
4122919.92        0.00090
         593487.59    4122919.92        0.00101                    593527.59
4122919.92        0.00115
         593567.59    4122919.92        0.00136                    593607.59
4122919.92        0.00153
         593647.59    4122919.92        0.00171                    593687.59
4122919.92        0.00183
         593727.59    4122919.92        0.00203                    593767.59
4122919.92        0.00231
         593807.59    4122919.92        0.00280                    593847.59
4122919.92        0.00353
         593887.59    4122919.92        0.00440                    593927.59
4122919.92        0.00544
         593967.59    4122919.92        0.00652                    594007.59
4122919.92        0.00753
         592567.59    4122959.92        0.00022                    592607.59
4122959.92        0.00024
         592647.59    4122959.92        0.00025                    592687.59
4122959.92        0.00027
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592727.59	4122959.92	0.00029	592767.59	4122959.92	0.00031
592807.59	4122959.92	0.00034	592847.59	4122959.92	0.00036
592887.59	4122959.92	0.00039	592927.59	4122959.92	0.00041
592967.59	4122959.92	0.00045	593007.59	4122959.92	0.00047
593047.59	4122959.92	0.00051	593087.59	4122959.92	0.00054
593127.59	4122959.92	0.00058	593167.59	4122959.92	0.00062
593207.59	4122959.92	0.00065	593247.59	4122959.92	0.00070
593287.59	4122959.92	0.00074	593327.59	4122959.92	0.00080
593367.59	4122959.92	0.00086	593407.59	4122959.92	0.00093
593447.59	4122959.92	0.00102	593487.59	4122959.92	0.00116
593527.59	4122959.92	0.00133	593567.59	4122959.92	0.00159
593607.59	4122959.92	0.00180	593647.59	4122959.92	0.00202
593687.59	4122959.92	0.00219	593727.59	4122959.92	0.00248
593767.59	4122959.92	0.00295	593807.59		

4122959.92 0.00374
593847.59 4122959.92 0.00480 593887.59
4122959.92 0.00611
593927.59 4122959.92 0.00734 593967.59
4122959.92 0.00878
594007.59 4122959.92 0.01004 592567.59
4122999.92 0.00023
592607.59 4122999.92 0.00024 592647.59
4122999.92 0.00026
592687.59 4122999.92 0.00028 592727.59
4122999.92 0.00030
592767.59 4122999.92 0.00033 592807.59
4122999.92 0.00035
592847.59 4122999.92 0.00038 592887.59
4122999.92 0.00041
592927.59 4122999.92 0.00045 592967.59
4122999.92 0.00048
593007.59 4122999.92 0.00052 593047.59
4122999.92 0.00056
593087.59 4122999.92 0.00059 593127.59
4122999.92 0.00064
593167.59 4122999.92 0.00069 593207.59
4122999.92 0.00074
593247.59 4122999.92 0.00079 593287.59
4122999.92 0.00085
593327.59 4122999.92 0.00092 593367.59
4122999.92 0.00098
593407.59 4122999.92 0.00108 593447.59
4122999.92 0.00118
593487.59 4122999.92 0.00135 593527.59
4122999.92 0.00156
593567.59 4122999.92 0.00189 593607.59
4122999.92 0.00216
593647.59 4122999.92 0.00244 593687.59
4122999.92 0.00270
593727.59 4122999.92 0.00313 593767.59
4122999.92 0.00389
593807.59 4122999.92 0.00509 593847.59
4122999.92 0.00673
593887.59 4122999.92 0.00839 593927.59
4122999.92 0.01032
593967.59 4122999.92 0.01199 594007.59
4122999.92 0.01348
592567.59 4123039.92 0.00023 592607.59
4123039.92 0.00024
592647.59 4123039.92 0.00026 592687.59
4123039.92 0.00028
592727.59 4123039.92 0.00031 592767.59
4123039.92 0.00033
592807.59 4123039.92 0.00036 592847.59

4123039.92   0.00040
         592887.59   4123039.92   0.00043   592927.59
4123039.92   0.00047
         592967.59   4123039.92   0.00052   593007.59
4123039.92   0.00057
         593047.59   4123039.92   0.00061   593087.59
4123039.92   0.00066
         593127.59   4123039.92   0.00072   593167.59
4123039.92   0.00078
         593207.59   4123039.92   0.00084   593247.59
4123039.92   0.00091

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS   ***
                                  INCLUDING SOURCE(S):   STCK1   , STCK2
 ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593287.59   4123039.92   0.00098   593327.59
4123039.92   0.00106
         593367.59   4123039.92   0.00114   593407.59
4123039.92   0.00125
         593447.59   4123039.92   0.00138   593487.59
4123039.92   0.00158
         593527.59   4123039.92   0.00185   593567.59
4123039.92   0.00226
         593607.59   4123039.92   0.00261   593647.59
4123039.92   0.00293
         593687.59   4123039.92   0.00338   593727.59
4123039.92   0.00405
         593767.59   4123039.92   0.00538   593807.59
4123039.92   0.00719
         593847.59   4123039.92   0.00947   593887.59
4123039.92   0.01206

593927.59 4123039.92 0.01443 593967.59 4123039.92 0.01642
594007.59 4123039.92 0.01767 592567.59 4123079.92 0.00023
592607.59 4123079.92 0.00025 592647.59 4123079.92 0.00027
592687.59 4123079.92 0.00029 592727.59 4123079.92 0.00031
592767.59 4123079.92 0.00034 592807.59 4123079.92 0.00037
592847.59 4123079.92 0.00041 592887.59 4123079.92 0.00045
592927.59 4123079.92 0.00050 592967.59 4123079.92 0.00055
593007.59 4123079.92 0.00061 593047.59 4123079.92 0.00067
593087.59 4123079.92 0.00073 593127.59 4123079.92 0.00080
593167.59 4123079.92 0.00088 593207.59 4123079.92 0.00096
593247.59 4123079.92 0.00104 593287.59 4123079.92 0.00113
593327.59 4123079.92 0.00124 593367.59 4123079.92 0.00134
593407.59 4123079.92 0.00147 593447.59 4123079.92 0.00163
593487.59 4123079.92 0.00187 593527.59 4123079.92 0.00221
593567.59 4123079.92 0.00274 593607.59 4123079.92 0.00324
593647.59 4123079.92 0.00366 593687.59 4123079.92 0.00434
593727.59 4123079.92 0.00553 593767.59 4123079.92 0.00767
593807.59 4123079.92 0.01065 593847.59 4123079.92 0.01405
593887.59 4123079.92 0.01739 593927.59 4123079.92 0.02010
593967.59 4123079.92 0.02243 594007.59 4123079.92 0.02415
592567.59 4123119.92 0.00023 592607.59 4123119.92 0.00025
592647.59 4123119.92 0.00027 592687.59 4123119.92 0.00029
592727.59 4123119.92 0.00031 592767.59 4123119.92 0.00034
592807.59 4123119.92 0.00038 592847.59 4123119.92 0.00041
592887.59 4123119.92 0.00046 592927.59 4123119.92 0.00051

```
         592967.59    4123119.92        0.00058                      593007.59
4123119.92        0.00064
         593047.59    4123119.92        0.00072                      593087.59
4123119.92        0.00081
         593127.59    4123119.92        0.00091                      593167.59
4123119.92        0.00099
         593207.59    4123119.92        0.00110                      593247.59
4123119.92        0.00122
         593287.59    4123119.92        0.00133                      593327.59
4123119.92        0.00146
         593367.59    4123119.92        0.00159                      593407.59
4123119.92        0.00176
         593447.59    4123119.92        0.00196                      593487.59
4123119.92        0.00225
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS     ***
                                    INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593527.59    4123119.92        0.00268                      593567.59
4123119.92        0.00336
         593607.59    4123119.92        0.00403                      593647.59
4123119.92        0.00464
         593687.59    4123119.92        0.00575                      593727.59
4123119.92        0.00798
         593767.59    4123119.92        0.01171                      593807.59
4123119.92        0.01622
         593847.59    4123119.92        0.02129                      593887.59
4123119.92        0.02550
         593927.59    4123119.92        0.02933                      593967.59
4123119.92        0.03095
         594007.59    4123119.92        0.03130                      592567.59
```

4123159.92 0.00024
592607.59 4123159.92 0.00026 592647.59
4123159.92 0.00027
592687.59 4123159.92 0.00029 592727.59
4123159.92 0.00032
592767.59 4123159.92 0.00035 592807.59
4123159.92 0.00038
592847.59 4123159.92 0.00042 592887.59
4123159.92 0.00047
592927.59 4123159.92 0.00052 592967.59
4123159.92 0.00059
593007.59 4123159.92 0.00067 593047.59
4123159.92 0.00076
593087.59 4123159.92 0.00087 593127.59
4123159.92 0.00099
593167.59 4123159.92 0.00112 593207.59
4123159.92 0.00127
593247.59 4123159.92 0.00140 593287.59
4123159.92 0.00157
593327.59 4123159.92 0.00175 593367.59
4123159.92 0.00192
593407.59 4123159.92 0.00213 593447.59
4123159.92 0.00238
593487.59 4123159.92 0.00274 593527.59
4123159.92 0.00328
593567.59 4123159.92 0.00414 593607.59
4123159.92 0.00503
593647.59 4123159.92 0.00596 593687.59
4123159.92 0.00803
593727.59 4123159.92 0.01237 593767.59
4123159.92 0.01852
593807.59 4123159.92 0.02577 593847.59
4123159.92 0.03316
593887.59 4123159.92 0.03891 593927.59
4123159.92 0.04106
593967.59 4123159.92 0.04025 594007.59
4123159.92 0.03732
592567.59 4123199.92 0.00024 592607.59
4123199.92 0.00026
592647.59 4123199.92 0.00028 592687.59
4123199.92 0.00030
592727.59 4123199.92 0.00032 592767.59
4123199.92 0.00035
592807.59 4123199.92 0.00039 592847.59
4123199.92 0.00043
592887.59 4123199.92 0.00048 592927.59
4123199.92 0.00053
592967.59 4123199.92 0.00060 593007.59
4123199.92 0.00068
593047.59 4123199.92 0.00079 593087.59

4123199.92   0.00090
         593127.59   4123199.92   0.00105   593167.59
4123199.92   0.00122
         593207.59   4123199.92   0.00142   593247.59
4123199.92   0.00163
         593287.59   4123199.92   0.00187   593327.59
4123199.92   0.00208
         593367.59   4123199.92   0.00236   593407.59
4123199.92   0.00264
         593447.59   4123199.92   0.00295   593487.59
4123199.92   0.00339
         593527.59   4123199.92   0.00405   593567.59
4123199.92   0.00511
         593607.59   4123199.92   0.00630   593647.59
4123199.92   0.00790
         593687.59   4123199.92   0.01212   593727.59
4123199.92   0.02029

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS   ***
                                    INCLUDING SOURCE(S):   STCK1   , STCK2
 ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593767.59   4123199.92   0.03178   593807.59
4123199.92   0.04424
         593847.59   4123199.92   0.05279   593887.59
4123199.92   0.05528
         593927.59   4123199.92   0.05244   593967.59
4123199.92   0.04679
         594007.59   4123199.92   0.03996   592567.59
4123239.92   0.00024
         592607.59   4123239.92   0.00026   592647.59
4123239.92   0.00028

592687.59 4123239.92 0.00031 592727.59 4123239.92 0.00033
592767.59 4123239.92 0.00036 592807.59 4123239.92 0.00040
592847.59 4123239.92 0.00044 592887.59 4123239.92 0.00048
592927.59 4123239.92 0.00054 592967.59 4123239.92 0.00061
593007.59 4123239.92 0.00070 593047.59 4123239.92 0.00080
593087.59 4123239.92 0.00091 593127.59 4123239.92 0.00106
593167.59 4123239.92 0.00128 593207.59 4123239.92 0.00153
593247.59 4123239.92 0.00181 593287.59 4123239.92 0.00214
593327.59 4123239.92 0.00251 593367.59 4123239.92 0.00292
593407.59 4123239.92 0.00330 593447.59 4123239.92 0.00375
593487.59 4123239.92 0.00430 593527.59 4123239.92 0.00503
593567.59 4123239.92 0.00633 593607.59 4123239.92 0.00787
593647.59 4123239.92 0.01099 593687.59 4123239.92 0.02073
593727.59 4123239.92 0.03872 593767.59 4123239.92 0.06092
593807.59 4123239.92 0.07312 593847.59 4123239.92 0.07495
593887.59 4123239.92 0.06865 593927.59 4123239.92 0.05846
593967.59 4123239.92 0.04744 594007.59 4123239.92 0.03654
592567.59 4123279.92 0.00025 592607.59 4123279.92 0.00027
592647.59 4123279.92 0.00029 592687.59 4123279.92 0.00032
592727.59 4123279.92 0.00034 592767.59 4123279.92 0.00037
592807.59 4123279.92 0.00041 592847.59 4123279.92 0.00045
592887.59 4123279.92 0.00050 592927.59 4123279.92 0.00056
592967.59 4123279.92 0.00063 593007.59 4123279.92 0.00072
593047.59 4123279.92 0.00082 593087.59 4123279.92 0.00095
593127.59 4123279.92 0.00111 593167.59 4123279.92 0.00130

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         593207.59    4123279.92        0.00154                      593247.59
4123279.92        0.00191
         593287.59    4123279.92        0.00235                      593327.59
4123279.92        0.00286
         593367.59    4123279.92        0.00347                      593407.59
4123279.92        0.00420
         593447.59    4123279.92        0.00490                      593487.59
4123279.92        0.00549
         593527.59    4123279.92        0.00637                      593567.59
4123279.92        0.00774
         593607.59    4123279.92        0.01005                      593647.59
4123279.92        0.02105
         593687.59    4123279.92        0.06692                      593727.59
4123279.92        0.08681
         593767.59    4123279.92        0.10285                      593807.59
4123279.92        0.10200
         593847.59    4123279.92        0.08913                      593887.59
4123279.92        0.07115
         593927.59    4123279.92        0.05324                      593967.59
4123279.92        0.03938
♠ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       08:18:36

                                  PAGE 206
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS     ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         594007.59    4123279.92        0.02962                      592567.59
4123319.92        0.00026
         592607.59    4123319.92        0.00028                      592647.59
4123319.92        0.00031
         592687.59    4123319.92        0.00033                      592727.59
4123319.92        0.00036
         592767.59    4123319.92        0.00039                      592807.59
```

4123319.92 0.00043
592847.59 4123319.92 0.00047 592887.59
4123319.92 0.00052
592927.59 4123319.92 0.00059 592967.59
4123319.92 0.00066
593007.59 4123319.92 0.00075 593047.59
4123319.92 0.00086
593087.59 4123319.92 0.00099 593127.59
4123319.92 0.00116
593167.59 4123319.92 0.00137 593207.59
4123319.92 0.00162
593247.59 4123319.92 0.00195 593287.59
4123319.92 0.00239
593327.59 4123319.92 0.00307 593367.59
4123319.92 0.00393
593407.59 4123319.92 0.00487 593447.59
4123319.92 0.00610
593487.59 4123319.92 0.00721 593527.59
4123319.92 0.00928
593567.59 4123319.92 0.01030 593607.59
4123319.92 0.01456
593647.59 4123319.92 0.09952 593687.59
4123319.92 0.20512
593727.59 4123319.92 0.19579 593767.59
4123319.92 0.13729
593807.59 4123319.92 0.10986 593847.59
4123319.92 0.08100
593887.59 4123319.92 0.05624 593927.59
4123319.92 0.03986
593967.59 4123319.92 0.02915 594007.59
4123319.92 0.02222
592567.59 4123359.92 0.00028 592607.59
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4123359.92 0.00082
593047.59 4123359.92 0.00093 593087.59
4123359.92 0.00108
593127.59 4123359.92 0.00125 593167.59
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593207.59 4123359.92 0.00174 593247.59
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4123359.92 0.20540
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4123359.92 0.29357
593767.59 4123359.92 0.12133 593807.59
4123359.92 0.07660
593847.59 4123359.92 0.04919 593887.59
4123359.92 0.03515
593927.59 4123359.92 0.02580 593967.59
4123359.92 0.01955
594007.59 4123359.92 0.01484 592567.59
4123399.92 0.00031
592607.59 4123399.92 0.00033 592647.59
4123399.92 0.00036
592687.59 4123399.92 0.00039 592727.59
4123399.92 0.00043

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
592767.59 4123399.92 0.00048 592807.59
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4123399.92 0.00064

592927.59 4123399.92 0.00072 592967.59 4123399.92 0.00082
593007.59 4123399.92 0.00093 593047.59 4123399.92 0.00106
593087.59 4123399.92 0.00122 593127.59 4123399.92 0.00142
593167.59 4123399.92 0.00168 593207.59 4123399.92 0.00199
593247.59 4123399.92 0.00239 593287.59 4123399.92 0.00290
593327.59 4123399.92 0.00359 593367.59 4123399.92 0.00450
593407.59 4123399.92 0.00589 593447.59 4123399.92 0.00777
593487.59 4123399.92 0.01228 593527.59 4123399.92 0.01473
593567.59 4123399.92 0.01977 593607.59 4123399.92 0.02827
593647.59 4123399.92 0.16255 593687.59 4123399.92 0.20320
593727.59 4123399.92 0.13721 593767.59 4123399.92 0.04723
593807.59 4123399.92 0.03420 593847.59 4123399.92 0.02482
593887.59 4123399.92 0.01915 593927.59 4123399.92 0.01487
593967.59 4123399.92 0.01184 594007.59 4123399.92 0.00957
592567.59 4123439.92 0.00034 592607.59 4123439.92 0.00037
592647.59 4123439.92 0.00040 592687.59 4123439.92 0.00044
592727.59 4123439.92 0.00048 592767.59 4123439.92 0.00053
592807.59 4123439.92 0.00059 592847.59 4123439.92 0.00065
592887.59 4123439.92 0.00073 592927.59 4123439.92 0.00083
592967.59 4123439.92 0.00094 593007.59 4123439.92 0.00108
593047.59 4123439.92 0.00124 593087.59 4123439.92 0.00144
593127.59 4123439.92 0.00168 593167.59 4123439.92 0.00199
593207.59 4123439.92 0.00238 593247.59 4123439.92 0.00288
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         593607.59    4123439.92        0.01714                      593647.59
4123439.92        0.03135
         593687.59    4123439.92        0.02016                      593727.59
4123439.92        0.02032
         593767.59    4123439.92        0.01682                      593807.59
4123439.92        0.01451
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4123439.92        0.01057
         593927.59    4123439.92        0.00896                      593967.59
4123439.92        0.00756
         594007.59    4123439.92        0.00639                      592567.59
4123479.92        0.00037
         592607.59    4123479.92        0.00040                      592647.59
4123479.92        0.00045
         592687.59    4123479.92        0.00049                      592727.59
4123479.92        0.00054
         592767.59    4123479.92        0.00060                      592807.59
4123479.92        0.00067
         592847.59    4123479.92        0.00074                      592887.59
4123479.92        0.00083
         592927.59    4123479.92        0.00094                      592967.59
4123479.92        0.00108
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 208
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS     ***
                                    INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593007.59    4123479.92        0.00124                      593047.59
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4123479.92 0.00300
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4123479.92 0.00473
593327.59 4123479.92 0.00612 593367.59
4123479.92 0.00797
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4123479.92 0.01230
593487.59 4123479.92 0.01353 593527.59
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4123479.92 0.01242
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4123479.92 0.00876
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4123479.92 0.00767
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4123479.92 0.00615
593967.59 4123479.92 0.00537 594007.59
4123479.92 0.00470
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4123519.92 0.00045
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4123519.92 0.00054
592727.59 4123519.92 0.00060 592767.59
4123519.92 0.00066
592807.59 4123519.92 0.00074 592847.59
4123519.92 0.00083
592887.59 4123519.92 0.00094 592927.59
4123519.92 0.00107
592967.59 4123519.92 0.00123 593007.59
4123519.92 0.00143
593047.59 4123519.92 0.00167 593087.59
4123519.92 0.00208
593127.59 4123519.92 0.00253 593167.59
4123519.92 0.00310
593207.59 4123519.92 0.00382 593247.59
4123519.92 0.00479
593287.59 4123519.92 0.00593 593327.59
4123519.92 0.00731
593367.59 4123519.92 0.00880 593407.59
4123519.92 0.00997
593447.59 4123519.92 0.01022 593487.59
4123519.92 0.00939
593527.59 4123519.92 0.01128 593567.59

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         593607.59   4123519.92   0.01194   593647.59
4123519.92   0.01008
         593687.59   4123519.92   0.00827   593727.59
4123519.92   0.00730
         593767.59   4123519.92   0.00649   593807.59
4123519.92   0.00580
         593847.59   4123519.92   0.00521   593887.59
4123519.92   0.00472
         593927.59   4123519.92   0.00420   593967.59
4123519.92   0.00371
         594007.59   4123519.92   0.00338   592567.59
4123559.92   0.00044
         592607.59   4123559.92   0.00048   592647.59
4123559.92   0.00053
         592687.59   4123559.92   0.00059   592727.59
4123559.92   0.00065
         592767.59   4123559.92   0.00073   592807.59
4123559.92   0.00082
         592847.59   4123559.92   0.00093   592887.59
4123559.92   0.00106
         592927.59   4123559.92   0.00122   592967.59
4123559.92   0.00149
         593007.59   4123559.92   0.00173   593047.59
4123559.92   0.00209
         593087.59   4123559.92   0.00247   593127.59
4123559.92   0.00299
         593167.59   4123559.92   0.00365   593207.59
4123559.92   0.00440

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS   ***
                                   INCLUDING SOURCE(S):   STCK1   , STCK2
 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- -

593247.59	4123559.92	0.00525
593287.59	4123559.92	0.00614
593327.59	4123559.92	0.00702
593367.59	4123559.92	0.00757
593407.59	4123559.92	0.00725
593447.59	4123559.92	0.00709
593487.59	4123559.92	0.00823
593527.59	4123559.92	0.01145
593567.59	4123559.92	0.01272
593607.59	4123559.92	0.01053
593647.59	4123559.92	0.00879
593687.59	4123559.92	0.00714
593727.59	4123559.92	0.00611
593767.59	4123559.92	0.00523
593807.59	4123559.92	0.00456
593847.59	4123559.92	0.00405
593887.59	4123559.92	0.00357
593927.59	4123559.92	0.00316
593967.59	4123559.92	0.00288
594007.59	4123559.92	0.00259
592567.59	4123599.92	0.00047
592607.59	4123599.92	0.00052
592647.59	4123599.92	0.00057
592687.59	4123599.92	0.00064
592727.59	4123599.92	0.00071
592767.59	4123599.92	0.00080
592807.59	4123599.92	0.00091
592847.59	4123599.92	0.00102
592887.59	4123599.92	0.00123
592927.59	4123599.92	0.00144
592967.59	4123599.92	0.00170
593007.59	4123599.92	0.00199
593047.59	4123599.92	0.00237
593087.59	4123599.92	0.00283
593127.59	4123599.92	0.00333
593167.59	4123599.92	0.00387
593207.59	4123599.92	0.00442
593247.59	4123599.92	0.00494
593287.59	4123599.92	0.00523
593327.59	4123599.92	0.00538
593367.59	4123599.92	0.00546
593407.59	4123599.92	0.00536
593447.59	4123599.92	0.00612
593487.59	4123599.92	0.00839
593527.59	4123599.92	0.01056
593567.59	4123599.92	0.01039
593607.59	4123599.92	0.00839
593647.59	4123599.92	0.00729

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         593687.59    4123599.92        0.00613                      593727.59
4123599.92        0.00513
         593767.59    4123599.92        0.00437                      593807.59
4123599.92        0.00377
         593847.59    4123599.92        0.00332                      593887.59
4123599.92        0.00294
         593927.59    4123599.92        0.00261                      593967.59
4123599.92        0.00231
         594007.59    4123599.92        0.00206                      593087.59
4123639.92        0.00293
         593127.59    4123639.92        0.00330                      593167.59
4123639.92        0.00365
         593207.59    4123639.92        0.00381                      593247.59
4123639.92        0.00395
         593287.59    4123639.92        0.00409                      593327.59
4123639.92        0.00404
         593367.59    4123639.92        0.00410                      593407.59
4123639.92        0.00452
         593447.59    4123639.92        0.00616                      593487.59
4123639.92        0.00824
         593527.59    4123639.92        0.00922                      593567.59
4123639.92        0.00839
         593607.59    4123639.92        0.00689                      593647.59
4123639.92        0.00598
         593687.59    4123639.92        0.00524                      593727.59
4123639.92        0.00440
         593767.59    4123639.92        0.00371                      593807.59
4123639.92        0.00317
         593847.59    4123639.92        0.00279                      593887.59
4123639.92        0.00248
         593927.59    4123639.92        0.00222                      593967.59
4123639.92        0.00198
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS     ***
                                    INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                 ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123639.92	0.00177	593087.59	4123679.92	0.00258
593127.59	4123679.92	0.00278	593167.59	4123679.92	0.00292
593207.59	4123679.92	0.00306	593247.59	4123679.92	0.00306
593287.59	4123679.92	0.00312	593327.59	4123679.92	0.00317
593367.59	4123679.92	0.00347	593407.59	4123679.92	0.00448
593447.59	4123679.92	0.00624	593487.59	4123679.92	0.00758
593527.59	4123679.92	0.00776	593567.59	4123679.92	0.00674
593607.59	4123679.92	0.00564	593647.59	4123679.92	0.00496
593687.59	4123679.92	0.00446	593727.59	4123679.92	0.00384
593767.59	4123679.92	0.00323	593807.59	4123679.92	0.00270
593847.59	4123679.92	0.00237	593887.59	4123679.92	0.00211
593927.59	4123679.92	0.00191	593967.59	4123679.92	0.00173
594007.59	4123679.92	0.00156	593087.59	4123719.92	0.00218
593127.59	4123719.92	0.00233	593167.59	4123719.92	0.00233
593207.59	4123719.92	0.00242	593247.59	4123719.92	0.00245
593287.59	4123719.92	0.00249	593327.59	4123719.92	0.00270
593367.59	4123719.92	0.00327	593407.59	4123719.92	0.00469
593447.59	4123719.92	0.00598	593487.59	4123719.92	0.00664
593527.59	4123719.92	0.00628	593567.59	4123719.92	0.00547
593607.59	4123719.92	0.00458	593647.59	4123719.92	0.00410
593687.59	4123719.92	0.00376	593727.59	4123719.92	0.00333
593767.59	4123719.92	0.00284	593807.59	4123719.92	0.00237
593847.59	4123719.92	0.00204	593887.59		

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         593927.59    4123719.92        0.00165                        593967.59
4123719.92        0.00151
         594007.59    4123719.92        0.00138                        593087.59
4123759.92        0.00180
         593127.59    4123759.92        0.00188                        593167.59
4123759.92        0.00193
         593207.59    4123759.92        0.00196                        593247.59
4123759.92        0.00199
         593287.59    4123759.92        0.00213                        593327.59
4123759.92        0.00253
         593367.59    4123759.92        0.00346                        593407.59
4123759.92        0.00464
         593447.59    4123759.92        0.00543                        593487.59
4123759.92        0.00565
         593527.59    4123759.92        0.00519                        593567.59
4123759.92        0.00448
         593607.59    4123759.92        0.00379                        593647.59
4123759.92        0.00339
         593687.59    4123759.92        0.00315                        593727.59
4123759.92        0.00289
         593767.59    4123759.92        0.00251                        593807.59
4123759.92        0.00211
         593847.59    4123759.92        0.00179                        593887.59
4123759.92        0.00158
         593927.59    4123759.92        0.00143                        593967.59
4123759.92        0.00131
         594007.59    4123759.92        0.00122                        593087.59
4123799.92        0.00154
         593127.59    4123799.92        0.00157                        593167.59
4123799.92        0.00158
         593207.59    4123799.92        0.00161                        593247.59
4123799.92        0.00169
         593287.59    4123799.92        0.00200                        593327.59
4123799.92        0.00267
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENS       ***
                                    INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	0.00358	593407.59	4123799.92	0.00440
593447.59	4123799.92	0.00482	593487.59	4123799.92	0.00466
593527.59	4123799.92	0.00424	593567.59	4123799.92	0.00368
593607.59	4123799.92	0.00314	593647.59	4123799.92	0.00283
593687.59	4123799.92	0.00266	593727.59	4123799.92	0.00250
593767.59	4123799.92	0.00222	593807.59	4123799.92	0.00190
593847.59	4123799.92	0.00160	593887.59	4123799.92	0.00140
593927.59	4123799.92	0.00126	593967.59	4123799.92	0.00115
594007.59	4123799.92	0.00107	593087.59	4123839.92	0.00129
593127.59	4123839.92	0.00130	593167.59	4123839.92	0.00132
593207.59	4123839.92	0.00138	593247.59	4123839.92	0.00159
593287.59	4123839.92	0.00199	593327.59	4123839.92	0.00271
593367.59	4123839.92	0.00350	593407.59	4123839.92	0.00399
593447.59	4123839.92	0.00416	593487.59	4123839.92	0.00394
593527.59	4123839.92	0.00354	593567.59	4123839.92	0.00303
593607.59	4123839.92	0.00263	593647.59	4123839.92	0.00238
593687.59	4123839.92	0.00225	593727.59	4123839.92	0.00215
593767.59	4123839.92	0.00197	593807.59	4123839.92	0.00172
593847.59	4123839.92	0.00146	593887.59	4123839.92	0.00126
593927.59	4123839.92	0.00112	593967.59	4123839.92	0.00102
594007.59	4123839.92	0.00094	593087.59	4123879.92	0.00108

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         593127.59    4123879.92        0.00110                      593167.59
4123879.92        0.00114
         593207.59    4123879.92        0.00129                      593247.59
4123879.92        0.00159
         593287.59    4123879.92        0.00212                      593327.59
4123879.92        0.00276
         593367.59    4123879.92        0.00329                      593407.59
4123879.92        0.00353
         593447.59    4123879.92        0.00348                      593487.59
4123879.92        0.00327
         593527.59    4123879.92        0.00297                      593567.59
4123879.92        0.00254
         593607.59    4123879.92        0.00222                      593647.59
4123879.92        0.00202
         593687.59    4123879.92        0.00193                      593727.59
4123879.92        0.00185
         593767.59    4123879.92        0.00174                      593807.59
4123879.92        0.00155
         593847.59    4123879.92        0.00134                      593887.59
4123879.92        0.00115
         593927.59    4123879.92        0.00101                      593967.59
4123879.92        0.00091
         594007.59    4123879.92        0.00084

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
- -
592567.59   4122799.92   0.23266   592607.59
4122799.92   0.24604
592647.59   4122799.92   0.25890   592687.59
4122799.92   0.27929
592727.59   4122799.92   0.29596   592767.59
4122799.92   0.31505
592807.59   4122799.92   0.33706   592847.59
4122799.92   0.35340
592887.59   4122799.92   0.37849   592927.59
4122799.92   0.41323
592967.59   4122799.92   0.44219   593007.59
4122799.92   0.47056
593047.59   4122799.92   0.50967   593087.59
4122799.92   0.55175
593127.59   4122799.92   0.60481   593167.59
4122799.92   0.64421
593207.59   4122799.92   0.70288   593247.59
4122799.92   0.74475
593287.59   4122799.92   0.78433   593327.59
4122799.92   0.82840
593367.59   4122799.92   0.87946   593407.59
4122799.92   0.93849
593447.59   4122799.92   1.00149   593487.59
4122799.92   1.07125
593527.59   4122799.92   1.14786   593567.59
4122799.92   1.22940
593607.59   4122799.92   1.31242   593647.59
4122799.92   1.39730
593687.59   4122799.92   1.48014   593727.59
4122799.92   1.56088
593767.59   4122799.92   1.64130   593807.59
4122799.92   1.71252
593847.59   4122799.92   1.77685   593887.59
4122799.92   1.82758
593927.59   4122799.92   1.86291   593967.59
4122799.92   1.88174
594007.59   4122799.92   1.88394   592567.59
4122839.92   0.24990
592607.59   4122839.92   0.26457   592647.59
4122839.92   0.27993
592687.59   4122839.92   0.29728   592727.59
4122839.92   0.31890
592767.59   4122839.92   0.34509   592807.59
4122839.92   0.36555
592847.59   4122839.92   0.38723   592887.59
4122839.92   0.41335
592927.59   4122839.92   0.45392   592967.59

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4122839.92        0.48864
         593007.59    4122839.92        0.54120                      593047.59
4122839.92        0.60858
         593087.59    4122839.92        0.62533                      593127.59
4122839.92        0.68695
         593167.59    4122839.92        0.75105                      593207.59
4122839.92        0.80605
         593247.59    4122839.92        0.85709                      593287.59
4122839.92        0.91018
         593327.59    4122839.92        0.96578                      593367.59
4122839.92        1.02886
         593407.59    4122839.92        1.10349                      593447.59
4122839.92        1.18343
         593487.59    4122839.92        1.27252                      593527.59
4122839.92        1.36879
         593567.59    4122839.92        1.47201                      593607.59
4122839.92        1.57273
         593647.59    4122839.92        1.67737                      593687.59
4122839.92        1.77704
         593727.59    4122839.92        1.87016                      593767.59
4122839.92        1.95798
         593807.59    4122839.92        2.03140                      593847.59
4122839.92        2.09085
         593887.59    4122839.92        2.13042                      593927.59
4122839.92        2.14946
         593967.59    4122839.92        2.14767                      594007.59
4122839.92        2.12578
         592567.59    4122879.92        0.27045                      592607.59
4122879.92        0.28820
         592647.59    4122879.92        0.30385                      592687.59
4122879.92        0.31997
         592727.59    4122879.92        0.34917                      592767.59
4122879.92        0.37683
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
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, L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.39973	592847.59	4122879.92	0.43333
592887.59	4122879.92	0.47335	592927.59	4122879.92	0.51143
592967.59	4122879.92	0.55320	593007.59	4122879.92	0.60572
593047.59	4122879.92	0.68298	593087.59	4122879.92	0.72904
593127.59	4122879.92	0.78261	593167.59	4122879.92	0.87114
593207.59	4122879.92	0.93220	593247.59	4122879.92	1.00043
593287.59	4122879.92	1.06852	593327.59	4122879.92	1.14133
593367.59	4122879.92	1.22226	593407.59	4122879.92	1.31708
593447.59	4122879.92	1.42091	593487.59	4122879.92	1.53605
593527.59	4122879.92	1.66046	593567.59	4122879.92	1.78818
593607.59	4122879.92	1.91286	593647.59	4122879.92	2.03895
593687.59	4122879.92	2.15614	593727.59	4122879.92	2.26146
593767.59	4122879.92	2.35125	593807.59	4122879.92	2.41943
593847.59	4122879.92	2.46358	593887.59	4122879.92	2.48088
593927.59	4122879.92	2.47195	593967.59	4122879.92	2.43799
594007.59	4122879.92	2.38166	592567.59	4122919.92	0.29327
592607.59	4122919.92	0.31192	592647.59	4122919.92	0.33441
592687.59	4122919.92	0.35867	592727.59	4122919.92	0.38672
592767.59	4122919.92	0.41472	592807.59	4122919.92	0.44232

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         592847.59    4122919.92        0.48821                       592887.59
4122919.92        0.52509
         592927.59    4122919.92        0.58476                       592967.59
4122919.92        0.65152
         593007.59    4122919.92        0.70265                       593047.59
4122919.92        0.75560
         593087.59    4122919.92        0.84168                       593127.59
4122919.92        0.91538
         593167.59    4122919.92        1.02124                       593207.59
4122919.92        1.09709
         593247.59    4122919.92        1.18503                       593287.59
4122919.92        1.27133
         593327.59    4122919.92        1.37151                       593367.59
4122919.92        1.47791
         593407.59    4122919.92        1.60293                       593447.59
4122919.92        1.74231
         593487.59    4122919.92        1.89395                       593527.59
4122919.92        2.05045
         593567.59    4122919.92        2.21125                       593607.59
4122919.92        2.36591
         593647.59    4122919.92        2.51381                       593687.59
4122919.92        2.64579
         593727.59    4122919.92        2.75521                       593767.59
4122919.92        2.83677
         593807.59    4122919.92        2.88542                       593847.59
4122919.92        2.89891
         593887.59    4122919.92        2.87776                       593927.59
4122919.92        2.82481
         593967.59    4122919.92        2.74429                       594007.59
4122919.92        2.64108
         592567.59    4122959.92        0.32794                       592607.59
4122959.92        0.34445
         592647.59    4122959.92        0.36945                       592687.59
4122959.92        0.39584
         592727.59    4122959.92        0.42914                       592767.59
4122959.92        0.46077
         592807.59    4122959.92        0.49434                       592847.59
4122959.92        0.54715
         592887.59    4122959.92        0.59178                       592927.59
4122959.92        0.65189
         592967.59    4122959.92        0.72686                       593007.59
4122959.92        0.82704
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       08:18:36

                                  PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.90856	593087.59	4122959.92	0.98289
593127.59	4122959.92	1.10718	593167.59	4122959.92	1.21381
593207.59	4122959.92	1.31585	593247.59	4122959.92	1.43168
593287.59	4122959.92	1.54741	593327.59	4122959.92	1.68465
593367.59	4122959.92	1.82732	593407.59	4122959.92	1.99818
593447.59	4122959.92	2.18108	593487.59	4122959.92	2.38226
593527.59	4122959.92	2.58263	593567.59	4122959.92	2.78947
593607.59	4122959.92	2.97513	593647.59	4122959.92	3.14108
593687.59	4122959.92	3.27799	593727.59	4122959.92	3.37560
593767.59	4122959.92	3.42884	593807.59	4122959.92	3.43472
593847.59	4122959.92	3.39483	593887.59	4122959.92	3.31296
593927.59	4122959.92	3.19584	593967.59	4122959.92	3.05198
594007.59	4122959.92	2.88830	592567.59	4122999.92	0.38122
592607.59	4122999.92	0.38108	592647.59	4122999.92	0.40683
592687.59	4122999.92	0.43810	592727.59		

4122999.92 0.47631
592767.59 4122999.92 0.51867 592807.59
4122999.92 0.56470
592847.59 4122999.92 0.61731 592887.59
4122999.92 0.67493
592927.59 4122999.92 0.75010 592967.59
4122999.92 0.83991
593007.59 4122999.92 0.95965 593047.59
4122999.92 1.06632
593087.59 4122999.92 1.16376 593127.59
4122999.92 1.33047
593167.59 4122999.92 1.46770 593207.59
4122999.92 1.60662
593247.59 4122999.92 1.76524 593287.59
4122999.92 1.92896
593327.59 4122999.92 2.12447 593367.59
4122999.92 2.32671
593407.59 4122999.92 2.56433 593447.59
4122999.92 2.80970
593487.59 4122999.92 3.07884 593527.59
4122999.92 3.34118
593567.59 4122999.92 3.59692 593607.59
4122999.92 3.81212
593647.59 4122999.92 3.98096 593687.59
4122999.92 4.09485
593727.59 4122999.92 4.14838 593767.59
4122999.92 4.13830
593807.59 4122999.92 4.06663 593847.59
4122999.92 3.93999
593887.59 4122999.92 3.76878 593927.59
4122999.92 3.56489
593967.59 4122999.92 3.33948 594007.59
4122999.92 3.10281
592567.59 4123039.92 0.42484 592607.59
4123039.92 0.42727
592647.59 4123039.92 0.45131 592687.59
4123039.92 0.48828
592727.59 4123039.92 0.53302 592767.59
4123039.92 0.59021
592807.59 4123039.92 0.64378 592847.59
4123039.92 0.70416
592887.59 4123039.92 0.77873 592927.59
4123039.92 0.87377
592967.59 4123039.92 0.99118 593007.59
4123039.92 1.14008
593047.59 4123039.92 1.29793 593087.59
4123039.92 1.41824
593127.59 4123039.92 1.62726 593167.59
4123039.92 1.81300
593207.59 4123039.92 2.01267 593247.59

4123039.92   2.24023

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***

INCLUDING SOURCE(S):   L0006750   , L0006751   , L0006752   , L0006753   , L0006754   ,
L0006755   , L0006756   , L0006757   , L0006758   , L0006759   , L0006760   , L0006761   , L0006762   ,
L0006763   , L0006764   , L0006765   , L0006766   , L0006767   , L0006768   , L0006769   , L0006686   ,
L0006687   , L0006688   , L0006689   , L0006690   , L0006691   , L0006692   , L0006693   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	2.48611	593327.59	4123039.92	2.77564
593367.59	4123039.92	3.06777	593407.59	4123039.92	3.39740
593447.59	4123039.92	3.73534	593487.59	4123039.92	4.10179
593527.59	4123039.92	4.44199	593567.59	4123039.92	4.74044
593607.59	4123039.92	4.95607	593647.59	4123039.92	5.08679
593687.59	4123039.92	5.13044	593727.59	4123039.92	5.08800
593767.59	4123039.92	4.96356	593807.59	4123039.92	4.76559
593847.59	4123039.92	4.50940	593887.59	4123039.92	4.21601
593927.59	4123039.92	3.90115	593967.59	4123039.92	3.57813
594007.59	4123039.92	3.25973	592567.59	4123079.92	0.47348

592607.59 4123079.92 0.48977 592647.59
4123079.92 0.50666
592687.59 4123079.92 0.55096 592727.59
4123079.92 0.60527
592767.59 4123079.92 0.66931 592807.59
4123079.92 0.73619
592847.59 4123079.92 0.81569 592887.59
4123079.92 0.91568
592927.59 4123079.92 1.04934 592967.59
4123079.92 1.21084
593007.59 4123079.92 1.40341 593047.59
4123079.92 1.59579
593087.59 4123079.92 1.80228 593127.59
4123079.92 2.03145
593167.59 4123079.92 2.28785 593207.59
4123079.92 2.59158
593247.59 4123079.92 2.96381 593287.59
4123079.92 3.36506
593327.59 4123079.92 3.80364 593367.59
4123079.92 4.22120
593407.59 4123079.92 4.68540 593447.59
4123079.92 5.16489
593487.59 4123079.92 5.66768 593527.59
4123079.92 6.08579
593567.59 4123079.92 6.37991 593607.59
4123079.92 6.52164
593647.59 4123079.92 6.53049 593687.59
4123079.92 6.42191
593727.59 4123079.92 6.20489 593767.59
4123079.92 5.89027
593807.59 4123079.92 5.49947 593847.59
4123079.92 5.06272
593887.59 4123079.92 4.61156 593927.59
4123079.92 4.16514
593967.59 4123079.92 3.73580 594007.59
4123079.92 3.33549
592567.59 4123119.92 0.51945 592607.59
4123119.92 0.56594
592647.59 4123119.92 0.58605 592687.59
4123119.92 0.62803
592727.59 4123119.92 0.69518 592767.59
4123119.92 0.77001
592807.59 4123119.92 0.85341 592847.59
4123119.92 0.95774
592887.59 4123119.92 1.10231 592927.59
4123119.92 1.29675
592967.59 4123119.92 1.50031 593007.59
4123119.92 1.75029
593047.59 4123119.92 2.00206 593087.59
4123119.92 2.28414

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         593127.59    4123119.92        2.60954                      593167.59
4123119.92        3.00781
         593207.59    4123119.92        3.53396                      593247.59
4123119.92        4.21159
         593287.59    4123119.92        4.89651                      593327.59
4123119.92        5.53764
         593367.59    4123119.92        6.13103                      593407.59
4123119.92        6.81827
         593447.59    4123119.92        7.53993                      593487.59
4123119.92        8.19459
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         593527.59    4123119.92        8.60025                      593567.59
4123119.92        8.73279
         593607.59    4123119.92        8.64600                      593647.59
4123119.92        8.39909
         593687.59    4123119.92        8.01773                      593727.59
4123119.92        7.50131
         593767.59    4123119.92        6.87763                      593807.59
4123119.92        6.20542
         593847.59    4123119.92        5.53578                      593887.59
4123119.92        4.90272
         593927.59    4123119.92        4.31725                      593967.59
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4123119.92 3.78342
594007.59 4123119.92 3.30883 592567.59
4123159.92 0.56522
592607.59 4123159.92 0.62229 592647.59
4123159.92 0.68835
592687.59 4123159.92 0.72625 592727.59
4123159.92 0.80664
592767.59 4123159.92 0.90284 592807.59
4123159.92 1.01627
592847.59 4123159.92 1.16195 592887.59
4123159.92 1.37477
592927.59 4123159.92 1.64920 592967.59
4123159.92 1.94894
593007.59 4123159.92 2.24788 593047.59
4123159.92 2.56618
593087.59 4123159.92 2.95278 593127.59
4123159.92 3.45845
593167.59 4123159.92 4.20741 593207.59
4123159.92 5.37691
593247.59 4123159.92 6.74538 593287.59
4123159.92 7.80948
593327.59 4123159.92 8.65620 593367.59
4123159.92 9.60724
593407.59 4123159.92 10.77360 593447.59
4123159.92 11.85891
593487.59 4123159.92 12.46310 593527.59
4123159.92 12.48281
593567.59 4123159.92 12.13188 593607.59
4123159.92 11.59414
593647.59 4123159.92 10.90850 593687.59
4123159.92 10.02643
593727.59 4123159.92 8.94290 593767.59
4123159.92 7.82333
593807.59 4123159.92 6.78471 593847.59
4123159.92 5.85478
593887.59 4123159.92 5.03666 593927.59
4123159.92 4.31921
593967.59 4123159.92 3.69712 594007.59
4123159.92 3.16741
592567.59 4123199.92 0.61562 592607.59
4123199.92 0.68584
592647.59 4123199.92 0.77062 592687.59
4123199.92 0.86147
592727.59 4123199.92 0.95351 592767.59
4123199.92 1.09350
592807.59 4123199.92 1.26106 592847.59
4123199.92 1.53088
592887.59 4123199.92 1.88196 592927.59
4123199.92 2.27247
592967.59 4123199.92 2.61130 593007.59

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4123199.92        2.93970
         593047.59    4123199.92        3.35277                      593087.59
4123199.92        3.96624
         593127.59    4123199.92        4.98417                      593167.59
4123199.92        7.11898
         593207.59    4123199.92       10.63114                      593247.59
4123199.92       12.79398
         593287.59    4123199.92       13.98237                      593327.59
4123199.92       15.40377
         593367.59    4123199.92       17.67114                      593407.59
4123199.92       19.69679
         593447.59    4123199.92       20.66527                      593487.59
4123199.92       20.01884
         593527.59    4123199.92       18.84135                      593567.59
4123199.92       17.67143
         593607.59    4123199.92       16.46076                      593647.59
4123199.92       14.84968
         593687.59    4123199.92       12.52137                      593727.59
4123199.92       10.31705
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36

                                 PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL     ***
                                 INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                  L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                  L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                  L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92        8.55536                      593807.59
4123199.92        7.13737
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593847.59 4123199.92 5.96308 593887.59
4123199.92 4.97527
593927.59 4123199.92 4.14898 593967.59
4123199.92 3.46830
594007.59 4123199.92 2.91539 592567.59
4123239.92 0.67266
592607.59 4123239.92 0.75917 592647.59
4123239.92 0.86978
592687.59 4123239.92 1.01298 592727.59
4123239.92 1.19849
592767.59 4123239.92 1.40765 592807.59
4123239.92 1.72069
592847.59 4123239.92 2.29216 592887.59
4123239.92 2.89081
592927.59 4123239.92 3.29543 592967.59
4123239.92 3.54649
593007.59 4123239.92 3.85134 593047.59
4123239.92 4.43819
593087.59 4123239.92 5.69669 593127.59
4123239.92 9.40289
593167.59 4123239.92 17.29422 593207.59
4123239.92 18.81543
593247.59 4123239.92 21.32362 593287.59
4123239.92 22.16856
593327.59 4123239.92 31.70331 593367.59
4123239.92 33.73307
593407.59 4123239.92 38.79421 593447.59
4123239.92 31.91003
593487.59 4123239.92 31.75067 593527.59
4123239.92 25.16967
593567.59 4123239.92 27.21276 593607.59
4123239.92 26.42848
593647.59 4123239.92 20.74991 593687.59
4123239.92 14.80021
593727.59 4123239.92 11.35674 593767.59
4123239.92 9.01745
593807.59 4123239.92 7.24151 593847.59
4123239.92 5.82471
593887.59 4123239.92 4.68959 593927.59
4123239.92 3.79851
593967.59 4123239.92 3.10760 594007.59
4123239.92 2.57509
592567.59 4123279.92 0.73910 592607.59
4123279.92 0.84621
592647.59 4123279.92 0.99039 592687.59
4123279.92 1.19675
592727.59 4123279.92 1.52718 592767.59
4123279.92 2.12862
592807.59 4123279.92 3.20001 592847.59
4123279.92 5.02546

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         592887.59    4123279.92        5.01755                      592927.59
4123279.92        4.76395
         592967.59    4123279.92        4.70641                      593007.59
4123279.92        5.03258
         593047.59    4123279.92        6.12019                      593087.59
4123279.92        9.61011
         593127.59    4123279.92       17.39688                      593167.59
4123279.92       21.81342
         593207.59    4123279.92       19.29258                      593247.59
4123279.92       21.80008
         593287.59    4123279.92       43.42444                      593327.59
4123279.92       59.85722
         593367.59    4123279.92       54.42460                      593407.59
4123279.92       47.12766
         593447.59    4123279.92       34.62902                      593487.59
4123279.92       29.53869
         593527.59    4123279.92       26.71726                      593567.59
4123279.92       24.50619
         593607.59    4123279.92       24.43787                      593647.59
4123279.92       16.21916
         593687.59    4123279.92       17.33647                      593727.59
4123279.92       12.45567
         593767.59    4123279.92        9.33697                      593807.59
4123279.92        7.05341
         593847.59    4123279.92        5.36680                      593887.59
4123279.92        4.15105
         593927.59    4123279.92        3.28334                      593967.59
4123279.92        2.65600
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       08:18:36

                                   PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123279.92	2.19689	592567.59	4123319.92	0.81659
592607.59	4123319.92	0.95049	592647.59	4123319.92	1.14153
592687.59	4123319.92	1.44534	592727.59	4123319.92	2.04291
592767.59	4123319.92	4.05967	592807.59	4123319.92	3.68479
592847.59	4123319.92	10.90622	592887.59	4123319.92	7.67735
592927.59	4123319.92	6.41816	592967.59	4123319.92	6.09061
593007.59	4123319.92	6.66022	593047.59	4123319.92	8.72974
593087.59	4123319.92	15.59677	593127.59	4123319.92	18.73288
593167.59	4123319.92	17.40233	593207.59	4123319.92	17.00949
593247.59	4123319.92	23.54522	593287.59	4123319.92	56.01030
593327.59	4123319.92	68.09781	593367.59	4123319.92	64.38034
593407.59	4123319.92	44.89684	593447.59	4123319.92	33.94703
593487.59	4123319.92	29.57951	593527.59	4123319.92	26.22443
593567.59	4123319.92	22.61310	593607.59	4123319.92	20.33228
593647.59	4123319.92	16.02481	593687.59	4123319.92	22.30147
593727.59	4123319.92	14.22643	593767.59	4123319.92	9.32038
593807.59	4123319.92	6.29889	593847.59	4123319.92	4.51223
593887.59	4123319.92	3.41020	593927.59	4123319.92	2.69241
593967.59	4123319.92	2.19293	594007.59	4123319.92	1.83454
592567.59	4123359.92	0.91248	592607.59	4123359.92	1.08744
592647.59	4123359.92	1.35580	592687.59	4123359.92	1.83152
592727.59	4123359.92	2.87382	592767.59		

4123359.92   5.68572
         592807.59   4123359.92   9.94942   592847.59
4123359.92   17.26752
         592887.59   4123359.92   10.75243   592927.59
4123359.92   8.40982
         592967.59   4123359.92   7.94982   593007.59
4123359.92   8.99135
         593047.59   4123359.92   11.95509   593087.59
4123359.92   16.01099
         593127.59   4123359.92   22.24998   593167.59
4123359.92   16.50906
         593207.59   4123359.92   17.70101   593247.59
4123359.92   26.11831
         593287.59   4123359.92   61.47121   593327.59
4123359.92   72.00940
         593367.59   4123359.92   63.97380   593407.59
4123359.92   48.45092
         593447.59   4123359.92   41.89680   593487.59
4123359.92   38.85290
         593527.59   4123359.92   30.63000   593567.59
4123359.92   22.59530
         593607.59   4123359.92   17.50618   593647.59
4123359.92   16.09163
         593687.59   4123359.92   12.70016   593727.59
4123359.92   15.29868
         593767.59   4123359.92   7.65732   593807.59
4123359.92   4.77369
         593847.59   4123359.92   3.43572   593887.59
4123359.92   2.66449
         593927.59   4123359.92   2.15559   593967.59
4123359.92   1.79186
         594007.59   4123359.92   1.51976   592567.59
4123399.92   1.03751
         592607.59   4123399.92   1.26735   592647.59
4123399.92   1.62527
         592687.59   4123399.92   2.22818   592727.59
4123399.92   3.28171

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0006750   , L0006751
 , L0006752   , L0006753   , L0006754   ,
                L0006755   , L0006756   , L0006757   , L0006758   , L0006759

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 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         592767.59    4123399.92        5.20891                      592807.59
4123399.92        9.44608
         592847.59    4123399.92        8.66621                      592887.59
4123399.92       15.29142
         592927.59    4123399.92       11.43021                      592967.59
4123399.92       11.48704
         593007.59    4123399.92       13.37260                      593047.59
4123399.92       16.87923
         593087.59    4123399.92       17.49534                      593127.59
4123399.92       19.19042
         593167.59    4123399.92       15.51168                      593207.59
4123399.92       17.96904
         593247.59    4123399.92       27.69910                      593287.59
4123399.92       65.91445
         593327.59    4123399.92       77.55289                      593367.59
4123399.92       94.21370
         593407.59    4123399.92       80.69678                      593447.59
4123399.92       82.84081
         593487.59    4123399.92       52.31306                      593527.59
4123399.92       29.88683
         593567.59    4123399.92       18.61881                      593607.59
4123399.92       13.22261
         593647.59    4123399.92       11.41288                      593687.59
4123399.92       10.96459
         593727.59    4123399.92        8.58090                      593767.59
4123399.92        4.64225
         593807.59    4123399.92        3.31081                      593847.59
4123399.92        2.56968
         593887.59    4123399.92        2.08069                      593927.59
4123399.92        1.73139
         593967.59    4123399.92        1.47178                      594007.59
4123399.92        1.27281
         592567.59    4123439.92        1.18282                      592607.59
4123439.92        1.45671
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         592647.59    4123439.92        1.85576                       592687.59
4123439.92        2.44827
         592727.59    4123439.92        3.33102                       592767.59
4123439.92        4.73530
         592807.59    4123439.92        7.28070                       592847.59
4123439.92       14.09859
         592887.59    4123439.92       15.03531                       592927.59
4123439.92       20.38695
         592967.59    4123439.92       22.74820                       593007.59
4123439.92       23.06522
         593047.59    4123439.92       28.08090                       593087.59
4123439.92       26.66241
         593127.59    4123439.92       14.45641                       593167.59
4123439.92       13.91857
         593207.59    4123439.92       17.68903                       593247.59
4123439.92       28.21064
         593287.59    4123439.92       70.18460                       593327.59
4123439.92      106.48934
         593367.59    4123439.92      201.68906                       593407.59
4123439.92      380.05785
         593447.59    4123439.92      100.86472                       593487.59
4123439.92       36.61947
         593527.59    4123439.92       18.72093                       593567.59
4123439.92       11.88741
         593607.59    4123439.92        8.75044                       593647.59
4123439.92        7.21290
         593687.59    4123439.92        5.90067                       593727.59
4123439.92        4.19458
         593767.59    4123439.92        3.12335                       593807.59
4123439.92        2.46659
         593847.59    4123439.92        2.02280                       593887.59
4123439.92        1.70194
         593927.59    4123439.92        1.45938                       593967.59
4123439.92        1.26881
         594007.59    4123439.92        1.11623                       592567.59
4123479.92        1.32530
         592607.59    4123479.92        1.61919                       592647.59
4123479.92        2.01686
         592687.59    4123479.92        2.56111                       592727.59
4123479.92        3.32611
         592767.59    4123479.92        4.46755                       592807.59
4123479.92        6.34536
         592847.59    4123479.92       10.40834                       592887.59
4123479.92       12.87985
         592927.59    4123479.92       25.70026                       592967.59
4123479.92       21.53609
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593007.59	4123479.92	19.27648	593047.59	4123479.92	18.48399
593087.59	4123479.92	12.46289	593127.59	4123479.92	11.41507
593167.59	4123479.92	13.11718	593207.59	4123479.92	17.69947
593247.59	4123479.92	28.04225	593287.59	4123479.92	50.28892
593327.59	4123479.92	89.58622	593367.59	4123479.92	218.96923
593407.59	4123479.92	82.58342	593447.59	4123479.92	29.02262
593487.59	4123479.92	15.42984	593527.59	4123479.92	10.02091
593567.59	4123479.92	7.30695	593607.59	4123479.92	5.71945
593647.59	4123479.92	4.62552	593687.59	4123479.92	3.73920
593727.59	4123479.92	2.97291	593767.59	4123479.92	2.41790
593807.59	4123479.92	2.01649	593847.59	4123479.92	1.70704
593887.59	4123479.92	1.46569	593927.59	4123479.92	1.27506
593967.59	4123479.92	1.12091	594007.59		

4123479.92 0.99606
592567.59 4123519.92 1.45524 592607.59
4123519.92 1.75150
592647.59 4123519.92 2.13858 592687.59
4123519.92 2.64783
592727.59 4123519.92 3.34162 592767.59
4123519.92 4.34157
592807.59 4123519.92 5.89069 592847.59
4123519.92 8.56321
592887.59 4123519.92 14.43963 592927.59
4123519.92 12.68863
592967.59 4123519.92 17.96678 593007.59
4123519.92 13.52127
593047.59 4123519.92 10.87976 593087.59
4123519.92 9.88604
593127.59 4123519.92 10.56298 593167.59
4123519.92 12.83581
593207.59 4123519.92 17.07865 593247.59
4123519.92 23.92894
593287.59 4123519.92 33.78601 593327.59
4123519.92 43.22360
593367.59 4123519.92 40.23960 593407.59
4123519.92 24.74738
593447.59 4123519.92 14.81700 593487.59
4123519.92 9.79330
593527.59 4123519.92 7.04523 593567.59
4123519.92 5.41024
593607.59 4123519.92 4.33385 593647.59
4123519.92 3.55064
593687.59 4123519.92 2.92350 593727.59
4123519.92 2.40554
593767.59 4123519.92 2.01036 593807.59
4123519.92 1.70620
593847.59 4123519.92 1.47270 593887.59
4123519.92 1.28322
593927.59 4123519.92 1.13233 593967.59
4123519.92 1.00585
594007.59 4123519.92 0.90233 592567.59
4123559.92 1.57136
592607.59 4123559.92 1.86633 592647.59
4123559.92 2.23779
592687.59 4123559.92 2.71616 592727.59
4123559.92 3.34638
592767.59 4123559.92 4.19595 592807.59
4123559.92 5.36284
592847.59 4123559.92 7.01837 592887.59
4123559.92 9.70521
592927.59 4123559.92 12.03899 592967.59
4123559.92 19.72358
593007.59 4123559.92 10.48854 593047.59

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0006750   , L0006751
 , L0006752   , L0006753   , L0006754   ,
                 L0006755   , L0006756   , L0006757   , L0006758   , L0006759
 , L0006760   , L0006761   , L0006762   ,
                 L0006763   , L0006764   , L0006765   , L0006766   , L0006767
 , L0006768   , L0006769   , L0006686   ,
                 L0006687   , L0006688   , L0006689   , L0006690   , L0006691
 , L0006692   , L0006693   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593247.59   4123559.92   17.52781   593287.59
4123559.92   20.12035
         593327.59   4123559.92   20.13076   593367.59
4123559.92   17.46219
         593407.59   4123559.92   12.71830   593447.59
4123559.92   9.10379
         593487.59   4123559.92   6.84382   593527.59
4123559.92   5.33041
         593567.59   4123559.92   4.27158   593607.59
4123559.92   3.47990
         593647.59   4123559.92   2.88275   593687.59
4123559.92   2.41043
         593727.59   4123559.92   2.02845   593767.59
4123559.92   1.72787
         593807.59   4123559.92   1.48983   593847.59
4123559.92   1.30386

593887.59 4123559.92 1.14908 593927.59 4123559.92 1.02368
593967.59 4123559.92 0.91739 594007.59 4123559.92 0.82908
592567.59 4123599.92 1.66954 592607.59 4123599.92 1.95768
592647.59 4123599.92 2.31230 592687.59 4123599.92 2.75225
592727.59 4123599.92 3.30305 592767.59 4123599.92 3.98819
592807.59 4123599.92 4.75225 592847.59 4123599.92 5.67611
592887.59 4123599.92 6.94915 592927.59 4123599.92 8.89897
592967.59 4123599.92 8.33574 593007.59 4123599.92 6.67781
593047.59 4123599.92 6.75021 593087.59 4123599.92 7.40025
593127.59 4123599.92 8.43215 593167.59 4123599.92 9.73759
593207.59 4123599.92 11.12840 593247.59 4123599.92 12.20576
593287.59 4123599.92 12.43216 593327.59 4123599.92 11.70295
593367.59 4123599.92 10.21280 593407.59 4123599.92 8.02616
593447.59 4123599.92 6.18560 593487.59 4123599.92 4.96110
593527.59 4123599.92 4.04676 593567.59 4123599.92 3.36604
593607.59 4123599.92 2.82289 593647.59 4123599.92 2.39710
593687.59 4123599.92 2.04768 593727.59 4123599.92 1.75512
593767.59 4123599.92 1.51889 593807.59 4123599.92 1.32893
593847.59 4123599.92 1.17408 593887.59 4123599.92 1.04413
593927.59 4123599.92 0.93822 593967.59 4123599.92 0.84607
594007.59 4123599.92 0.76973 593087.59 4123639.92 6.61619
593127.59 4123639.92 7.32623 593167.59 4123639.92 8.02096
593207.59 4123639.92 8.50404 593247.59 4123639.92 8.62668
593287.59 4123639.92 8.30982 593327.59 4123639.92 7.69118
593367.59 4123639.92 6.70799 593407.59 4123639.92 5.51612

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         593447.59    4123639.92        4.47036                      593487.59
4123639.92        3.72566
         593527.59    4123639.92        3.15078                      593567.59
4123639.92        2.69072
         593607.59    4123639.92        2.31979                      593647.59
4123639.92        2.00886
         593687.59    4123639.92        1.75415                      593727.59
4123639.92        1.53246
         593767.59    4123639.92        1.34912                      593807.59
4123639.92        1.19453
         593847.59    4123639.92        1.06721                      593887.59
4123639.92        0.95617
         593927.59    4123639.92        0.86563                      593967.59
4123639.92        0.78556
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                  L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                  L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                  L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         594007.59    4123639.92        0.71823                      593087.59
4123679.92        5.75168
         593127.59    4123679.92        6.07355                      593167.59
4123679.92        6.29629
         593207.59    4123679.92        6.34119                      593247.59
4123679.92        6.20042
         593287.59    4123679.92        5.87667                      593327.59
```

4123679.92 5.42096
593367.59 4123679.92 4.78522 593407.59
4123679.92 4.05293
593447.59 4123679.92 3.40733 593487.59
4123679.92 2.90616
593527.59 4123679.92 2.52214 593567.59
4123679.92 2.19853
593607.59 4123679.92 1.93208 593647.59
4123679.92 1.70569
593687.59 4123679.92 1.51178 593727.59
4123679.92 1.34458
593767.59 4123679.92 1.20051 593807.59
4123679.92 1.07525
593847.59 4123679.92 0.97097 593887.59
4123679.92 0.87787
593927.59 4123679.92 0.80084 593967.59
4123679.92 0.73172
594007.59 4123679.92 0.67245 593087.59
4123719.92 4.77696
593127.59 4123719.92 4.88816 593167.59
4123719.92 4.90382
593207.59 4123719.92 4.81839 593247.59
4123719.92 4.64463
593287.59 4123719.92 4.39445 593327.59
4123719.92 4.05042
593367.59 4123719.92 3.61250 593407.59
4123719.92 3.12831
593447.59 4123719.92 2.69390 593487.59
4123719.92 2.34327
593527.59 4123719.92 2.06536 593567.59
4123719.92 1.83547
593607.59 4123719.92 1.63352 593647.59
4123719.92 1.46367
593687.59 4123719.92 1.31389 593727.59
4123719.92 1.18245
593767.59 4123719.92 1.06961 593807.59
4123719.92 0.96935
593847.59 4123719.92 0.88251 593887.59
4123719.92 0.80592
593927.59 4123719.92 0.74071 593967.59
4123719.92 0.68190
594007.59 4123719.92 0.63018 593087.59
4123759.92 3.94043
593127.59 4123759.92 3.94402 593167.59
4123759.92 3.88531
593207.59 4123759.92 3.76535 593247.59
4123759.92 3.61248
593287.59 4123759.92 3.42359 593327.59
4123759.92 3.16103
593367.59 4123759.92 2.83700 593407.59

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4123759.92        2.50383
         593447.59    4123759.92        2.19183                       593487.59
4123759.92        1.93737
         593527.59    4123759.92        1.72841                       593567.59
4123759.92        1.55688
         593607.59    4123759.92        1.40347                       593647.59
4123759.92        1.26846
         593687.59    4123759.92        1.15161                       593727.59
4123759.92        1.04707
         593767.59    4123759.92        0.95607                       593807.59
4123759.92        0.87418
         593847.59    4123759.92        0.80312                       593887.59
4123759.92        0.74172
         593927.59    4123759.92        0.68565                       593967.59
4123759.92        0.63494
         594007.59    4123759.92        0.59022                       593087.59
4123799.92        3.26049
         593127.59    4123799.92        3.21634                       593167.59
4123799.92        3.13550
         593207.59    4123799.92        3.02986                       593247.59
4123799.92        2.90278
         593287.59    4123799.92        2.74700                       593327.59
4123799.92        2.54436
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
```

- -
- -
593367.59 4123799.92 2.30084 593407.59
4123799.92 2.05633
593447.59 4123799.92 1.82838 593487.59
4123799.92 1.63238
593527.59 4123799.92 1.47321 593567.59
4123799.92 1.33758
593607.59 4123799.92 1.22105 593647.59
4123799.92 1.11284
593687.59 4123799.92 1.01721 593727.59
4123799.92 0.93502
593767.59 4123799.92 0.85810 593807.59
4123799.92 0.79148
593847.59 4123799.92 0.73362 593887.59
4123799.92 0.68242
593927.59 4123799.92 0.63480 593967.59
4123799.92 0.59106
594007.59 4123799.92 0.55282 593087.59
4123839.92 2.71974
593127.59 4123839.92 2.66127 593167.59
4123839.92 2.58470
593207.59 4123839.92 2.49457 593247.59
4123839.92 2.38858
593287.59 4123839.92 2.25858 593327.59
4123839.92 2.09739
593367.59 4123839.92 1.91221 593407.59
4123839.92 1.72509
593447.59 4123839.92 1.55286 593487.59
4123839.92 1.39872
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4123839.92 1.16457
593607.59 4123839.92 1.07130 593647.59
4123839.92 0.98526
593687.59 4123839.92 0.90757 593727.59
4123839.92 0.83977
593767.59 4123839.92 0.77593 593807.59
4123839.92 0.72136
593847.59 4123839.92 0.67175 593887.59
4123839.92 0.62735
593927.59 4123839.92 0.58677 593967.59
4123839.92 0.54982
594007.59 4123839.92 0.51686 593087.59
4123879.92 2.29397
593127.59 4123879.92 2.23540 593167.59
4123879.92 2.16870
593207.59 4123879.92 2.09427 593247.59
4123879.92 2.00713
593287.59 4123879.92 1.89368 593327.59
4123879.92 1.76042

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         593367.59    4123879.92        1.61852                      593407.59
4123879.92        1.47284
         593447.59    4123879.92        1.33672                      593487.59
4123879.92        1.21521
         593527.59    4123879.92        1.11199                      593567.59
4123879.92        1.02504
         593607.59    4123879.92        0.94932                      593647.59
4123879.92        0.88036
         593687.59    4123879.92        0.81573                      593727.59
4123879.92        0.75829
         593767.59    4123879.92        0.70614                      593807.59
4123879.92        0.65987
         593847.59    4123879.92        0.61741                      593887.59
4123879.92        0.57844
         593927.59    4123879.92        0.54379                      593967.59
4123879.92        0.51191
         594007.59    4123879.92        0.48346

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        592567.59   4122799.92       19.47266  (14110207)               592607.59
 4122799.92       19.50209  (14110207)
        592647.59   4122799.92       19.41291  (14110207)               592687.59
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       592727.59   4122799.92       19.55419  (17120508)                592767.59
4122799.92       19.89430  (17120508)
       592807.59   4122799.92       19.92580  (17120508)                592847.59
4122799.92       19.80595  (17120508)
       592887.59   4122799.92       19.50876  (14110707)                592927.59
4122799.92       19.43965  (14110707)
       592967.59   4122799.92       18.78912  (17122518)                593007.59
4122799.92       20.80580  (17122518)
       593047.59   4122799.92       22.21103  (17122518)                593087.59
4122799.92       23.44950  (17122518)
       593127.59   4122799.92       24.87869  (17122518)                593167.59
4122799.92       26.59751  (16122217)
       593207.59   4122799.92       27.88599  (13121317)                593247.59
4122799.92       28.80826  (13122018)
       593287.59   4122799.92       29.80757  (17121318)                593327.59
4122799.92       30.79653  (17121318)
       593367.59   4122799.92       30.87694  (16120518)                593407.59
4122799.92       31.52966  (16120518)
       593447.59   4122799.92       30.11833  (16120518)                593487.59
4122799.92       31.20351  (14122618)
       593527.59   4122799.92       31.02048  (14010218)                593567.59
4122799.92       31.58576  (14010218)
       593607.59   4122799.92       31.35319  (16011518)                593647.59
4122799.92       30.48538  (16011518)
       593687.59   4122799.92       30.12676  (15012618)                593727.59
4122799.92       30.47524  (15012618)
       593767.59   4122799.92       29.96427  (15012618)                593807.59
4122799.92       29.45247  (15120818)
       593847.59   4122799.92       28.89049  (15120818)                593887.59
4122799.92       27.97596  (15120818)
       593927.59   4122799.92       27.21345  (15011007)                593967.59
4122799.92       27.03748  (17120717)
       594007.59   4122799.92       26.65042  (17120717)                592567.59
4122839.92       21.01552  (15020708)
       592607.59   4122839.92       20.51768  (14110207)                592647.59
4122839.92       21.01936  (14110207)
       592687.59   4122839.92       21.20825  (14110207)                592727.59
4122839.92       21.01564  (14110207)
       592767.59   4122839.92       20.74704  (13122717)                592807.59
4122839.92       21.28268  (17120508)
       592847.59   4122839.92       21.62529  (17120508)                592887.59
4122839.92       21.61535  (17120508)
       592927.59   4122839.92       21.42035  (17120508)                592967.59
4122839.92       20.93803  (14110707)
       593007.59   4122839.92       22.32866  (17122518)                593047.59
4122839.92       23.54533  (17122518)
       593087.59   4122839.92       24.75313  (17122518)                593127.59
4122839.92       26.48464  (16122217)
       593167.59   4122839.92       28.57094  (16122217)                593207.59
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 4122839.92       34.05302  (16120518)
       593407.59   4122839.92       33.47119  (16120518)               593447.59
 4122839.92       33.60545  (14122618)
       593487.59   4122839.92       33.68089  (14122618)               593527.59
 4122839.92       34.29285  (14010218)
       593567.59   4122839.92       34.01647  (16011518)               593607.59
 4122839.92       33.08093  (16011518)
       593647.59   4122839.92       32.67802  (15012618)               593687.59
 4122839.92       32.86794  (15012618)
       593727.59   4122839.92       32.17331  (15012618)               593767.59
 4122839.92       31.75698  (15120818)
       593807.59   4122839.92       31.05646  (15120818)               593847.59
 4122839.92       29.85701  (15120818)
       593887.59   4122839.92       29.48237  (17120717)               593927.59
 4122839.92       29.19728  (17120717)
       593967.59   4122839.92       28.49518  (17120717)               594007.59
 4122839.92       27.76380  (14112618)
       592567.59   4122879.92       23.28585  (15020708)               592607.59
 4122879.92       20.94499  (13011007)
       592647.59   4122879.92       21.76785  (14110207)               592687.59
 4122879.92       22.63393  (14110207)
       592727.59   4122879.92       22.90819  (14110207)               592767.59
 4122879.92       22.93568  (14110207)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592807.59	4122879.92	22.87190	(14110207)	592847.59	4122879.92	22.83007	(17120508)
592887.59	4122879.92	23.45405	(17120508)	592927.59	4122879.92	23.47990	(17120508)
592967.59	4122879.92	23.22809	(17120508)	593007.59	4122879.92	23.87657	(17122518)
593047.59	4122879.92	24.92193	(17122518)	593087.59	4122879.92	26.21732	(16122217)
593127.59	4122879.92	28.34562	(16122217)	593167.59	4122879.92	30.90475	(16122217)
593207.59	4122879.92	32.51026	(13121317)	593247.59	4122879.92	34.11526	(13122018)
593287.59	4122879.92	35.86599	(17121318)	593327.59	4122879.92	36.28751	(16120518)
593367.59	4122879.92	37.08342	(16120518)	593407.59	4122879.92	36.18410	(14122618)
593447.59	4122879.92	36.94504	(14122618)	593487.59	4122879.92	37.44739	(14010218)
593527.59	4122879.92	37.18120	(16011518)	593567.59	4122879.92	36.11447	(16011518)
593607.59	4122879.92	35.97467	(15012618)	593647.59	4122879.92	35.85563	(15012618)
593687.59	4122879.92	34.84363	(15120818)	593727.59	4122879.92	34.50606	(15120818)
593767.59	4122879.92	33.43261	(15120818)	593807.59	4122879.92	32.28313	(15011007)
593847.59	4122879.92	32.10962	(17120717)	593887.59	4122879.92	31.52782	(17120717)
593927.59	4122879.92	30.51878	(17120717)	593967.59	4122879.92	30.68383	(14112618)
594007.59	4122879.92	30.53625	(14112618)	592567.59	4122919.92	25.49830	(15020708)
592607.59	4122919.92	23.46202	(15020708)	592647.59	4122919.92	22.66770	(13011007)
592687.59	4122919.92	23.11706	(13011007)	592727.59	4122919.92	23.77201	(14110207)
592767.59	4122919.92	24.64863	(14110207)	592807.59	4122919.92	25.26753	(14110207)
592847.59	4122919.92	25.40832	(14110207)	592887.59	4122919.92	25.43294	(14110207)
592927.59	4122919.92	23.69319	(15013008)	592967.59	4122919.92	24.31232	(17122518)
593007.59	4122919.92	25.54758	(17122518)	593047.59	4122919.92	26.38989	(16122217)

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       593087.59   4122919.92       27.95531  (16122217)                593127.59
 4122919.92       30.52652  (16122217)
       593167.59   4122919.92       33.78503  (16122217)                593207.59
 4122919.92       35.55337  (13122018)
       593247.59   4122919.92       37.76553  (17121318)                593287.59
 4122919.92       39.28622  (17121318)
       593327.59   4122919.92       40.75781  (16120518)                593367.59
 4122919.92       39.63247  (16120518)
       593407.59   4122919.92       40.71025  (14122618)                593447.59
 4122919.92       41.18517  (14010218)
       593487.59   4122919.92       40.92849  (16011518)                593527.59
 4122919.92       39.81723  (16011518)
       593567.59   4122919.92       39.64271  (15012618)                593607.59
 4122919.92       39.44800  (15012618)
       593647.59   4122919.92       38.48943  (15120818)                593687.59
 4122919.92       37.68740  (15120818)
       593727.59   4122919.92       36.15766  (15120818)                593767.59
 4122919.92       35.40900  (17120717)
       593807.59   4122919.92       34.96927  (17120717)                593847.59
 4122919.92       34.02449  (17120717)
       593887.59   4122919.92       33.93890  (14112618)                593927.59
 4122919.92       33.89822  (14112618)
       593967.59   4122919.92       33.31174  (14112618)                594007.59
 4122919.92       32.57074  (13111118)
       592567.59   4122959.92       25.07733  (13010808)                592607.59
 4122959.92       24.68822  (15020708)
       592647.59   4122959.92       24.74359  (14122808)                592687.59
 4122959.92       25.11250  (14122808)
       592727.59   4122959.92       25.15826  (14122808)                592767.59
 4122959.92       25.55889  (13011007)
       592807.59   4122959.92       26.36393  (14110207)                592847.59
 4122959.92       26.44378  (14110207)
       592887.59   4122959.92       27.49374  (14110207)                592927.59
 4122959.92       27.20431  (14110207)
       592967.59   4122959.92       26.52099  (14110207)                593007.59
 4122959.92       27.32216  (17122518)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
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                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593047.59   4122959.92       28.24439  (16122217)               593087.59
 4122959.92       29.89711  (16122217)
        593127.59   4122959.92       33.21667  (16122217)               593167.59
 4122959.92       37.28971  (16122217)
        593207.59   4122959.92       39.81926  (13122018)               593247.59
 4122959.92       42.84663  (17121318)
        593287.59   4122959.92       43.99540  (16120518)               593327.59
 4122959.92       45.06764  (16120518)
        593367.59   4122959.92       45.00505  (14122618)               593407.59
 4122959.92       45.60280  (14010218)
        593447.59   4122959.92       45.55534  (14010218)               593487.59
 4122959.92       44.31489  (16011518)
        593527.59   4122959.92       44.43319  (15012618)               593567.59
 4122959.92       43.68311  (15012618)
        593607.59   4122959.92       42.83229  (15120818)               593647.59
 4122959.92       41.55387  (15120818)
        593687.59   4122959.92       39.58168  (17120717)               593727.59
 4122959.92       39.23213  (17120717)
        593767.59   4122959.92       38.21609  (17120717)               593807.59
 4122959.92       37.81234  (14112618)
        593847.59   4122959.92       37.78980  (14112618)               593887.59
 4122959.92       37.28497  (14112618)
        593927.59   4122959.92       36.52051  (13111118)               593967.59
 4122959.92       35.74893  (13111118)
        594007.59   4122959.92       34.55549  (13111118)               592567.59
 4122999.92       23.09059  (13010808)
        592607.59   4122999.92       26.82503  (13010808)               592647.59
 4122999.92       26.46036  (13112507)
        592687.59   4122999.92       27.18130  (13112507)               592727.59
 4122999.92       27.82538  (14122708)
        592767.59   4122999.92       28.03025  (14122708)               592807.59
 4122999.92       28.61288  (14122708)
        592847.59   4122999.92       28.09477  (14122708)               592887.59
 4122999.92       27.81032  (14122708)
        592927.59   4122999.92       27.91875  (14110207)               592967.59
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 4122999.92       28.56975  (17122518)
       593007.59   4122999.92       29.30304  (16122217)                593047.59
 4122999.92       30.26012  (16122217)
       593087.59   4122999.92       32.10233  (16122217)                593127.59
 4122999.92       36.54844  (16122217)
       593167.59   4122999.92       41.92056  (16122217)                593207.59
 4122999.92       45.37828  (13122018)
       593247.59   4122999.92       48.70887  (17121318)                593287.59
 4122999.92       50.83300  (16120518)
       593327.59   4122999.92       49.85105  (14122618)                593367.59
 4122999.92       50.90337  (14010218)
       593407.59   4122999.92       51.49964  (14010218)                593447.59
 4122999.92       49.95319  (16011518)
       593487.59   4122999.92       50.09532  (15012618)                593527.59
 4122999.92       48.94675  (15012618)
       593567.59   4122999.92       47.91329  (15120818)                593607.59
 4122999.92       45.94441  (15120818)
       593647.59   4122999.92       44.50192  (17120717)                593687.59
 4122999.92       43.52256  (17120717)
       593727.59   4122999.92       42.62827  (14112618)                593767.59
 4122999.92       42.59938  (14112618)
       593807.59   4122999.92       42.02817  (14112618)                593847.59
 4122999.92       41.20862  (13111118)
       593887.59   4122999.92       40.42716  (13111118)                593927.59
 4122999.92       39.09981  (13111118)
       593967.59   4122999.92       37.19436  (13111118)                594007.59
 4122999.92       35.91040  (13011618)
       592567.59   4123039.92       24.37945  (13010808)                592607.59
 4123039.92       27.31384  (13010808)
       592647.59   4123039.92       28.55145  (16111407)                592687.59
 4123039.92       29.48711  (16111407)
       592727.59   4123039.92       30.08001  (16012707)                592767.59
 4123039.92       29.12961  (13112507)
       592807.59   4123039.92       29.49026  (13112507)                592847.59
 4123039.92       30.60573  (14122708)
       592887.59   4123039.92       31.23206  (14122708)                592927.59
 4123039.92       31.30514  (14122708)
       592967.59   4123039.92       31.28803  (14122708)                593007.59
 4123039.92       31.70382  (16122217)
       593047.59   4123039.92       32.55873  (16122217)                593087.59
 4123039.92       34.85796  (14110207)
       593127.59   4123039.92       40.86018  (16122217)                593167.59
 4123039.92       48.08285  (16122217)
       593207.59   4123039.92       52.72170  (13111407)                593247.59
 4123039.92       56.01889  (16120518)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593287.59	4123039.92	57.52942	(16120518)	593327.59	4123039.92	58.29554	(14122618)
593367.59	4123039.92	59.24652	(14010218)	593407.59	4123039.92	57.01437	(16011518)
593447.59	4123039.92	57.45801	(15012618)	593487.59	4123039.92	55.74214	(15120818)
593527.59	4123039.92	54.37544	(15120818)	593567.59	4123039.92	51.50851	(13110207)
593607.59	4123039.92	50.37960	(17120717)	593647.59	4123039.92	49.28186	(16121108)
593687.59	4123039.92	49.16211	(14112618)	593727.59	4123039.92	48.40073	(14112618)
593767.59	4123039.92	47.48840	(13111118)	593807.59	4123039.92	46.42669	(13111118)
593847.59	4123039.92	44.70593	(13111118)	593887.59	4123039.92	42.55234	(13111118)
593927.59	4123039.92	41.28247	(17121418)	593967.59	4123039.92	39.79541	(16121107)
594007.59	4123039.92	38.16264	(16121107)	592567.59	4123079.92	24.30555	(13010808)
592607.59	4123079.92	28.67162	(13010808)	592647.59	4123079.92	31.19499	(13010808)
592687.59	4123079.92	31.16227	(16111407)	592727.59	4123079.92	30.95078	(16111407)
592767.59	4123079.92	31.31035	(16111407)	592807.59	4123079.92	31.82359	(16111407)

592847.59 4123079.92 32.51437 (16111407) 592887.59
4123079.92 32.83665 (16111407)
592927.59 4123079.92 34.10714 (14122708) 592967.59
4123079.92 35.47340 (14122708)
593007.59 4123079.92 35.48414 (14122708) 593047.59
4123079.92 35.37300 (14122708)
593087.59 4123079.92 37.83044 (16122217) 593127.59
4123079.92 46.63990 (16122217)
593167.59 4123079.92 56.47593 (16122217) 593207.59
4123079.92 63.58730 (17121318)
593247.59 4123079.92 67.95118 (16120518) 593287.59
4123079.92 68.10311 (14122618)
593327.59 4123079.92 69.37909 (14010218) 593367.59
4123079.92 66.74171 (13111408)
593407.59 4123079.92 66.88811 (15012618) 593447.59
4123079.92 65.26629 (15120818)
593487.59 4123079.92 62.33256 (15120818) 593527.59
4123079.92 59.92970 (13110207)
593567.59 4123079.92 58.12261 (16121108) 593607.59
4123079.92 57.80297 (14112618)
593647.59 4123079.92 56.89339 (14112618) 593687.59
4123079.92 55.91184 (13111118)
593727.59 4123079.92 54.56909 (13111118) 593767.59
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593887.59 4123079.92 46.53574 (16121107) 593927.59
4123079.92 44.12063 (17121518)
593967.59 4123079.92 42.44706 (17121518) 594007.59
4123079.92 40.61572 (17120307)
592567.59 4123119.92 24.30533 (17120508) 592607.59
4123119.92 29.36248 (13010808)
592647.59 4123119.92 34.29945 (13010808) 592687.59
4123119.92 34.54517 (13010808)
592727.59 4123119.92 32.23068 (16122207) 592767.59
4123119.92 33.13317 (16122207)
592807.59 4123119.92 34.26791 (16122207) 592847.59
4123119.92 35.21106 (16122207)
592887.59 4123119.92 35.81627 (16111407) 592927.59
4123119.92 37.54658 (16111407)
592967.59 4123119.92 39.19026 (16111407) 593007.59
4123119.92 40.03781 (14122708)
593047.59 4123119.92 41.78274 (14122708) 593087.59
4123119.92 41.41237 (16122217)
593127.59 4123119.92 55.32188 (16122217) 593167.59
4123119.92 68.87171 (13121317)
593207.59 4123119.92 78.61339 (13010418) 593247.59
4123119.92 80.68195 (14122618)
593287.59 4123119.92 83.94055 (14010218) 593327.59
4123119.92 80.06486 (13111408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593527.59	4123119.92	70.34584	(16121108)	593567.59	4123119.92	68.62855	(13111118)
593607.59	4123119.92	67.67310	(13111118)	593647.59	4123119.92	65.70839	(13111118)
593687.59	4123119.92	63.29537	(13111118)	593727.59	4123119.92	61.57041	(17121418)
593767.59	4123119.92	59.32227	(16121107)	593807.59	4123119.92	56.35137	(16121107)
593847.59	4123119.92	53.33690	(17121518)	593887.59	4123119.92	50.78298	(17120307)
593927.59	4123119.92	48.38179	(17011118)	593967.59	4123119.92	45.97159	(17011118)
594007.59	4123119.92	43.62442	(17011118)	592567.59	4123159.92	29.54644	(17120508)
592607.59	4123159.92	29.21020	(17120508)	592647.59	4123159.92	36.49628	(13010808)
592687.59	4123159.92	41.90581	(13010808)	592727.59			

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4123159.92       39.11059  (13010808)
       592767.59   4123159.92       38.32276  (15021808)                592807.59
4123159.92       37.39650  (17121217)
       592847.59   4123159.92       40.10308  (17121217)                592887.59
4123159.92       40.78837  (17122518)
       592927.59   4123159.92       42.99513  (15012408)                592967.59
4123159.92       44.37972  (16122207)
       593007.59   4123159.92       45.35471  (16122207)                593047.59
4123159.92       48.61325  (14122708)
       593087.59   4123159.92       51.97709  (14122708)                593127.59
4123159.92       68.77102  (16122217)
       593167.59   4123159.92       91.08669  (14010618)                593207.59
4123159.92      104.18609  (16120518)
       593247.59   4123159.92      106.06649  (14010218)                593287.59
4123159.92      101.65794  (13121617)
       593327.59   4123159.92       99.39875  (15120818)                593367.59
4123159.92       95.14432  (15120818)
       593407.59   4123159.92       90.95517  (13110207)                593447.59
4123159.92       89.58093  (16121108)
       593487.59   4123159.92       87.75677  (17112408)                593527.59
4123159.92       85.86093  (13111118)
       593567.59   4123159.92       82.82742  (17121418)                593607.59
4123159.92       81.41267  (17121418)
       593647.59   4123159.92       79.01948  (17121418)                593687.59
4123159.92       75.99760  (17121418)
       593727.59   4123159.92       72.09338  (17121518)                593767.59
4123159.92       68.72492  (17120307)
       593807.59   4123159.92       64.75349  (17011118)                593847.59
4123159.92       60.02915  (17011118)
       593887.59   4123159.92       55.41695  (17011118)                593927.59
4123159.92       51.22972  (15011108)
       593967.59   4123159.92       47.71287  (15011108)                594007.59
4123159.92       44.70399  (16122018)
       592567.59   4123199.92       33.34086  (15013008)                592607.59
4123199.92       35.92869  (17120508)
       592647.59   4123199.92       36.52349  (17120508)                592687.59
4123199.92       47.38760  (13010808)
       592727.59   4123199.92       52.47096  (13010808)                592767.59
4123199.92       45.94303  (15021808)
       592807.59   4123199.92       45.68274  (17121217)                592847.59
4123199.92       47.03247  (17121217)
       592887.59   4123199.92       46.85453  (16122217)                592927.59
4123199.92       47.60470  (15120907)
       592967.59   4123199.92       51.67935  (15120907)                593007.59
4123199.92       57.28204  (15120907)
       593047.59   4123199.92       63.16339  (15120907)                593087.59
4123199.92       70.21922  (15012408)
       593127.59   4123199.92       92.46319  (16122217)                593167.59
4123199.92      135.96549  (13010418)
       593207.59   4123199.92      147.58414  (13121717)                593247.59
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4123199.92   141.07153 (13121617)
       593287.59   4123199.92   132.91928 (14012018)   593327.59
4123199.92   126.71674 (14012418)
       593367.59   4123199.92   125.08399 (17112408)   593407.59
4123199.92   122.06931 (17112408)
       593447.59   4123199.92   118.72215 (17121418)   593487.59
4123199.92   117.61506 (17121418)
       593527.59   4123199.92   114.94210 (17121418)   593567.59
4123199.92   111.38582 (17121418)
       593607.59   4123199.92   107.62409 (17121418)   593647.59
4123199.92   104.47985 (17011118)
       593687.59   4123199.92   98.89227 (17011118)   593727.59
4123199.92   89.17365 (17011118)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S):   L0006750   , L0006751   , L0006752   , L0006753   , L0006754   ,
L0006755   , L0006756   , L0006757   , L0006758   , L0006759   , L0006760   , L0006761   , L0006762   ,
L0006763   , L0006764   , L0006765   , L0006766   , L0006767   , L0006768   , L0006769   , L0006686   ,
L0006687   , L0006688   , L0006689   , L0006690   , L0006691   , L0006692   , L0006693   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
       593767.59   4123199.92   79.34851 (15011108)   593807.59
4123199.92   71.24926 (15010617)
       593847.59   4123199.92   64.59519 (15010617)   593887.59
4123199.92   58.93713 (16122018)
       593927.59   4123199.92   54.17341 (17120118)   593967.59
4123199.92   50.33094 (17120118)
       594007.59   4123199.92   47.07321 (17120118)   592567.59
4123239.92   34.37353 (15013008)

592607.59 4123239.92 40.05016 (15013008) 592647.59
4123239.92 45.28436 (17120508)
592687.59 4123239.92 48.68224 (17120508) 592727.59
4123239.92 66.19384 (13010808)
592767.59 4123239.92 75.63986 (15021717) 592807.59
4123239.92 59.99510 (15021808)
592847.59 4123239.92 59.56384 (16122217) 592887.59
4123239.92 53.13143 (16122217)
592927.59 4123239.92 54.90911 (17112207) 592967.59
4123239.92 58.94772 (17112207)
593007.59 4123239.92 67.78906 (17112207) 593047.59
4123239.92 80.90133 (17112207)
593087.59 4123239.92 102.54825 (17112207) 593127.59
4123239.92 142.78899 (17121507)
593167.59 4123239.92 188.74359 (13121717) 593207.59
4123239.92 190.59968 (13042707)
593247.59 4123239.92 214.10600 (13042707) 593287.59
4123239.92 170.53162 (13042707)
593327.59 4123239.92 199.11044 (13042707) 593367.59
4123239.92 167.91212 (15120117)
593407.59 4123239.92 190.37553 (13042707) 593447.59
4123239.92 175.05193 (15120117)
593487.59 4123239.92 196.63016 (15120117) 593527.59
4123239.92 176.62378 (15120117)
593567.59 4123239.92 195.22046 (15120117) 593607.59
4123239.92 202.29094 (15120117)
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4123239.92 127.69438 (15120117)
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4123239.92 87.56257 (17120118)
593807.59 4123239.92 76.02738 (17120118) 593847.59
4123239.92 67.65094 (17120118)
593887.59 4123239.92 60.84046 (17120118) 593927.59
4123239.92 55.22187 (17120118)
593967.59 4123239.92 50.43826 (17120118) 594007.59
4123239.92 46.48680 (17120118)
592567.59 4123279.92 35.01923 (15120907) 592607.59
4123279.92 38.58139 (14122708)
592647.59 4123279.92 48.16269 (15013008) 592687.59
4123279.92 59.59788 (15013008)
592727.59 4123279.92 72.19496 (17120508) 592767.59
4123279.92 118.19931 (15021717)
592807.59 4123279.92 90.78104 (17121217) 592847.59
4123279.92 74.74212 (16122217)
592887.59 4123279.92 60.84042 (16122217) 592927.59
4123279.92 59.03391 (14121208)
592967.59 4123279.92 64.31701 (17111107) 593007.59
4123279.92 75.12804 (17111107)
593047.59 4123279.92 93.19505 (17111107) 593087.59
4123279.92 131.08919 (15112108)

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       593127.59   4123279.92      191.08017  (16050607)                593167.59
 4123279.92      147.66108  (14110908)
       593207.59   4123279.92      125.81353  (14110908)                593247.59
 4123279.92      122.31229  (17112507)
       593287.59   4123279.92      121.27392  (17112507)                593327.59
 4123279.92      121.74249  (16012817)
       593367.59   4123279.92      123.99653  (16012817)                593407.59
 4123279.92      119.34247  (16012817)
       593447.59   4123279.92      126.53948  (16012817)                593487.59
 4123279.92      130.93595  (16012817)
       593527.59   4123279.92      131.85508  (16012817)                593567.59
 4123279.92      134.08969  (16012817)
       593607.59   4123279.92      164.38551  (13030208)                593647.59
 4123279.92      149.68954  (16012817)
       593687.59   4123279.92      117.45405  (17120507)                593727.59
 4123279.92       92.83701  (17120118)
       593767.59   4123279.92       79.22547  (17120118)                593807.59
 4123279.92       69.47264  (17120118)
       593847.59   4123279.92       62.11703  (17120118)                593887.59
 4123279.92       55.81561  (17120118)
       593927.59   4123279.92       50.47508  (17120118)                593967.59
 4123279.92       45.76706  (17120118)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
594007.59 4123279.92 41.90811 (17120118) 592567.59
4123319.92 39.74045 (15120907)
592607.59 4123319.92 43.96947 (15120907) 592647.59
4123319.92 49.23739 (15120907)
592687.59 4123319.92 56.93477 (14122708) 592727.59
4123319.92 78.02789 (15013008)
592767.59 4123319.92 122.53843 (17120508) 592807.59
4123319.92 177.00656 (15021717)
592847.59 4123319.92 106.92359 (13042707) 592887.59
4123319.92 74.30450 (13042707)
592927.59 4123319.92 66.06200 (16122217) 592967.59
4123319.92 70.55602 (16122217)
593007.59 4123319.92 84.90768 (15112108) 593047.59
4123319.92 114.58981 (15112108)
593087.59 4123319.92 173.40739 (16050607) 593127.59
4123319.92 169.50931 (14011717)
593167.59 4123319.92 122.44626 (15112308) 593207.59
4123319.92 97.71105 (17112408)
593247.59 4123319.92 81.72927 (17121418) 593287.59
4123319.92 71.83782 (13112518)
593327.59 4123319.92 68.38108 (16110107) 593367.59
4123319.92 66.76518 (17111507)
593407.59 4123319.92 62.73630 (14110908) 593447.59
4123319.92 63.57268 (14110908)
593487.59 4123319.92 64.26715 (14110908) 593527.59
4123319.92 65.43079 (14110908)
593567.59 4123319.92 70.04852 (14110908) 593607.59
4123319.92 88.46399 (14110908)
593647.59 4123319.92 120.50674 (13042807) 593687.59
4123319.92 195.11883 (16012817)
593727.59 4123319.92 100.69088 (16010307) 593767.59
4123319.92 75.54655 (17120507)
593807.59 4123319.92 63.55730 (17120507) 593847.59
4123319.92 55.04055 (17120507)
593887.59 4123319.92 48.39344 (17120507) 593927.59
4123319.92 43.26570 (17120507)
593967.59 4123319.92 39.03514 (17120507) 594007.59
4123319.92 35.80679 (15110207)
592567.59 4123359.92 42.49095 (17111107) 592607.59
4123359.92 47.17383 (17111107)
592647.59 4123359.92 53.33893 (17111107) 592687.59
4123359.92 61.68861 (17111107)
592727.59 4123359.92 74.05861 (17111107) 592767.59
4123359.92 95.85891 (15013008)
592807.59 4123359.92 170.64094 (17120508) 592847.59
4123359.92 172.30056 (13030208)
592887.59 4123359.92 95.61194 (13042707) 592927.59
4123359.92 80.31315 (16122217)
592967.59 4123359.92 87.18587 (14010318) 593007.59

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 4123359.92       95.58240  (15112108)
       593047.59   4123359.92      117.88228  (14120908)                593087.59
 4123359.92      141.62936  (15111308)
       593127.59   4123359.92      174.96812  (13042707)                593167.59
 4123359.92      118.67090  (13042707)
       593207.59   4123359.92       90.92431  (17121418)                593247.59
 4123359.92       75.34532  (17011118)
       593287.59   4123359.92       66.18031  (15010617)                593327.59
 4123359.92       60.02936  (15010617)
       593367.59   4123359.92       54.74942  (15120117)                593407.59
 4123359.92       49.11841  (15120117)
       593447.59   4123359.92       45.91977  (15010918)                593487.59
 4123359.92       45.08201  (13111308)
       593527.59   4123359.92       46.20258  (14110908)                593567.59
 4123359.92       49.59881  (14110908)
       593607.59   4123359.92       59.09518  (14110908)                593647.59
 4123359.92       99.82433  (17101908)
       593687.59   4123359.92      153.24272  (15021909)                593727.59
 4123359.92      159.23398  (16012817)
       593767.59   4123359.92       82.86797  (16111607)                593807.59
 4123359.92       65.50418  (13110507)
       593847.59   4123359.92       54.54657  (13110507)                593887.59
 4123359.92       46.71795  (16010307)
       593927.59   4123359.92       40.97024  (16120717)                593967.59
 4123359.92       36.73367  (16120717)
       594007.59   4123359.92       33.56723  (17120507)                592567.59
 4123399.92       44.50077  (17111107)
       592607.59   4123399.92       49.07109  (17111107)                592647.59
 4123399.92       54.65905  (15121107)
       592687.59   4123399.92       62.16903  (17111107)                592727.59
 4123399.92       73.34398  (15112108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	90.71221	(15112108)	592807.59	4123399.92	126.13214	(15051907)
592847.59	4123399.92	217.99859	(15021717)	592887.59	4123399.92	141.02258	(14110908)
592927.59	4123399.92	106.08106	(17122409)	592967.59	4123399.92	118.19646	(14011718)
593007.59	4123399.92	111.16229	(14011717)	593047.59	4123399.92	130.46434	(17111507)
593087.59	4123399.92	133.19502	(14112008)	593127.59	4123399.92	177.37275	(13042707)
593167.59	4123399.92	105.06507	(17011118)	593207.59	4123399.92	86.88528	(15010617)
593247.59	4123399.92	73.52847	(15120117)	593287.59	4123399.92	63.58056	(15120117)
593327.59	4123399.92	55.82062	(15120117)	593367.59	4123399.92	49.75674	(15120117)
593407.59	4123399.92	44.65071	(15120117)	593447.59	4123399.92	40.84819	(15010918)
593487.59	4123399.92	38.21106	(15010918)	593527.59	4123399.92	36.71045	(13111108)
593567.59	4123399.92	39.68848	(15111308)	593607.59	4123399.92	47.16671	(16111708)
593647.59	4123399.92	67.35019	(16050607)	593687.59	4123399.92	127.90012	(17101908)
593727.59	4123399.92	140.50069	(16012817)	593767.59	4123399.92	87.88155	(16012817)
593807.59	4123399.92	62.61641	(16122918)	593847.59	4123399.92	51.05320	(15121507)
593887.59	4123399.92	43.46578	(16111607)	593927.59	4123399.92	38.89540	(13110507)
593967.59	4123399.92	35.02519	(13110507)	594007.59	4123399.92	31.74411	(16010307)
592567.59	4123439.92	44.35070	(14011307)	592607.59	4123439.92	48.79914	(14011307)
592647.59	4123439.92	56.71094	(15112108)	592687.59	4123439.92	66.04273	(15112108)
592727.59	4123439.92	76.88254	(15112108)	592767.59	4123439.92	91.63438	(15112108)
592807.59	4123439.92	113.33012	(15112108)	592847.59	4123439.92	185.07115	(15051907)

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       592887.59   4123439.92      203.62118  (13030208)                592927.59
 4123439.92      201.78506  (13030208)
       592967.59   4123439.92      223.87519  (13042707)                593007.59
 4123439.92      200.07834  (13042707)
       593047.59   4123439.92      204.99952  (13030208)                593087.59
 4123439.92      258.15603  (13042707)
       593127.59   4123439.92      134.89264  (15120117)                593167.59
 4123439.92       95.32957  (15120117)
       593207.59   4123439.92       74.44133  (17120118)                593247.59
 4123439.92       61.26631  (17120118)
       593287.59   4123439.92       52.04291  (17120118)                593327.59
 4123439.92       45.09460  (17120118)
       593367.59   4123439.92       39.85636  (15010918)                593407.59
 4123439.92       36.37922  (17120507)
       593447.59   4123439.92       33.76082  (17120507)                593487.59
 4123439.92       31.69956  (13012308)
       593527.59   4123439.92       31.42141  (14112008)                593567.59
 4123439.92       34.31751  (14112008)
       593607.59   4123439.92       39.40196  (14111207)                593647.59
 4123439.92       48.99481  (14112008)
       593687.59   4123439.92       86.84043  (17101908)                593727.59
 4123439.92       85.77857  (15021909)
       593767.59   4123439.92       61.72110  (15011008)                593807.59
 4123439.92       52.44219  (13011718)
       593847.59   4123439.92       44.65405  (16122918)                593887.59
 4123439.92       40.56730  (16122918)
       593927.59   4123439.92       35.93434  (15121507)                593967.59
 4123439.92       32.90545  (15121507)
       594007.59   4123439.92       30.14385  (13110507)                592567.59
 4123479.92       48.35304  (15112108)
       592607.59   4123479.92       55.14732  (15112108)                592647.59
 4123479.92       62.59400  (15112108)
       592687.59   4123479.92       71.48296  (15112108)                592727.59
 4123479.92       82.93978  (15112108)
       592767.59   4123479.92       98.84064  (15112108)                592807.59
 4123479.92      122.57622  (15112108)
       592847.59   4123479.92      167.56878  (15112108)                592887.59
 4123479.92      215.09932  (13042807)
       592927.59   4123479.92      230.20537  (13030208)                592967.59
 4123479.92      184.34410  (15012209)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
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```
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593007.59   4123479.92      196.65020  (16012817)                593047.59
 4123479.92      196.81416  (16012817)
        593087.59   4123479.92      141.44636  (16012817)                593127.59
 4123479.92       92.90773  (17112018)
        593167.59   4123479.92       73.72869  (16010307)                593207.59
 4123479.92       61.07188  (16010307)
        593247.59   4123479.92       52.24468  (15120217)                593287.59
 4123479.92       45.91014  (15120217)
        593327.59   4123479.92       41.03855  (15120217)                593367.59
 4123479.92       37.04931  (15120217)
        593407.59   4123479.92       33.80443  (15120217)                593447.59
 4123479.92       31.04851  (15120217)
        593487.59   4123479.92       28.89015  (15120217)                593527.59
 4123479.92       27.26547  (15120217)
        593567.59   4123479.92       29.49737  (14122008)                593607.59
 4123479.92       33.50092  (14112008)
        593647.59   4123479.92       40.00261  (16110907)                593687.59
 4123479.92       57.93717  (17101908)
        593727.59   4123479.92       59.64946  (13042807)                593767.59
 4123479.92       48.82616  (17111407)
        593807.59   4123479.92       44.78578  (15011008)                593847.59
 4123479.92       40.92513  (13011718)
        593887.59   4123479.92       36.33657  (17122217)                593927.59
 4123479.92       33.52253  (16122918)
        593967.59   4123479.92       31.16088  (16122918)                594007.59
 4123479.92       28.28209  (16122918)
        592567.59   4123519.92       53.61809  (17110807)                592607.59
 4123519.92       59.95905  (17110807)
        592647.59   4123519.92       67.50658  (17110807)                592687.59
 4123519.92       76.39000  (17110807)
        592727.59   4123519.92       87.27458  (17110807)                592767.59
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4123519.92   100.86881 (17110807)
       592807.59   4123519.92   119.17859 (14120908)   592847.59
4123519.92   144.25543 (14120607)
       592887.59   4123519.92   197.71116 (16050607)   592927.59
4123519.92   169.08767 (15021909)
       592967.59   4123519.92   135.36540 (16122218)   593007.59
4123519.92   126.67243 (14122008)
       593047.59   4123519.92   109.78579 (16111708)   593087.59
4123519.92   83.59687 (17101908)
       593127.59   4123519.92   70.50533 (16122918)   593167.59
4123519.92   60.72246 (15121507)
       593207.59   4123519.92   53.57154 (16111607)   593247.59
4123519.92   47.28227 (17112018)
       593287.59   4123519.92   42.17794 (17112018)   593327.59
4123519.92   37.98364 (16010307)
       593367.59   4123519.92   34.75348 (16010307)   593407.59
4123519.92   32.11263 (16010307)
       593447.59   4123519.92   29.89572 (15120217)   593487.59
4123519.92   28.06515 (15120217)
       593527.59   4123519.92   26.52136 (15120217)   593567.59
4123519.92   27.35618 (14112008)
       593607.59   4123519.92   30.82045 (14122108)   593647.59
4123519.92   36.18006 (16110907)
       593687.59   4123519.92   43.22032 (14120208)   593727.59
4123519.92   46.62921 (17111018)
       593767.59   4123519.92   39.07430 (15110918)   593807.59
4123519.92   36.84265 (17111407)
       593847.59   4123519.92   34.44863 (15011008)   593887.59
4123519.92   31.99345 (13011718)
       593927.59   4123519.92   30.01534 (13011718)   593967.59
4123519.92   27.56927 (17122217)
       594007.59   4123519.92   26.25842 (16122918)   592567.59
4123559.92   56.58521 (17110807)
       592607.59   4123559.92   61.75866 (17110807)   592647.59
4123559.92   67.42658 (17110807)
       592687.59   4123559.92   74.16638 (13121608)   592727.59
4123559.92   82.19873 (16110207)
       592767.59   4123559.92   93.77829 (14120607)   592807.59
4123559.92   105.65288 (14120607)
       592847.59   4123559.92   119.12604 (16110707)   592887.59
4123559.92   134.31629 (13112307)
       592927.59   4123559.92   202.80230 (13042807)   592967.59
4123559.92   176.96802 (16012817)
       593007.59   4123559.92   87.58608 (16012817)   593047.59
4123559.92   68.59724 (16111708)
       593087.59   4123559.92   57.62448 (15010518)   593127.59
4123559.92   52.92564 (13121908)
       593167.59   4123559.92   48.93261 (15121908)   593207.59
4123559.92   45.18044 (16122918)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	41.20093	(16122918)	593287.59	4123559.92	37.82957	(15121507)
593327.59	4123559.92	35.08954	(16111607)	593367.59	4123559.92	32.63363	(16111607)
593407.59	4123559.92	30.46953	(17112018)	593447.59	4123559.92	28.62546	(17112018)
593487.59	4123559.92	26.93736	(17112018)	593527.59	4123559.92	25.44454	(17112018)
593567.59	4123559.92	25.52412	(14112008)	593607.59	4123559.92	27.85954	(14122108)
593647.59	4123559.92	30.39762	(16110907)	593687.59	4123559.92	35.27538	(14120208)
593727.59	4123559.92	37.90537	(17111018)	593767.59	4123559.92	30.07863	(17120308)
593807.59	4123559.92	30.25842	(15110918)	593847.59	4123559.92	28.84255	(15122808)
593887.59	4123559.92	27.78847	(15011008)	593927.59	4123559.92	26.24965	(13011718)
593967.59	4123559.92	25.29036	(13011718)	594007.59	4123559.92	23.48118	(13122008)
592567.59	4123599.92	55.29136	(13121608)	592607.59	4123599.92	59.19646	(17122707)

592647.59 4123599.92 64.68762 (16110207) 592687.59
4123599.92 70.96039 (14120607)
592727.59 4123599.92 78.36719 (14120607) 592767.59
4123599.92 85.25579 (17120107)
592807.59 4123599.92 89.96370 (13110107) 592847.59
4123599.92 93.73111 (16111007)
592887.59 4123599.92 102.08589 (16111307) 592927.59
4123599.92 116.05286 (17123108)
592967.59 4123599.92 179.00093 (15021909) 593007.59
4123599.92 86.03306 (16012817)
593047.59 4123599.92 60.95234 (14013008) 593087.59
4123599.92 51.15083 (15010518)
593127.59 4123599.92 46.79788 (15010518) 593167.59
4123599.92 43.62822 (13121908)
593207.59 4123599.92 40.19196 (13122008) 593247.59
4123599.92 37.73494 (15121908)
593287.59 4123599.92 35.76714 (16122918) 593327.59
4123599.92 33.38822 (16122918)
593367.59 4123599.92 30.90172 (16122918) 593407.59
4123599.92 28.90977 (15121507)
593447.59 4123599.92 27.10444 (15121507) 593487.59
4123599.92 25.61116 (16111607)
593527.59 4123599.92 24.17626 (16111607) 593567.59
4123599.92 23.25616 (14122108)
593607.59 4123599.92 24.97889 (16110907) 593647.59
4123599.92 26.05303 (15010908)
593687.59 4123599.92 29.89609 (14120208) 593727.59
4123599.92 31.75452 (17111018)
593767.59 4123599.92 26.27000 (17111018) 593807.59
4123599.92 26.04078 (15110918)
593847.59 4123599.92 25.40595 (17111407) 593887.59
4123599.92 24.12405 (15122808)
593927.59 4123599.92 23.51696 (15011008) 593967.59
4123599.92 22.21875 (13011718)
594007.59 4123599.92 21.91062 (13011718) 593087.59
4123639.92 50.89619 (15011008)
593127.59 4123639.92 45.67013 (14013008) 593167.59
4123639.92 41.99616 (13011718)
593207.59 4123639.92 39.52509 (13011718) 593247.59
4123639.92 36.56152 (13011718)
593287.59 4123639.92 33.39238 (13122008) 593327.59
4123639.92 30.90563 (16122918)
593367.59 4123639.92 29.34732 (16122918) 593407.59
4123639.92 27.69946 (16122918)
593447.59 4123639.92 25.85200 (16122918) 593487.59
4123639.92 24.11086 (16122918)
593527.59 4123639.92 22.72415 (15121507) 593567.59
4123639.92 21.61785 (15121507)
593607.59 4123639.92 22.52048 (16110907) 593647.59
4123639.92 23.30911 (15010908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0006750   , L0006751
 , L0006752   , L0006753   , L0006754   ,
                 L0006755   , L0006756   , L0006757   , L0006758   , L0006759
 , L0006760   , L0006761   , L0006762   ,
                 L0006763   , L0006764   , L0006765   , L0006766   , L0006767
 , L0006768   , L0006769   , L0006686   ,
                 L0006687   , L0006688   , L0006689   , L0006690   , L0006691
 , L0006692   , L0006693   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       594007.59   4123639.92   19.36666 (13011718)   593087.59
 4123679.92   50.86357 (17010508)
       593127.59   4123679.92   44.47203 (15122808)   593167.59
 4123679.92   40.13472 (15011008)
       593207.59   4123679.92   36.30195 (14013008)   593247.59
 4123679.92   34.15821 (13011718)
       593287.59   4123679.92   31.91837 (13011718)   593327.59
 4123679.92   29.50533 (13011718)
       593367.59   4123679.92   27.32798 (13122008)   593407.59
 4123679.92   25.48365 (17122217)
       593447.59   4123679.92   24.29716 (16122918)   593487.59
 4123679.92   23.14948 (16122918)
       593527.59   4123679.92   21.98856 (16122918)   593567.59

4123679.92 20.72268 (16122918)
593607.59 4123679.92 20.20423 (16110907) 593647.59
4123679.92 21.19880 (15010908)
593687.59 4123679.92 22.89666 (14120208) 593727.59
4123679.92 23.91144 (17111018)
593767.59 4123679.92 22.64982 (17111018) 593807.59
4123679.92 18.92589 (17120308)
593847.59 4123679.92 19.83517 (15110918) 593887.59
4123679.92 19.35201 (17111407)
593927.59 4123679.92 18.70239 (17010508) 593967.59
4123679.92 18.27748 (15011008)
594007.59 4123679.92 18.00856 (15011008) 593087.59
4123719.92 45.78765 (15110918)
593127.59 4123719.92 40.97594 (17010508) 593167.59
4123719.92 36.96805 (15122808)
593207.59 4123719.92 33.93792 (15011008) 593247.59
4123719.92 31.45400 (15011008)
593287.59 4123719.92 29.00159 (13011718) 593327.59
4123719.92 27.84237 (13011718)
593367.59 4123719.92 26.33959 (13011718) 593407.59
4123719.92 24.47458 (13011718)
593447.59 4123719.92 22.93771 (13122008) 593487.59
4123719.92 21.57747 (17122217)
593527.59 4123719.92 20.45018 (16122918) 593567.59
4123719.92 19.76012 (16122918)
593607.59 4123719.92 18.91342 (16122918) 593647.59
4123719.92 19.40068 (15010908)
593687.59 4123719.92 20.58081 (14120208) 593727.59
4123719.92 21.23413 (17111018)
593767.59 4123719.92 20.78858 (17111018) 593807.59
4123719.92 17.11948 (16011108)
593847.59 4123719.92 17.56662 (15110918) 593887.59
4123719.92 17.39007 (15110918)
593927.59 4123719.92 17.31647 (17111407) 593967.59
4123719.92 16.71112 (15122808)
594007.59 4123719.92 16.46581 (15011008) 593087.59
4123759.92 41.26650 (15110918)
593127.59 4123759.92 37.23701 (17111407) 593167.59
4123759.92 34.31934 (17111407)
593207.59 4123759.92 31.15137 (15122808) 593247.59
4123759.92 29.14855 (15011008)
593287.59 4123759.92 27.66910 (15011008) 593327.59
4123759.92 25.72990 (14013008)
593367.59 4123759.92 24.34987 (13011718) 593407.59
4123759.92 23.49289 (13011718)
593447.59 4123759.92 22.20660 (13011718) 593487.59
4123759.92 20.81952 (13011718)
593527.59 4123759.92 19.62658 (13122008) 593567.59
4123759.92 18.63492 (17122217)
593607.59 4123759.92 17.63805 (15121908) 593647.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	22.94610	(15011008)	593407.59	4123799.92	21.57893	(14013008)
593447.59	4123799.92	20.94594	(13011718)	593487.59	4123799.92	20.15405	(13011718)

593527.59 4123799.92 19.15442 (13011718) 593567.59
4123799.92 17.98451 (13011718)
593607.59 4123799.92 17.14123 (13122008) 593647.59
4123799.92 16.50961 (15010908)
593687.59 4123799.92 17.11251 (14120208) 593727.59
4123799.92 17.50853 (17111018)
593767.59 4123799.92 17.60234 (17111018) 593807.59
4123799.92 15.48513 (17111018)
593847.59 4123799.92 14.08376 (15110918) 593887.59
4123799.92 14.71295 (15110918)
593927.59 4123799.92 14.53204 (15110918) 593967.59
4123799.92 14.46364 (17111407)
594007.59 4123799.92 14.03138 (17010508) 593087.59
4123839.92 30.66125 (16011108)
593127.59 4123839.92 29.52338 (17120308) 593167.59
4123839.92 28.85736 (15110918)
593207.59 4123839.92 26.91491 (17111407) 593247.59
4123839.92 25.56957 (17111407)
593287.59 4123839.92 23.83290 (15122808) 593327.59
4123839.92 22.86460 (15122808)
593367.59 4123839.92 21.88415 (15011008) 593407.59
4123839.92 20.79646 (15011008)
593447.59 4123839.92 19.64944 (14013008) 593487.59
4123839.92 18.66663 (13011718)
593527.59 4123839.92 18.26326 (13011718) 593567.59
4123839.92 17.55746 (13011718)
593607.59 4123839.92 16.73719 (13011718) 593647.59
4123839.92 15.80561 (13011718)
593687.59 4123839.92 15.82904 (14120208) 593727.59
4123839.92 16.11108 (17111018)
593767.59 4123839.92 16.34638 (17111018) 593807.59
4123839.92 14.92343 (17111018)
593847.59 4123839.92 12.96248 (16011108) 593887.59
4123839.92 13.42647 (15110918)
593927.59 4123839.92 13.56777 (15110918) 593967.59
4123839.92 13.32083 (17111407)
594007.59 4123839.92 13.28347 (17111407) 593087.59
4123879.92 29.57800 (17111018)
593127.59 4123879.92 25.72016 (16011108) 593167.59
4123879.92 26.10430 (15110918)
593207.59 4123879.92 25.21402 (15110918) 593247.59
4123879.92 23.85157 (17111407)
593287.59 4123879.92 22.73790 (17111407) 593327.59
4123879.92 21.31305 (17010508)
593367.59 4123879.92 20.58611 (15122808) 593407.59
4123879.92 19.66151 (15011008)
593447.59 4123879.92 18.91288 (15011008) 593487.59
4123879.92 17.89265 (14013008)
593527.59 4123879.92 16.96884 (14013008) 593567.59
4123879.92 16.50944 (13011718)

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4122799.92       39.11409  (15021808)
       593207.59   4122799.92       32.57481  (15021808)                593247.59
4122799.92       33.98830  (13010117)
       593287.59   4122799.92       39.04198  (17121217)                593327.59
4122799.92       43.29752  (17121217)
       593367.59   4122799.92       42.31220  (17121217)                593407.59
4122799.92       41.12924  (13012218)
       593447.59   4122799.92       53.94485  (17122518)                593487.59
4122799.92       64.96539  (17122518)
       593527.59   4122799.92       65.71177  (16122217)                593567.59
4122799.92       63.80577  (13121317)
       593607.59   4122799.92       61.95596  (13122018)                593647.59
4122799.92       61.19745  (17121318)
       593687.59   4122799.92       58.61544  (17121318)                593727.59
4122799.92       56.40671  (16120518)
       593767.59   4122799.92       54.72111  (16120518)                593807.59
4122799.92       47.91031  (13122617)
       593847.59   4122799.92       49.28768  (14122618)                593887.59
4122799.92       46.88012  (14122618)
       593927.59   4122799.92       47.09223  (14010218)                593967.59
4122799.92       45.71001  (16011518)
       594007.59   4122799.92       43.09000  (16011518)                592567.59
4122839.92       40.20374  (17120508)
       592607.59   4122839.92       38.37600  (14110707)                592647.59
4122839.92       36.78427  (14110707)
       592687.59   4122839.92       34.13421  (15013007)                592727.59
4122839.92       41.35083  (15013007)
       592767.59   4122839.92       46.27068  (15013007)                592807.59
4122839.92       49.85216  (15013007)
       592847.59   4122839.92       49.97268  (15013007)                592887.59
4122839.92       51.49605  (13010808)
       592927.59   4122839.92       53.73321  (13010808)                592967.59
4122839.92       51.54473  (15020708)
       593007.59   4122839.92       48.00160  (15020708)                593047.59
4122839.92       34.46332  (15020708)
       593087.59   4122839.92       37.46773  (13012409)                593127.59
4122839.92       38.49160  (15021808)
       593167.59   4122839.92       37.10752  (15021808)                593207.59
4122839.92       36.54037  (15021808)
       593247.59   4122839.92       36.98466  (13010117)                593287.59
4122839.92       41.68534  (17121217)
       593327.59   4122839.92       47.10205  (17121217)                593367.59
4122839.92       46.36889  (17121217)
       593407.59   4122839.92       45.26707  (13012218)                593447.59
4122839.92       60.94162  (17122518)
       593487.59   4122839.92       71.87238  (17122518)                593527.59
4122839.92       71.69037  (16122217)
       593567.59   4122839.92       67.91327  (17122517)                593607.59
4122839.92       66.64308  (13122018)
       593647.59   4122839.92       66.67550  (17121318)                593687.59
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592807.59	4122879.92	50.25614	(15013007)	592847.59	4122879.92	53.04983	(15013007)
592887.59	4122879.92	51.90406	(15013007)	592927.59	4122879.92	55.03470	(13010808)
592967.59	4122879.92	56.62426	(13010808)	593007.59	4122879.92	53.73848	(15020708)
593047.59	4122879.92	40.85184	(15020708)	593087.59	4122879.92	35.43918	(15020708)
593127.59	4122879.92	39.23313	(15021808)	593167.59	4122879.92	39.91279	(15021808)
593207.59	4122879.92	40.84644	(15021808)	593247.59	4122879.92	40.20401	(13010117)

593287.59 4122879.92 44.54782 (17121217) 593327.59
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593367.59 4122879.92 51.11418 (17121217) 593407.59
4122879.92 50.11105 (13012218)
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 238
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                   INCLUDING SOURCE(S):     L0006774    , L0006775
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593047.59   4122959.92       55.62067  (13010808)                593087.59
 4122959.92       51.22539  (15020708)
       593127.59   4122959.92       36.13758  (15020708)                593167.59
 4122959.92       44.36433  (15021808)
       593207.59   4122959.92       50.20804  (15021808)                593247.59
 4122959.92       49.24947  (15021808)
       593287.59   4122959.92       50.91790  (17121217)                593327.59
 4122959.92       62.38043  (17121217)
       593367.59   4122959.92       63.42617  (17121217)                593407.59
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4122959.92       68.74488  (16110918)
       593847.59   4122959.92       64.76594  (16011518)                593887.59
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       593927.59   4122959.92       58.56405  (15012618)                593967.59
4122959.92       54.47108  (15012618)
       594007.59   4122959.92       51.93278  (15120818)                592567.59
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       592607.59   4122999.92       46.23179  (14110207)                592647.59
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       592847.59   4122999.92       47.84011  (17120508)                592887.59
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       592927.59   4122999.92       61.23105  (15013007)                592967.59
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4122999.92       45.51274  (13010808)
       593167.59   4122999.92       45.36148  (15021808)                593207.59
4122999.92       54.81165  (15021808)
       593247.59   4122999.92       56.74787  (15021808)                593287.59
4122999.92       57.03515  (13010117)
       593327.59   4122999.92       69.23715  (17121217)                593367.59
4122999.92       71.58647  (17121217)
       593407.59   4122999.92       75.61809  (17122518)                593447.59
4122999.92      104.78128  (17122518)
       593487.59   4122999.92      108.73983  (16122217)                593527.59
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4122999.92   52.76555 (15011007)
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       592887.59   4123039.92   54.66738 (17120508)   592927.59
4123039.92   57.15758 (15013007)
       592967.59   4123039.92   66.86560 (15013007)   593007.59
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       593047.59   4123039.92   56.27464 (13010808)   593087.59
4123039.92   72.14999 (13010808)
       593127.59   4123039.92   57.36006 (13010808)   593167.59
4123039.92   48.31339 (15021717)
       593207.59   4123039.92   58.84054 (15021808)   593247.59
4123039.92   65.07368 (15021808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE   ***
INCLUDING SOURCE(S):   L0006774   , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
       593287.59   4123039.92   64.35230 (13010117)   593327.59
4123039.92   77.32157 (17121217)
       593367.59   4123039.92   81.64495 (17121217)   593407.59
4123039.92   89.82691 (17122518)
       593447.59   4123039.92   121.78087 (17122518)   593487.59
4123039.92   123.06672 (13121317)

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594007.59 4123039.92 55.63582 (17120717) 592567.59 4123079.92 30.20429 (14122708)
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 240
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                  INCLUDING SOURCE(S):     L0006774    , L0006775
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4123199.92 106.50303 (13010808)
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4123199.92 147.10973 (15012618)
593687.59 4123199.92 133.98114 (15012618) 593727.59
4123199.92 118.36898 (14010808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -

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592647.59 4123279.92 34.95998 (17011308) 592687.59
4123279.92 37.63470 (17011308)
592727.59 4123279.92 40.36126 (17011308) 592767.59
4123279.92 43.01343 (17011308)

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       592887.59   4123279.92       80.68249  (14122708)                592927.59
 4123279.92       59.85960  (16122107)
       592967.59   4123279.92       66.11569  (14122708)                593007.59
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       593047.59   4123279.92       84.14977  (15013008)                593087.59
 4123279.92      104.33597  (15013008)
       593127.59   4123279.92      121.10880  (15013008)                593167.59
 4123279.92      131.34080  (17120508)
       593207.59   4123279.92      141.51489  (17111108)                593247.59
 4123279.92      193.78853  (13010808)
       593287.59   4123279.92      232.69221  (15021717)                593327.59
 4123279.92      219.99439  (15021808)
       593367.59   4123279.92      270.48200  (17121217)                593407.59
 4123279.92      376.51276  (17122518)
       593447.59   4123279.92      364.77229  (13122018)                593487.59
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       593527.59   4123279.92      286.62886  (14010218)                593567.59
 4123279.92      245.35922  (15012618)
       593607.59   4123279.92      212.39162  (15120818)                593647.59
 4123279.92      179.22509  (17120717)
       593687.59   4123279.92      158.00931  (14112618)                593727.59
 4123279.92      141.28961  (13111118)
       593767.59   4123279.92      121.86064  (13111118)                593807.59
 4123279.92      107.81507  (17121418)
       593847.59   4123279.92       96.63464  (15010717)                593887.59
 4123279.92       87.46715  (17121518)
       593927.59   4123279.92       79.67048  (17120307)                593967.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                   INCLUDING SOURCE(S):     L0006774    , L0006775
 ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
- -
- -
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592607.59   4123319.92   34.62660 (15120907)   592647.59
4123319.92   37.12000 (15120907)
592687.59   4123319.92   39.78656 (15120907)   592727.59
4123319.92   42.61933 (15120907)
592767.59   4123319.92   45.55945 (15120907)   592807.59
4123319.92   49.03316 (17011308)
592847.59   4123319.92   53.88885 (17011308)   592887.59
4123319.92   67.78759 (17011308)
592927.59   4123319.92   64.36016 (17011308)   592967.59
4123319.92   71.52160 (16122107)
593007.59   4123319.92   80.95968 (16122107)   593047.59
4123319.92   90.47553 (14122708)
593087.59   4123319.92   102.29751 (14122708)   593127.59
4123319.92   125.86655 (15013008)
593167.59   4123319.92   160.64145 (15013008)   593207.59
4123319.92   185.65460 (17120508)
593247.59   4123319.92   205.85721 (13010808)   593287.59
4123319.92   294.53552 (15021717)
593327.59   4123319.92   326.55044 (15021717)   593367.59
4123319.92   377.00150 (17121217)
593407.59   4123319.92   511.44279 (17122518)   593447.59
4123319.92   486.68243 (17121318)
593487.59   4123319.92   410.08089 (14122618)   593527.59
4123319.92   346.52506 (15012618)
593567.59   4123319.92   281.87951 (15120818)   593607.59
4123319.92   231.46438 (14112618)
593647.59   4123319.92   201.21850 (13111118)   593687.59
4123319.92   166.62953 (13111118)
593727.59   4123319.92   144.88627 (16121107)   593767.59
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593807.59   4123319.92   112.62440 (17120307)   593847.59
4123319.92   101.82223 (17011118)
593887.59   4123319.92   91.28881 (17011118)   593927.59
4123319.92   81.82674 (15011108)
593967.59   4123319.92   74.30620 (15011108)   594007.59
4123319.92   68.50860 (16122018)
592567.59   4123359.92   30.81344 (15120907)   592607.59
4123359.92   33.47352 (15120907)
592647.59   4123359.92   36.45035 (15120907)   592687.59
4123359.92   39.78984 (15120907)
592727.59   4123359.92   43.54758 (15120907)   592767.59
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592807.59   4123359.92   52.43900 (15120907)   592847.59
4123359.92   57.68198 (15120907)
592887.59   4123359.92   63.64892 (15120907)   592927.59

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       592967.59   4123359.92       77.79426  (15120907)                593007.59
 4123359.92       88.54798  (17011308)
       593047.59   4123359.92      100.88028  (17011308)                593087.59
 4123359.92      115.87429  (16122107)
       593127.59   4123359.92      137.77380  (16122107)                593167.59
 4123359.92      162.35749  (14122708)
       593207.59   4123359.92      215.99177  (15013008)                593247.59
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       593287.59   4123359.92      342.15375  (13010808)                593327.59
 4123359.92      637.38866  (15021717)
       593367.59   4123359.92      581.45061  (14090708)                593407.59
 4123359.92      766.28037  (16122217)
       593447.59   4123359.92      677.97314  (16010816)                593487.59
 4123359.92      520.55355  (15012618)
       593527.59   4123359.92      405.32589  (17120717)                593567.59
 4123359.92      330.17764  (13042707)
       593607.59   4123359.92      256.91001  (17121418)                593647.59
 4123359.92      210.17317  (15010717)
       593687.59   4123359.92      177.66781  (17120307)                593727.59
 4123359.92      154.54645  (17011118)
       593767.59   4123359.92      132.39714  (15011108)                593807.59
 4123359.92      115.50795  (15011108)
       593847.59   4123359.92      103.51763  (16122018)                593887.59
 4123359.92       93.28156  (16122018)
       593927.59   4123359.92       83.96948  (17120118)                593967.59
 4123359.92       76.69093  (17120118)
       594007.59   4123359.92       69.97949  (17120118)                592567.59
 4123399.92       31.45104  (17112207)
       592607.59   4123399.92       33.71968  (17112207)                592647.59
 4123399.92       36.26032  (17112207)
       592687.59   4123399.92       39.11907  (17112207)                592727.59
 4123399.92       42.36841  (17112207)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 243
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                   INCLUDING SOURCE(S):     L0006774    , L0006775
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	46.05954	(17112207)	592807.59	4123399.92	50.26114	(17112207)
592847.59	4123399.92	55.02479	(17112207)	592887.59	4123399.92	62.16689	(15120907)
592927.59	4123399.92	70.99112	(15120907)	592967.59	4123399.92	81.74610	(15120907)
593007.59	4123399.92	94.87513	(15120907)	593047.59	4123399.92	111.09431	(15120907)
593087.59	4123399.92	131.45119	(15120907)	593127.59	4123399.92	156.62639	(15120907)
593167.59	4123399.92	191.75878	(17011308)	593207.59	4123399.92	241.37673	(16122107)
593247.59	4123399.92	320.70923	(16122107)	593287.59	4123399.92	498.48810	(15013008)
593327.59	4123399.92	730.67868	(15100708)	593367.59	4123399.92	1201.77547	(15021717)
593407.59	4123399.92	1628.00816	(15051007)	593447.59	4123399.92	1267.84495	(13042607)
593487.59	4123399.92	887.31807	(13042707)	593527.59	4123399.92	541.52959	(13042707)
593567.59	4123399.92	358.19990	(17011118)	593607.59	4123399.92	279.54099	(17011118)
593647.59	4123399.92	224.22226	(16122018)	593687.59	4123399.92	187.92221	(16122018)
593727.59	4123399.92	159.41928	(17120118)	593767.59	4123399.92	137.06593	(17120118)
593807.59	4123399.92	118.25656	(17120118)	593847.59	4123399.92	102.75549	(17120118)
593887.59	4123399.92	89.65850	(17120118)	593927.59	4123399.92	78.66005	(17120118)
593967.59	4123399.92	69.60029	(17120118)	594007.59	4123399.92	62.14881	(17120118)
592567.59	4123439.92	31.62382	(17111107)	592607.59	4123439.92	33.89679	(17111107)
592647.59	4123439.92	36.46568	(17111107)	592687.59	4123439.92	39.38367	(17111107)
592727.59	4123439.92	42.73077	(17111107)	592767.59	4123439.92	46.58507	(17111107)
592807.59	4123439.92	51.06771	(17111107)	592847.59	4123439.92	56.30910	(13111607)
592887.59	4123439.92	62.74478	(13111607)	592927.59	4123439.92	70.70617	(13111607)
592967.59	4123439.92	80.51044	(13111607)	593007.59	4123439.92	92.79286	(13111607)

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       593047.59   4123439.92      108.60934  (13111607)               593087.59
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       593127.59   4123439.92      158.20128  (17112207)               593167.59
 4123439.92      200.21215  (17112207)
       593207.59   4123439.92      265.92631  (15120907)               593247.59
 4123439.92      387.30172  (15120907)
       593287.59   4123439.92      618.62182  (15120907)               593327.59
 4123439.92     1223.38044  (15051907)
       593367.59   4123439.92     4237.26208  (14122015)               593407.59
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       593527.59   4123439.92      515.75895  (17120118)               593567.59
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       593607.59   4123439.92      264.44488  (17120118)               593647.59
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       593687.59   4123439.92      160.10911  (17120118)               593727.59
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       593767.59   4123439.92      107.58400  (17120118)               593807.59
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       593847.59   4123439.92       78.28963  (17120118)               593887.59
 4123439.92       68.38141  (17120118)
       593927.59   4123439.92       60.38807  (17120118)               593967.59
 4123439.92       54.25061  (15110207)
       594007.59   4123439.92       49.70467  (15110207)               592567.59
 4123479.92       32.54063  (17111107)
       592607.59   4123479.92       34.87922  (17111107)               592647.59
 4123479.92       37.53260  (17111107)
       592687.59   4123479.92       40.54831  (17111107)               592727.59
 4123479.92       44.00054  (17111107)
       592767.59   4123479.92       47.98244  (17111107)               592807.59
 4123479.92       52.62156  (17111107)
       592847.59   4123479.92       58.03409  (17111107)               592887.59
 4123479.92       64.57497  (15121107)
       592927.59   4123479.92       72.62661  (15121107)               592967.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 244
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                  INCLUDING SOURCE(S):     L0006774    , L0006775
 ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	94.95242	(15121107)	593047.59	4123479.92	110.88675	(15121107)
593087.59	4123479.92	131.86110	(15121107)	593127.59	4123479.92	160.39654	(15121107)
593167.59	4123479.92	202.31514	(14113007)	593207.59	4123479.92	269.04420	(14113007)
593247.59	4123479.92	400.59016	(15112108)	593287.59	4123479.92	741.27370	(15112108)
593327.59	4123479.92	1892.23039	(13010916)	593367.59	4123479.92	4812.66330	(16050607)
593407.59	4123479.92	3165.65649	(16012817)	593447.59	4123479.92	1322.78210	(16012817)
593487.59	4123479.92	519.49533	(13110507)	593527.59	4123479.92	338.74156	(16010307)
593567.59	4123479.92	244.73910	(16120717)	593607.59	4123479.92	187.81996	(16120717)
593647.59	4123479.92	151.71553	(17120507)	593687.59	4123479.92	127.19561	(17120507)
593727.59	4123479.92	108.82941	(17120507)	593767.59	4123479.92	94.99177	(17120507)
593807.59	4123479.92	84.04548	(17120507)	593847.59	4123479.92	74.57680	(17120507)
593887.59	4123479.92	66.55669	(17120507)	593927.59	4123479.92	59.88774	(17120507)
593967.59	4123479.92	54.19491	(17120507)	594007.59	4123479.92	49.46525	(17120507)
592567.59	4123519.92	31.93786	(15121107)	592607.59	4123519.92	34.15277	(13012808)
592647.59	4123519.92	36.69365	(16010508)	592687.59	4123519.92	39.65419	(16010508)
592727.59	4123519.92	43.00987	(16010508)	592767.59	4123519.92	46.83206	(16010508)
592807.59	4123519.92	51.48843	(14113007)	592847.59	4123519.92	57.01571	(14113007)
592887.59	4123519.92	63.41037	(14113007)	592927.59	4123519.92	71.31985	(14011307)
592967.59	4123519.92	80.84116	(14011307)	593007.59	4123519.92	92.31110	(14011307)
593047.59	4123519.92	107.26302	(17012608)	593087.59	4123519.92	142.51728	(15112108)
593127.59	4123519.92	191.83031	(15112108)	593167.59			

4123519.92   259.42173 (17110807)
       593207.59   4123519.92   351.13459 (17110807)   593247.59
4123519.92   464.16151 (15082007)
       593287.59   4123519.92   752.96668 (15082007)   593327.59
4123519.92   1005.55264 (16050607)
       593367.59   4123519.92   1275.07594 (17020917)   593407.59
4123519.92   1557.55957 (13042807)
       593447.59   4123519.92   706.85973 (16012816)   593487.59
4123519.92   522.46197 (16012817)
       593527.59   4123519.92   339.80706 (16040818)   593567.59
4123519.92   238.37130 (16040818)
       593607.59   4123519.92   187.51809 (16111607)   593647.59
4123519.92   156.76470 (13110507)
       593687.59   4123519.92   131.56216 (13110507)   593727.59
4123519.92   110.50196 (16010307)
       593767.59   4123519.92   94.34642 (16010307)   593807.59
4123519.92   81.11988 (16120717)
       593847.59   4123519.92   72.21838 (16120717)   593887.59
4123519.92   64.32514 (16120717)
       593927.59   4123519.92   57.93743 (16120717)   593967.59
4123519.92   52.20688 (16120717)
       594007.59   4123519.92   47.47356 (16120717)   592567.59
4123559.92   31.66911 (14113007)
       592607.59   4123559.92   34.01793 (14011307)   592647.59
4123559.92   36.63671 (14011307)
       592687.59   4123559.92   39.52817 (14011307)   592727.59
4123559.92   42.72840 (14011307)
       592767.59   4123559.92   46.26691 (14011307)   592807.59
4123559.92   50.68666 (17012608)
       592847.59   4123559.92   55.68031 (17012608)   592887.59
4123559.92   63.10410 (15112108)
       592927.59   4123559.92   77.00329 (15112108)   592967.59
4123559.92   93.62642 (15112108)
       593007.59   4123559.92   113.33962 (15112108)   593047.59
4123559.92   137.18207 (17110807)
       593087.59   4123559.92   166.44853 (17110807)   593127.59
4123559.92   196.21405 (13121608)
       593167.59   4123559.92   236.25903 (16110207)   593207.59
4123559.92   299.97190 (15082007)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE   ***
                                 INCLUDING SOURCE(S):   L0006774   , L0006775

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	367.98846	(13110107)	593287.59	4123559.92	467.34201	(16111307)
593327.59	4123559.92	595.55431	(16111507)	593367.59	4123559.92	682.46329	(16110907)
593407.59	4123559.92	987.26397	(13042807)	593447.59	4123559.92	521.46778	(16080407)
593487.59	4123559.92	352.19209	(15122808)	593527.59	4123559.92	278.61782	(13011718)
593567.59	4123559.92	221.86579	(15012218)	593607.59	4123559.92	181.31360	(16122918)
593647.59	4123559.92	149.27847	(16122918)	593687.59	4123559.92	124.19089	(15121507)
593727.59	4123559.92	105.52976	(15121507)	593767.59	4123559.92	90.69222	(16111607)
593807.59	4123559.92	80.62684	(13110507)	593847.59	4123559.92	72.35178	(13110507)
593887.59	4123559.92	64.52972	(13110507)	593927.59	4123559.92	57.86743	(13110507)
593967.59	4123559.92	52.18775	(16010307)	594007.59	4123559.92	47.32672	(16010307)
592567.59	4123599.92	31.19069	(17012608)	592607.59	4123599.92	33.37312	(17012608)
592647.59	4123599.92	35.70676	(17012608)	592687.59	4123599.92	38.42169	(14012408)
592727.59	4123599.92	42.71507	(15112108)	592767.59	4123599.92	50.23606	(15112108)
592807.59	4123599.92	58.65401	(15112108)	592847.59	4123599.92	67.83154	(15112108)
592887.59	4123599.92	77.66393	(15112108)	592927.59	4123599.92	88.46948	(17110807)
592967.59	4123599.92	101.73218	(17110807)	593007.59	4123599.92	115.24255	(17110807)
593047.59	4123599.92	130.37481	(14120908)	593087.59	4123599.92	151.12103	(16110207)
593127.59	4123599.92	180.37548	(14120607)	593167.59	4123599.92	210.97048	(17120107)
593207.59	4123599.92	254.96160	(15120908)	593247.59	4123599.92	307.94316	(16111307)

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       593287.59   4123599.92      376.87917  (16121307)                593327.59
 4123599.92      441.43040  (14120707)
       593367.59   4123599.92      472.08942  (16110907)                593407.59
 4123599.92      645.65138  (17101908)
       593447.59   4123599.92      330.63360  (16011108)                593487.59
 4123599.92      282.53560  (17111407)
       593527.59   4123599.92      231.68855  (15122808)                593567.59
 4123599.92      188.88102  (14013008)
       593607.59   4123599.92      163.61718  (13011718)                593647.59
 4123599.92      136.78897  (15012218)
       593687.59   4123599.92      117.70301  (16122918)                593727.59
 4123599.92      103.11177  (16122918)
       593767.59   4123599.92       88.53080  (13122518)                593807.59
 4123599.92       77.79408  (15121507)
       593847.59   4123599.92       69.11846  (15121507)                593887.59
 4123599.92       61.41861  (16111607)
       593927.59   4123599.92       55.27648  (16111607)                593967.59
 4123599.92       51.11168  (13110507)
       594007.59   4123599.92       47.45776  (13110507)                593087.59
 4123639.92      144.02313  (17120107)
       593127.59   4123639.92      170.09903  (13110107)                593167.59
 4123639.92      201.68693  (15120908)
       593207.59   4123639.92      230.15353  (15011107)                593247.59
 4123639.92      269.34666  (14120108)
       593287.59   4123639.92      312.70096  (16111507)                593327.59
 4123639.92      345.41304  (14120418)
       593367.59   4123639.92      334.31571  (16110907)                593407.59
 4123639.92      440.95468  (17101908)
       593447.59   4123639.92      306.15498  (17111018)                593487.59
 4123639.92      221.43842  (17120308)
       593527.59   4123639.92      196.71987  (17111407)                593567.59
 4123639.92      165.37959  (15122808)
       593607.59   4123639.92      142.34171  (15011008)                593647.59
 4123639.92      124.51859  (13011718)
       593687.59   4123639.92      108.97939  (15120218)                593727.59
 4123639.92       95.13584  (15012218)
       593767.59   4123639.92       83.82616  (16122918)                593807.59
 4123639.92       76.25198  (16122918)
       593847.59   4123639.92       67.76389  (16122918)                593887.59
 4123639.92       60.29354  (13122518)
       593927.59   4123639.92       54.77638  (15121507)                593967.59
 4123639.92       49.87364  (15121507)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***        08:18:36

                                    PAGE 246
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123639.92	45.42388	(16111607)	593087.59	4123679.92	140.42544	(13110107)
593127.59	4123679.92	160.09544	(15120908)	593167.59	4123679.92	177.50457	(16111007)
593207.59	4123679.92	199.80611	(13121308)	593247.59	4123679.92	224.74589	(16111507)
593287.59	4123679.92	247.44173	(14120707)	593327.59	4123679.92	264.03468	(14121218)
593367.59	4123679.92	255.44318	(13111207)	593407.59	4123679.92	312.01014	(17101908)
593447.59	4123679.92	260.77380	(17111018)	593487.59	4123679.92	174.01035	(16011108)
593527.59	4123679.92	163.93616	(15110918)	593567.59	4123679.92	145.48449	(17111407)
593607.59	4123679.92	125.91551	(15122808)	593647.59	4123679.92	112.09158	(15011008)
593687.59	4123679.92	97.23077	(13011718)	593727.59	4123679.92	90.08609	(13011718)
593767.59	4123679.92	78.72466	(15120218)	593807.59	4123679.92	70.99239	(15012218)
593847.59	4123679.92	63.46912	(16122918)	593887.59	4123679.92	58.95186	(16122918)
593927.59	4123679.92	54.02895	(16122918)	593967.59	4123679.92	48.46829	(13122518)
594007.59	4123679.92	44.85232	(13122518)	593087.59	4123719.92	129.48837	(16111007)
593127.59	4123719.92	140.87220	(16111007)	593167.59	4123719.92	154.89497	(13111107)
593207.59	4123719.92	175.61618	(16121307)	593247.59	4123719.92	192.54870	(16111507)
593287.59	4123719.92	203.44595	(14120707)	593327.59	4123719.92	206.54357	(14121218)
593367.59	4123719.92	204.06552	(13111207)	593407.59	4123719.92	229.52020	(17101908)
593447.59	4123719.92	213.87301	(17111018)	593487.59			

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 4123719.92      158.07209  (17111018)
       593527.59   4123719.92      133.42303  (17120308)                593567.59
 4123719.92      124.11945  (15110918)
       593607.59   4123719.92      112.87832  (17111407)                593647.59
 4123719.92      100.40147  (15122808)
       593687.59   4123719.92       91.21640  (15011008)                593727.59
 4123719.92       78.93371  (14013008)
       593767.59   4123719.92       74.74409  (13011718)                593807.59
 4123719.92       67.64472  (13011718)
       593847.59   4123719.92       60.27705  (15012218)                593887.59
 4123719.92       55.41627  (15012218)
       593927.59   4123719.92       50.08888  (16122918)                593967.59
 4123719.92       47.60607  (16122918)
       594007.59   4123719.92       44.40410  (16122918)                593087.59
 4123759.92      115.50505  (16111007)
       593127.59   4123759.92      124.69567  (13111107)                593167.59
 4123759.92      140.21464  (14121407)
       593207.59   4123759.92      152.24062  (16111507)                593247.59
 4123759.92      158.55348  (14120707)
       593287.59   4123759.92      173.89843  (14120418)                593327.59
 4123759.92      170.70328  (16110907)
       593367.59   4123759.92      166.76093  (13111207)                593407.59
 4123759.92      179.84454  (14120208)
       593447.59   4123759.92      173.79428  (17111018)                593487.59
 4123759.92      152.20579  (17111018)
       593527.59   4123759.92      110.65582  (16011108)                593567.59
 4123759.92      108.54100  (15110918)
       593607.59   4123759.92       98.66533  (17111407)                593647.59
 4123759.92       90.71405  (17111407)
       593687.59   4123759.92       82.42275  (15122808)                593727.59
 4123759.92       75.71992  (15011008)
       593767.59   4123759.92       67.08814  (14013008)                593807.59
 4123759.92       62.05214  (13011718)
       593847.59   4123759.92       58.52328  (13011718)                593887.59
 4123759.92       53.26250  (15120218)
       593927.59   4123759.92       48.71889  (15012218)                593967.59
 4123759.92       45.19284  (15012218)
       594007.59   4123759.92       41.02596  (15012218)                593087.59
 4123799.92      103.34775  (15011107)
       593127.59   4123799.92      114.26900  (14120108)                593167.59
 4123799.92      123.22864  (16121307)
       593207.59   4123799.92      132.97767  (16111507)                593247.59
 4123799.92      140.77492  (14120707)
       593287.59   4123799.92      147.63470  (14120418)                593327.59
 4123799.92      146.31354  (16110907)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0006774 , L0006775 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	140.19537	(13111207)	593407.59	4123799.92	151.66284	(15010908)
593447.59	4123799.92	146.03078	(14013007)	593487.59	4123799.92	139.74049	(17111018)
593527.59	4123799.92	101.85655	(16011108)	593567.59	4123799.92	91.60681	(17120308)
593607.59	4123799.92	89.77298	(15110918)	593647.59	4123799.92	82.59196	(17111407)
593687.59	4123799.92	74.61178	(17111407)	593727.59	4123799.92	69.39255	(15122808)
593767.59	4123799.92	64.02076	(15011008)	593807.59	4123799.92	57.87606	(15011008)
593847.59	4123799.92	52.26677	(13011718)	593887.59	4123799.92	51.08853	(13011718)
593927.59	4123799.92	47.51027	(13011718)	593967.59	4123799.92	43.18464	(15120218)
594007.59	4123799.92	40.49323	(15012218)	593087.59	4123839.92	96.10119	(13121308)
593127.59	4123839.92	104.86477	(16121307)	593167.59	4123839.92	112.58534	(16111507)
593207.59	4123839.92	112.63205	(14120707)	593247.59	4123839.92	121.96203	(14120808)
593287.59	4123839.92	125.93643	(14121218)	593327.59	4123839.92	125.92877	(16110907)
593367.59	4123839.92	120.33169	(13111207)	593407.59	4123839.92	130.15298	(15010908)
593447.59	4123839.92	126.25096	(14013007)	593487.59	4123839.92	125.26780	(17111018)
593527.59	4123839.92	96.33186	(17111018)	593567.59	4123839.92	78.09541	(16011108)
593607.59	4123839.92	78.61857	(17120308)	593647.59	4123839.92	74.09159	(15110918)

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       593687.59   4123839.92       70.05098  (17111407)                593727.59
 4123839.92       63.19712  (17010508)
       593767.59   4123839.92       59.16601  (15122808)                593807.59
 4123839.92       55.29827  (15011008)
       593847.59   4123839.92       51.05582  (15011008)                593887.59
 4123839.92       45.90369  (14013008)
       593927.59   4123839.92       44.24481  (13011718)                593967.59
 4123839.92       42.26081  (13011718)
       594007.59   4123839.92       39.24235  (15120218)                593087.59
 4123879.92       89.28648  (14121407)
       593127.59   4123879.92       92.89820  (16111507)                593167.59
 4123879.92       99.40207  (16111507)
       593207.59   4123879.92      104.47629  (14120707)                593247.59
 4123879.92      109.40006  (14120418)
       593287.59   4123879.92      108.16295  (14121218)                593327.59
 4123879.92      108.68708  (16110907)
       593367.59   4123879.92      104.75959  (13022107)                593407.59
 4123879.92      113.34470  (15010908)
       593447.59   4123879.92      109.25258  (14120208)                593487.59
 4123879.92      110.82945  (17111018)
       593527.59   4123879.92       94.19363  (17111018)                593567.59
 4123879.92       74.16404  (16011108)
       593607.59   4123879.92       67.91524  (17120308)                593647.59
 4123879.92       67.82601  (15110918)
       593687.59   4123879.92       61.75005  (15110918)                593727.59
 4123879.92       60.31541  (17111407)
       593767.59   4123879.92       54.28610  (17010508)                593807.59
 4123879.92       51.70757  (15122808)
       593847.59   4123879.92       48.33513  (15011008)                593887.59
 4123879.92       45.21817  (15011008)
       593927.59   4123879.92       41.04185  (14013008)                593967.59
 4123879.92       38.50761  (13011718)
       594007.59   4123879.92       37.73807  (13011718)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                    INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
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L0006657 , L0006658 , L0006659 , L0006660 , L0006661
, L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592567.59	4122799.92	40.65667	(17120508)	592607.59	4122799.92	39.27126	(17120508)
592647.59	4122799.92	37.46481	(14110707)	592687.59	4122799.92	35.93114	(15013007)
592727.59	4122799.92	42.65278	(15013007)	592767.59	4122799.92	47.64967	(15013007)
592807.59	4122799.92	49.70743	(15013007)	592847.59	4122799.92	49.98002	(15013007)
592887.59	4122799.92	53.31215	(13010808)	592927.59	4122799.92	54.07077	(13010808)
592967.59	4122799.92	52.13559	(15020708)	593007.59	4122799.92	48.48594	(15020708)
593047.59	4122799.92	38.13938	(15020708)	593087.59	4122799.92	38.71154	(15021808)
593127.59	4122799.92	42.11740	(15021808)	593167.59	4122799.92	41.48801	(15021808)
593207.59	4122799.92	39.92990	(13010117)	593247.59	4122799.92	46.78924	(17121217)
593287.59	4122799.92	51.38602	(17121217)	593327.59	4122799.92	48.88416	(17121217)
593367.59	4122799.92	56.93724	(17122518)	593407.59	4122799.92	72.89682	(17122518)
593447.59	4122799.92	76.38452	(17122518)	593487.59	4122799.92	73.90281	(13121317)
593527.59	4122799.92	71.03357	(13122018)	593567.59	4122799.92	70.05261	(17121318)
593607.59	4122799.92	63.74666	(17121318)	593647.59	4122799.92	63.77091	(16120518)
593687.59	4122799.92	57.23699	(16120518)	593727.59	4122799.92	56.03341	(14122618)
593767.59	4122799.92	53.05899	(14010218)	593807.59	4122799.92	52.76195	(16110918)
593847.59	4122799.92	50.61976	(16011518)	593887.59	4122799.92	46.43319	(13111408)
593927.59	4122799.92	45.25228	(15012618)	593967.59	4122799.92	43.94461	(15012618)
594007.59	4122799.92	41.13680	(15120818)	592567.59			

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 4122839.92       42.75570  (17120508)
       592607.59   4122839.92       43.47566  (17120508)                592647.59
 4122839.92       43.04222  (17120508)
       592687.59   4122839.92       40.84946  (17120508)                592727.59
 4122839.92       38.40877  (15013007)
       592767.59   4122839.92       44.92754  (15013007)                592807.59
 4122839.92       50.94845  (15013007)
       592847.59   4122839.92       54.36194  (15013007)                592887.59
 4122839.92       53.51728  (15013007)
       592927.59   4122839.92       58.11681  (13010808)                592967.59
 4122839.92       58.01536  (13010808)
       593007.59   4122839.92       48.38512  (15020708)                593047.59
 4122839.92       37.24944  (15020708)
       593087.59   4122839.92       38.45332  (15021808)                593127.59
 4122839.92       44.17998  (15021808)
       593167.59   4122839.92       45.69735  (15021808)                593207.59
 4122839.92       43.63706  (13010117)
       593247.59   4122839.92       50.51373  (17121217)                593287.59
 4122839.92       56.63134  (17121217)
       593327.59   4122839.92       54.21400  (17121217)                593367.59
 4122839.92       65.27853  (17122518)
       593407.59   4122839.92       81.95205  (17122518)                593447.59
 4122839.92       83.53122  (16122217)
       593487.59   4122839.92       78.68063  (17122517)                593527.59
 4122839.92       76.27798  (13122018)
       593567.59   4122839.92       75.15926  (17121318)                593607.59
 4122839.92       70.79587  (16120518)
       593647.59   4122839.92       66.62879  (16120518)                593687.59
 4122839.92       61.60935  (14122618)
       593727.59   4122839.92       59.49466  (14122618)                593767.59
 4122839.92       58.12577  (14010218)
       593807.59   4122839.92       55.80349  (16011518)                593847.59
 4122839.92       51.07640  (16011518)
       593887.59   4122839.92       49.69491  (15012618)                593927.59
 4122839.92       47.88979  (15012618)
       593967.59   4122839.92       44.90728  (15120818)                594007.59
 4122839.92       42.63332  (15120818)
       592567.59   4122879.92       42.08788  (15013008)                592607.59
 4122879.92       44.59928  (17120508)
       592647.59   4122879.92       46.80291  (17120508)                592687.59
 4122879.92       47.41410  (17120508)
       592727.59   4122879.92       44.92553  (17120508)                592767.59
 4122879.92       41.08163  (17120508)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 249
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592807.59	4122879.92	48.78412	(15013007)	592847.59	4122879.92	54.55546	(15013007)
592887.59	4122879.92	57.19526	(15013007)	592927.59	4122879.92	57.96737	(13010808)
592967.59	4122879.92	61.61037	(13010808)	593007.59	4122879.92	56.41983	(13010808)
593047.59	4122879.92	46.43431	(13010808)	593087.59	4122879.92	41.87518	(15020708)
593127.59	4122879.92	46.80508	(15021808)	593167.59	4122879.92	49.31771	(15021808)
593207.59	4122879.92	47.55059	(13010117)	593247.59	4122879.92	54.66906	(17121217)
593287.59	4122879.92	62.78589	(17121217)	593327.59	4122879.92	60.59799	(17121217)
593367.59	4122879.92	75.36529	(17122518)	593407.59	4122879.92	92.32563	(17122518)
593447.59	4122879.92	92.27256	(13121317)	593487.59	4122879.92	86.95679	(13122018)
593527.59	4122879.92	85.42026	(17121318)	593567.59	4122879.92	78.32364	(17121318)
593607.59	4122879.92	76.85978	(16120518)	593647.59	4122879.92	67.60961	(14122618)
593687.59	4122879.92	66.97469	(14122618)	593727.59	4122879.92	64.57853	(14010218)
593767.59	4122879.92	61.86999	(16011518)	593807.59	4122879.92	56.62708	(16011518)
593847.59	4122879.92	54.85933	(15012618)	593887.59	4122879.92	52.39428	(15012618)

593927.59 4122879.92 49.21633 (15120818) 593967.59
4122879.92 46.00882 (15120818)
594007.59 4122879.92 43.13247 (15011007) 592567.59
4122919.92 43.53184 (14110207)
592607.59 4122919.92 44.24376 (15013008) 592647.59
4122919.92 46.84311 (17120508)
592687.59 4122919.92 49.55270 (17120508) 592727.59
4122919.92 50.24137 (17120508)
592767.59 4122919.92 49.42289 (17120508) 592807.59
4122919.92 46.64657 (17120508)
592847.59 4122919.92 51.82072 (15013007) 592887.59
4122919.92 59.23734 (15013007)
592927.59 4122919.92 55.78500 (15013007) 592967.59
4122919.92 53.23840 (13010808)
593007.59 4122919.92 58.20831 (13010808) 593047.59
4122919.92 58.50051 (13010808)
593087.59 4122919.92 49.20835 (13010808) 593127.59
4122919.92 47.41221 (15021808)
593167.59 4122919.92 54.32946 (15021808) 593207.59
4122919.92 54.63274 (15021808)
593247.59 4122919.92 59.29988 (17121217) 593287.59
4122919.92 70.05372 (17121217)
593327.59 4122919.92 68.32732 (17121217) 593367.59
4122919.92 87.65777 (17122518)
593407.59 4122919.92 104.21982 (17122518) 593447.59
4122919.92 102.22519 (13121317)
593487.59 4122919.92 96.48791 (13122018) 593527.59
4122919.92 93.69607 (17121318)
593567.59 4122919.92 87.41511 (16120518) 593607.59
4122919.92 79.78565 (16120518)
593647.59 4122919.92 75.71579 (14122618) 593687.59
4122919.92 72.18131 (14010218)
593727.59 4122919.92 69.08930 (16011518) 593767.59
4122919.92 63.14001 (16011518)
593807.59 4122919.92 60.89075 (15012618) 593847.59
4122919.92 57.53703 (15012618)
593887.59 4122919.92 54.05352 (15120818) 593927.59
4122919.92 49.89991 (14010808)
593967.59 4122919.92 47.00671 (17120717) 594007.59
4122919.92 44.91056 (17120717)
592567.59 4122959.92 43.75274 (14110207) 592607.59
4122959.92 46.32962 (14110207)
592647.59 4122959.92 46.89765 (14110207) 592687.59
4122959.92 49.14840 (15013008)
592727.59 4122959.92 52.19914 (17120508) 592767.59
4122959.92 54.60481 (17120508)
592807.59 4122959.92 55.14177 (17120508) 592847.59
4122959.92 52.10033 (17120508)
592887.59 4122959.92 56.28788 (15013007) 592927.59
4122959.92 61.53473 (15013007)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593047.59	4122959.92	60.43425	(13010808)	593087.59	4122959.92	61.04026	(13010808)
593127.59	4122959.92	47.41606	(15021808)	593167.59	4122959.92	59.01551	(15021808)
593207.59	4122959.92	62.99711	(15021808)	593247.59	4122959.92	64.46454	(17121217)
593287.59	4122959.92	78.84124	(17121217)	593327.59	4122959.92	77.87102	(17121217)
593367.59	4122959.92	102.77792	(17122518)	593407.59	4122959.92	117.79337	(17122518)
593447.59	4122959.92	112.19867	(13121317)	593487.59	4122959.92	107.08059	(17121318)
593527.59	4122959.92	99.33198	(17121318)	593567.59	4122959.92	95.00270	(16120518)
593607.59	4122959.92	85.81477	(14122618)	593647.59	4122959.92	81.38650	(14010218)
593687.59	4122959.92	78.23349	(16110918)	593727.59	4122959.92	71.24106	(16011518)
593767.59	4122959.92	68.14904	(15012618)	593807.59			

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4122959.92       63.51792  (15012618)
       593847.59   4122959.92       59.48193  (15120818)                593887.59
4122959.92       54.45541  (15011007)
       593927.59   4122959.92       51.84073  (17120717)                593967.59
4122959.92       48.44929  (17120717)
       594007.59   4122959.92       45.83584  (14112618)                592567.59
4122999.92       37.61715  (14110207)
       592607.59   4122999.92       45.64185  (14110207)                592647.59
4122999.92       49.02163  (14110207)
       592687.59   4122999.92       50.84174  (14110207)                592727.59
4122999.92       51.80369  (15013008)
       592767.59   4122999.92       55.36013  (17120508)                592807.59
4122999.92       59.35693  (17120508)
       592847.59   4122999.92       60.45167  (17120508)                592887.59
4122999.92       58.98210  (17120508)
       592927.59   4122999.92       57.35806  (15013007)                592967.59
4122999.92       57.54858  (15013007)
       593007.59   4122999.92       57.41418  (13010808)                593047.59
4122999.92       65.51438  (13010808)
       593087.59   4122999.92       73.34420  (13010808)                593127.59
4122999.92       60.62617  (13010808)
       593167.59   4122999.92       62.84603  (15021808)                593207.59
4122999.92       72.10903  (15021808)
       593247.59   4122999.92       71.95641  (13010117)                593287.59
4122999.92       89.52169  (17121217)
       593327.59   4122999.92       89.83031  (17121217)                593367.59
4122999.92      121.60067  (17122518)
       593407.59   4122999.92      133.17383  (17122518)                593447.59
4122999.92      124.87640  (13122018)
       593487.59   4122999.92      121.21771  (17121318)                593527.59
4122999.92      111.70830  (16120518)
       593567.59   4122999.92       97.52178  (16120518)                593607.59
4122999.92       93.39029  (14122618)
       593647.59   4122999.92       89.36555  (16110918)                593687.59
4122999.92       81.05566  (16011518)
       593727.59   4122999.92       76.83162  (15012618)                593767.59
4122999.92       70.49086  (15120818)
       593807.59   4122999.92       65.52799  (15120818)                593847.59
4122999.92       59.86063  (15011007)
       593887.59   4122999.92       56.78731  (17120717)                593927.59
4122999.92       52.30866  (14112618)
       593967.59   4122999.92       51.01787  (14112618)                594007.59
4122999.92       48.50684  (14112618)
       592567.59   4123039.92       33.91277  (14122708)                592607.59
4123039.92       44.34806  (14122708)
       592647.59   4123039.92       46.68447  (14110207)                592687.59
4123039.92       51.06569  (14110207)
       592727.59   4123039.92       54.00409  (14110207)                592767.59
4123039.92       55.27846  (14110207)
       592807.59   4123039.92       58.95781  (15013008)                592847.59
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 4123039.92       63.61826  (17120508)
       592887.59   4123039.92       65.13805  (17120508)                592927.59
 4123039.92       60.99363  (17120508)
       592967.59   4123039.92       55.55449  (17120508)                593007.59
 4123039.92       53.29929  (15013007)
       593047.59   4123039.92       66.21202  (13010808)                593087.59
 4123039.92       78.49103  (13010808)
       593127.59   4123039.92       75.42650  (13010808)                593167.59
 4123039.92       66.83885  (13010808)
       593207.59   4123039.92       81.58212  (15021808)                593247.59
 4123039.92       83.08755  (15021808)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                  INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593287.59   4123039.92      102.72727  (17121217)                593327.59
 4123039.92      105.17730  (17121217)
        593367.59   4123039.92      145.05745  (17122518)                593407.59
 4123039.92      152.82280  (16122217)
        593447.59   4123039.92      142.49597  (13122018)                593487.59
 4123039.92      131.97191  (17121318)
        593527.59   4123039.92      121.36072  (16120518)                593567.59
 4123039.92      110.13663  (14122618)
        593607.59   4123039.92      103.40658  (16110918)                593647.59
 4123039.92       93.38913  (16011518)
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593687.59 4123039.92 87.67199 (15012618) 593727.59
4123039.92 80.06843 (15120818)
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4123039.92 59.03547 (14112618)
593927.59 4123039.92 56.17681 (14112618) 593967.59
4123039.92 52.84156 (13111118)
594007.59 4123039.92 49.56264 (13111118) 592567.59
4123079.92 28.34153 (14122708)
592607.59 4123079.92 42.81380 (14122708) 592647.59
4123079.92 49.84148 (14122708)
592687.59 4123079.92 51.21002 (14122708) 592727.59
4123079.92 51.86007 (14110207)
592767.59 4123079.92 56.24858 (14110207) 592807.59
4123079.92 59.70063 (14110207)
592847.59 4123079.92 62.28666 (15013008) 592887.59
4123079.92 64.50958 (17120508)
592927.59 4123079.92 62.37780 (17120508) 592967.59
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593007.59 4123079.92 60.59293 (17120508) 593047.59
4123079.92 62.40017 (13010808)
593087.59 4123079.92 78.14414 (13010808) 593127.59
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593167.59 4123079.92 87.89222 (13010808) 593207.59
4123079.92 90.32453 (15021808)
593247.59 4123079.92 100.91959 (15021808) 593287.59
4123079.92 119.44418 (17121217)
593327.59 4123079.92 125.38437 (17121217) 593367.59
4123079.92 174.40167 (17122518)
593407.59 4123079.92 177.12290 (13121317) 593447.59
4123079.92 165.16686 (17121318)
593487.59 4123079.92 149.96485 (16120518) 593527.59
4123079.92 131.72968 (14122618)
593567.59 4123079.92 121.54355 (14010218) 593607.59
4123079.92 109.07538 (16011518)
593647.59 4123079.92 100.99956 (15012618) 593687.59
4123079.92 91.38218 (15120818)
593727.59 4123079.92 81.24501 (15011007) 593767.59
4123079.92 75.46517 (17120717)
593807.59 4123079.92 69.69899 (14112618) 593847.59
4123079.92 65.94310 (14112618)
593887.59 4123079.92 61.63235 (13111118) 593927.59
4123079.92 57.37655 (13111118)
593967.59 4123079.92 52.24050 (13011618) 594007.59
4123079.92 49.10392 (13011618)
592567.59 4123119.92 28.20483 (16122107) 592607.59
4123119.92 30.38531 (16122107)
592647.59 4123119.92 46.71655 (14122708) 592687.59
4123119.92 53.01589 (14122708)

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       592727.59   4123119.92       56.08538  (14122708)                592767.59
 4123119.92       57.87177  (14122708)
       592807.59   4123119.92       58.91606  (14122708)                592847.59
 4123119.92       62.19396  (14110207)
       592887.59   4123119.92       59.80700  (15013008)                592927.59
 4123119.92       61.44095  (15013008)
       592967.59   4123119.92       66.71804  (15013008)                593007.59
 4123119.92       68.88838  (17120508)
       593047.59   4123119.92       70.26535  (17120508)                593087.59
 4123119.92       76.44156  (13010808)
       593127.59   4123119.92       96.97034  (13010808)                593167.59
 4123119.92      109.15034  (13010808)
       593207.59   4123119.92      105.05540  (15021717)                593247.59
 4123119.92      122.06857  (15021808)
       593287.59   4123119.92      141.43323  (17121217)                593327.59
 4123119.92      156.24345  (17122518)
       593367.59   4123119.92      211.17024  (17122518)                593407.59
 4123119.92      204.64270  (13121317)
       593447.59   4123119.92      188.17355  (17121318)                593487.59
 4123119.92      162.19750  (16120518)
♠ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                  INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593527.59   4123119.92      147.12434  (14010218)                593567.59
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4123119.92 129.39224 (16011518)
593607.59 4123119.92 117.67187 (15012618) 593647.59
4123119.92 104.80807 (15120818)
593687.59 4123119.92 93.13658 (17120717) 593727.59
4123119.92 84.20163 (14112618)
593767.59 4123119.92 79.68650 (14112618) 593807.59
4123119.92 73.55815 (13111118)
593847.59 4123119.92 67.54864 (13111118) 593887.59
4123119.92 61.16879 (13011618)
593927.59 4123119.92 56.89556 (17121418) 593967.59
4123119.92 53.21276 (16121107)
594007.59 4123119.92 49.65045 (17121518) 592567.59
4123159.92 29.42870 (17011308)
592607.59 4123159.92 30.93625 (17011308) 592647.59
4123159.92 32.38089 (17011308)
592687.59 4123159.92 50.69753 (16111407) 592727.59
4123159.92 54.87769 (13112507)
592767.59 4123159.92 59.19409 (14122708) 592807.59
4123159.92 62.04314 (14122708)
592847.59 4123159.92 62.93776 (14122708) 592887.59
4123159.92 58.23561 (14122708)
592927.59 4123159.92 56.87967 (15013008) 592967.59
4123159.92 65.92477 (15013008)
593007.59 4123159.92 73.91115 (15013008) 593047.59
4123159.92 81.21512 (15013008)
593087.59 4123159.92 87.52190 (17120508) 593127.59
4123159.92 96.40436 (13010808)
593167.59 4123159.92 124.19627 (13010808) 593207.59
4123159.92 138.63753 (13010808)
593247.59 4123159.92 146.04048 (15021808) 593287.59
4123159.92 172.46421 (17121217)
593327.59 4123159.92 206.34546 (17122518) 593367.59
4123159.92 257.82154 (17122518)
593407.59 4123159.92 247.78461 (13122018) 593447.59
4123159.92 218.05975 (16120518)
593487.59 4123159.92 183.34101 (14010218) 593527.59
4123159.92 158.15164 (16011518)
593567.59 4123159.92 138.96449 (15012618) 593607.59
4123159.92 120.99550 (15120818)
593647.59 4123159.92 106.85683 (17120717) 593687.59
4123159.92 98.31345 (14112618)
593727.59 4123159.92 89.94281 (13111118) 593767.59
4123159.92 81.83982 (13111118)
593807.59 4123159.92 73.19346 (13011618) 593847.59
4123159.92 67.39948 (16121107)
593887.59 4123159.92 61.97195 (16121107) 593927.59
4123159.92 57.97082 (17121518)
593967.59 4123159.92 54.18975 (17120307) 594007.59
4123159.92 51.33491 (17120307)
592567.59 4123199.92 30.50936 (15120907) 592607.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	81.44401	(16121107)	593807.59	4123199.92	74.46022	(17121518)
593847.59	4123199.92	68.95704	(17120307)	593887.59	4123199.92	64.29833	(17011118)
593927.59	4123199.92	59.96257	(17011118)	593967.59	4123199.92	55.61123	(17011118)
594007.59	4123199.92	51.52961	(15011108)	592567.59	4123239.92	31.91909	(15120907)
592607.59	4123239.92	34.06465	(15120907)	592647.59	4123239.92	36.38026	(15120907)
592687.59	4123239.92	38.81179	(15120907)	592727.59	4123239.92	42.98389	(15120907)
592767.59	4123239.92	55.19292	(15012408)	592807.59	4123239.92	54.20878	(15012408)
592847.59	4123239.92	55.27766	(17011308)	592887.59	4123239.92	61.53113	(17011308)
592927.59	4123239.92	62.90196	(17011308)	592967.59	4123239.92	66.60582	(16122107)
593007.59	4123239.92	74.07681	(14122708)	593047.59	4123239.92	83.52198	(14122708)
593087.59	4123239.92	100.99270	(15013008)	593127.59	4123239.92	122.26782	(15013008)
593167.59	4123239.92	145.40054	(15013008)	593207.59	4123239.92	174.82804	(13010808)
593247.59	4123239.92	251.13384	(13010808)	593287.59	4123239.92	354.55236	(15021717)
593327.59	4123239.92	371.02267	(16122217)	593367.59	4123239.92	509.31003	(14021209)
593407.59	4123239.92	367.01098	(16120518)	593447.59	4123239.92	260.28637	(14010218)
593487.59	4123239.92	208.09018	(15120818)	593527.59	4123239.92	168.87368	(14112618)
593567.59	4123239.92	147.47922	(13111118)	593607.59	4123239.92	128.93563	(13111118)
593647.59	4123239.92	112.05354	(16121107)	593687.59	4123239.92	99.87957	(17121518)
593727.59	4123239.92	91.40921	(17120307)	593767.59	4123239.92	84.12244	(17011118)
593807.59	4123239.92	77.06864	(17011118)	593847.59	4123239.92	70.37881	(17011118)
593887.59	4123239.92	64.64112	(15011108)	593927.59	4123239.92	59.92417	(16122018)

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       593967.59   4123239.92       56.04038  (16122018)                594007.59
 4123239.92       52.51840  (16122018)
       592567.59   4123279.92       30.90120  (15120907)                592607.59
 4123279.92       33.40494  (15120907)
       592647.59   4123279.92       36.17962  (15120907)                592687.59
 4123279.92       39.23222  (15120907)
       592727.59   4123279.92       42.58588  (15120907)                592767.59
 4123279.92       47.78014  (15120907)
       592807.59   4123279.92       54.56346  (15120907)                592847.59
 4123279.92       58.54448  (15120907)
       592887.59   4123279.92       67.88774  (15120907)                592927.59
 4123279.92       68.37076  (15120907)
       592967.59   4123279.92       72.28241  (15120907)                593007.59
 4123279.92       79.99117  (17011308)
       593047.59   4123279.92       89.63303  (17011308)                593087.59
 4123279.92      100.96863  (17011308)
       593127.59   4123279.92      118.61512  (15013008)                593167.59
 4123279.92      151.37193  (15013008)
       593207.59   4123279.92      192.76196  (15013008)                593247.59
 4123279.92      265.54128  (13010808)
       593287.59   4123279.92      570.44119  (15021717)                593327.59
 4123279.92      422.05417  (14011718)
       593367.59   4123279.92      715.82877  (14021209)                593407.59
 4123279.92      421.01399  (13042707)
       593447.59   4123279.92      286.66614  (13042707)                593487.59
 4123279.92      207.10826  (13042707)
       593527.59   4123279.92      173.13499  (13111118)                593567.59
 4123279.92      145.96331  (16121107)
       593607.59   4123279.92      128.56901  (17011118)                593647.59
 4123279.92      114.52380  (17011118)
       593687.59   4123279.92      102.67577  (17011118)                593727.59
 4123279.92       92.21744  (15011108)
       593767.59   4123279.92       84.39750  (16122018)                593807.59
 4123279.92       77.46313  (16122018)
       593847.59   4123279.92       71.51660  (17120118)                593887.59
 4123279.92       66.20976  (17120118)
       593927.59   4123279.92       61.37346  (17120118)                593967.59
 4123279.92       56.87893  (17120118)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                 INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
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                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        594007.59   4123279.92       53.04744  (17120118)               592567.59
 4123319.92       31.06427  (17112207)
        592607.59   4123319.92       33.21659  (17112207)               592647.59
 4123319.92       35.61718  (17112207)
        592687.59   4123319.92       38.29802  (17112207)               592727.59
 4123319.92       41.30859  (17112207)
        592767.59   4123319.92       44.67574  (17112207)               592807.59
 4123319.92       50.78826  (17112207)
        592847.59   4123319.92       55.95665  (17112207)               592887.59
 4123319.92       63.65485  (17112207)
        592927.59   4123319.92       67.21005  (15120907)               592967.59
 4123319.92       75.67119  (15120907)
        593007.59   4123319.92       85.56415  (15120907)               593047.59
 4123319.92       97.40383  (15120907)
        593087.59   4123319.92      111.68282  (15120907)               593127.59
 4123319.92      129.74287  (15120907)
        593167.59   4123319.92      154.52091  (15120907)               593207.59
 4123319.92      195.91589  (15013008)
        593247.59   4123319.92      282.01803  (15051907)               593287.59
 4123319.92      628.03277  (13030208)
        593327.59   4123319.92      546.51891  (14110908)               593367.59
 4123319.92      752.69243  (14021209)
        593407.59   4123319.92      398.21054  (13042707)               593447.59
 4123319.92      285.50975  (13042707)
        593487.59   4123319.92      207.52485  (13042707)               593527.59
 4123319.92      170.20003  (17011118)
        593567.59   4123319.92      147.07895  (17011118)               593607.59
 4123319.92      129.20454  (17120118)
        593647.59   4123319.92      115.12141  (17120118)               593687.59
 4123319.92      103.47552  (17120118)
        593727.59   4123319.92       93.78616  (17120118)               593767.59
 4123319.92       84.77608  (17120118)
        593807.59   4123319.92       76.77304  (17120118)               593847.59
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 4123319.92       69.68115  (17120118)
       593887.59   4123319.92       63.19160  (17120118)                593927.59
 4123319.92       57.61935  (17120118)
       593967.59   4123319.92       52.57859  (17120118)                594007.59
 4123319.92       48.50522  (17120118)
       592567.59   4123359.92       31.55496  (17111107)                592607.59
 4123359.92       33.74653  (17111107)
       592647.59   4123359.92       36.20277  (17111107)                592687.59
 4123359.92       38.97108  (17111107)
       592727.59   4123359.92       42.11316  (17111107)                592767.59
 4123359.92       45.69125  (17111107)
       592807.59   4123359.92       49.72590  (17111107)                592847.59
 4123359.92       54.38679  (17111107)
       592887.59   4123359.92       59.92168  (17111107)                592927.59
 4123359.92       66.62466  (17111107)
       592967.59   4123359.92       74.47882  (17111107)                593007.59
 4123359.92       84.04737  (17111107)
       593047.59   4123359.92       95.79066  (17111107)                593087.59
 4123359.92      111.06213  (15120907)
       593127.59   4123359.92      132.50041  (15120907)                593167.59
 4123359.92      160.18723  (15120907)
       593207.59   4123359.92      218.21807  (15112108)                593247.59
 4123359.92      310.27166  (15112108)
       593287.59   4123359.92      688.07914  (13030208)                593327.59
 4123359.92      585.10533  (14110908)
       593367.59   4123359.92      813.18840  (17101908)                593407.59
 4123359.92      385.98062  (13042707)
       593447.59   4123359.92      276.16999  (13042707)                593487.59
 4123359.92      194.93705  (15010617)
       593527.59   4123359.92      168.93544  (15010617)                593567.59
 4123359.92      146.04872  (17120118)
       593607.59   4123359.92      126.76134  (17120118)                593647.59
 4123359.92      110.10364  (17120118)
       593687.59   4123359.92       96.04328  (17120118)                593727.59
 4123359.92       84.67413  (17120118)
       593767.59   4123359.92       74.78764  (17120118)                593807.59
 4123359.92       66.17547  (17120118)
       593847.59   4123359.92       58.97095  (17120118)                593887.59
 4123359.92       52.82023  (17120118)
       593927.59   4123359.92       47.50814  (17120118)                593967.59
 4123359.92       42.77337  (17120118)
       594007.59   4123359.92       38.95976  (15110207)                592567.59
 4123399.92       32.01198  (17111107)
       592607.59   4123399.92       34.22083  (17111107)                592647.59
 4123399.92       36.69417  (17111107)
       592687.59   4123399.92       39.47835  (17111107)                592727.59
 4123399.92       42.64668  (17111107)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	46.29767	(15121107)	592807.59	4123399.92	50.48780	(15121107)
592847.59	4123399.92	55.24253	(15121107)	592887.59	4123399.92	60.89434	(15121107)
592927.59	4123399.92	67.64276	(15121107)	592967.59	4123399.92	75.73678	(15121107)
593007.59	4123399.92	85.48316	(15121107)	593047.59	4123399.92	97.48731	(15121107)
593087.59	4123399.92	116.62203	(15112108)	593127.59	4123399.92	145.97250	(17110807)
593167.59	4123399.92	183.40775	(17110807)	593207.59	4123399.92	233.43902	(17110807)
593247.59	4123399.92	337.23311	(16050607)	593287.59	4123399.92	723.57929	(13030208)
593327.59	4123399.92	600.70720	(14110908)	593367.59	4123399.92	930.37513	(13042807)
593407.59	4123399.92	472.80043	(13042707)	593447.59	4123399.92	255.56726	(13042707)
593487.59	4123399.92	199.08224	(17120118)	593527.59	4123399.92	158.73074	(17120118)
593567.59	4123399.92	129.02768	(17120118)	593607.59	4123399.92	105.91024	(17120118)
593647.59	4123399.92	90.02317	(17120507)	593687.59	4123399.92	79.85286	(17120507)

593727.59 4123399.92 71.22896 (17120507) 593767.59
4123399.92 64.05236 (17120507)
593807.59 4123399.92 57.89844 (17120507) 593847.59
4123399.92 52.66785 (17120507)
593887.59 4123399.92 48.08980 (17120507) 593927.59
4123399.92 44.09386 (17120507)
593967.59 4123399.92 40.67347 (17120507) 594007.59
4123399.92 37.75791 (17120507)
592567.59 4123439.92 31.43875 (16010508) 592607.59
4123439.92 33.61666 (16010508)
592647.59 4123439.92 36.04014 (16010508) 592687.59
4123439.92 38.74432 (16010508)
592727.59 4123439.92 41.88807 (14113007) 592767.59
4123439.92 45.53950 (14113007)
592807.59 4123439.92 49.68783 (14011307) 592847.59
4123439.92 54.49896 (14011307)
592887.59 4123439.92 60.02516 (14011307) 592927.59
4123439.92 66.82145 (15112108)
592967.59 4123439.92 79.83005 (15112108) 593007.59
4123439.92 95.03003 (15112108)
593047.59 4123439.92 113.57394 (17110807) 593087.59
4123439.92 135.15239 (17110807)
593127.59 4123439.92 160.50046 (17110807) 593167.59
4123439.92 194.03787 (17110807)
593207.59 4123439.92 242.46703 (17110807) 593247.59
4123439.92 354.11583 (16050607)
593287.59 4123439.92 728.87476 (15051907) 593327.59
4123439.92 801.00300 (13030208)
593367.59 4123439.92 985.81471 (13042707) 593407.59
4123439.92 389.23636 (16012817)
593447.59 4123439.92 232.50726 (16012817) 593487.59
4123439.92 169.64985 (13110507)
593527.59 4123439.92 138.42008 (13110507) 593567.59
4123439.92 117.36338 (13110507)
593607.59 4123439.92 100.82083 (13110507) 593647.59
4123439.92 87.59224 (13110507)
593687.59 4123439.92 77.01912 (13110507) 593727.59
4123439.92 68.20561 (16010307)
593767.59 4123439.92 60.72634 (16010307) 593807.59
4123439.92 54.60688 (16120717)
593847.59 4123439.92 50.10158 (16120717) 593887.59
4123439.92 46.22994 (16120717)
593927.59 4123439.92 42.83721 (16120717) 593967.59
4123439.92 39.74197 (16120717)
594007.59 4123439.92 36.94339 (16120717) 592567.59
4123479.92 31.41560 (14011307)
592607.59 4123479.92 33.55720 (14011307) 592647.59
4123479.92 35.90912 (14011307)
592687.59 4123479.92 38.48432 (14011307) 592727.59
4123479.92 41.41942 (17012608)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITECI ***
INCLUDING SOURCE(S): L0006636 , L0006637 , L0006638 , L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 , L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654 , L0006655 , L0006656 ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	107.52681	(17110807)	593047.59	4123479.92	123.36381	(17110807)
593087.59	4123479.92	141.69393	(17110807)	593127.59	4123479.92	164.83692	(13121608)
593167.59	4123479.92	200.00742	(14120607)	593207.59	4123479.92	253.78383	(14120607)
593247.59	4123479.92	378.36670	(16050607)	593287.59	4123479.92	567.81067	(14090908)
593327.59	4123479.92	679.43565	(13042807)	593367.59	4123479.92	736.14857	(13042807)
593407.59	4123479.92	354.42010	(16012817)	593447.59	4123479.92	227.59662	(16012817)
593487.59	4123479.92	157.74197	(16012817)	593527.59	4123479.92	128.78772	(16122918)
593567.59	4123479.92	110.10218	(16122918)	593607.59			

4123479.92 94.40737 (15121507)
593647.59 4123479.92 83.46709 (15121507) 593687.59
4123479.92 74.08072 (16111607)
593727.59 4123479.92 67.23202 (13110507) 593767.59
4123479.92 61.90419 (13110507)
593807.59 4123479.92 57.07489 (13110507) 593847.59
4123479.92 52.29888 (13110507)
593887.59 4123479.92 47.80384 (13110507) 593927.59
4123479.92 43.85987 (16010307)
593967.59 4123479.92 40.32676 (16010307) 594007.59
4123479.92 37.19642 (16010307)
592567.59 4123519.92 30.78510 (17012608) 592607.59
4123519.92 32.76482 (14012408)
592647.59 4123519.92 37.16123 (15112108) 592687.59
4123519.92 42.28895 (15112108)
592727.59 4123519.92 48.00775 (15112108) 592767.59
4123519.92 54.32171 (15112108)
592807.59 4123519.92 61.33785 (17110807) 592847.59
4123519.92 69.48391 (17110807)
592887.59 4123519.92 78.09325 (17110807) 592927.59
4123519.92 87.13237 (17110807)
592967.59 4123519.92 96.57983 (13121608) 593007.59
4123519.92 107.98742 (13121608)
593047.59 4123519.92 122.19892 (16110207) 593087.59
4123519.92 140.98984 (14120607)
593127.59 4123519.92 162.69672 (17120107) 593167.59
4123519.92 192.81582 (13110107)
593207.59 4123519.92 237.73179 (16111007) 593247.59
4123519.92 296.41816 (16121307)
593287.59 4123519.92 351.80257 (14122108) 593327.59
4123519.92 411.02052 (17101908)
593367.59 4123519.92 407.87041 (17101908) 593407.59
4123519.92 233.14046 (15110918)
593447.59 4123519.92 179.79707 (17111407) 593487.59
4123519.92 146.90708 (15011008)
593527.59 4123519.92 125.27273 (13011718) 593567.59
4123519.92 106.59820 (13011718)
593607.59 4123519.92 94.30198 (16122918) 593647.59
4123519.92 85.65253 (16122918)
593687.59 4123519.92 76.39287 (16122918) 593727.59
4123519.92 67.49423 (13122518)
593767.59 4123519.92 61.39116 (15121507) 593807.59
4123519.92 55.35373 (15121507)
593847.59 4123519.92 50.35560 (16111607) 593887.59
4123519.92 46.26243 (13110507)
593927.59 4123519.92 43.32665 (13110507) 593967.59
4123519.92 40.36972 (13110507)
594007.59 4123519.92 37.71533 (13110507) 592567.59
4123559.92 35.22352 (15112108)
592607.59 4123559.92 39.34161 (15112108) 592647.59

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 4123559.92       43.77197  (15112108)
       592687.59   4123559.92       48.51422  (17110807)                592727.59
 4123559.92       54.03731  (17110807)
       592767.59   4123559.92       59.78368  (17110807)                592807.59
 4123559.92       65.59271  (17110807)
       592847.59   4123559.92       71.25669  (17110807)                592887.59
 4123559.92       77.91643  (13121608)
       592927.59   4123559.92       84.12306  (13122407)                592967.59
 4123559.92       92.27288  (16110207)
       593007.59   4123559.92      101.93211  (14120607)                593047.59
 4123559.92      111.78367  (17120107)
       593087.59   4123559.92      126.89259  (13110107)                593127.59
 4123559.92      145.36549  (15120908)
       593167.59   4123559.92      168.27526  (16111307)                593207.59
 4123559.92      199.34822  (14121407)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 257
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                    INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593247.59   4123559.92      234.68896  (16111507)                593287.59
 4123559.92      264.06392  (14122108)
       593327.59   4123559.92      298.83535  (17101908)                593367.59
 4123559.92      292.57352  (17101908)
       593407.59   4123559.92      202.49056  (17111018)                593447.59
 4123559.92      166.81947  (15110918)
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593487.59 4123559.92 138.84570 (17111407) 593527.59
4123559.92 120.37598 (15011008)
593567.59 4123559.92 104.38778 (13011718) 593607.59
4123559.92 93.20434 (13011718)
593647.59 4123559.92 81.02062 (15012218) 593687.59
4123559.92 72.55519 (15012218)
593727.59 4123559.92 66.73125 (16122918) 593767.59
4123559.92 60.83691 (16122918)
593807.59 4123559.92 54.55152 (16122918) 593847.59
4123559.92 49.66514 (13122518)
593887.59 4123559.92 45.75228 (15121507) 593927.59
4123559.92 42.27480 (15121507)
593967.59 4123559.92 38.83150 (16111607) 594007.59
4123559.92 36.15174 (16111607)
592567.59 4123599.92 39.61270 (15112108) 592607.59
4123599.92 43.55562 (17110807)
592647.59 4123599.92 47.60911 (17110807) 592687.59
4123599.92 51.65532 (17110807)
592727.59 4123599.92 55.55180 (17110807) 592767.59
4123599.92 59.90602 (13121608)
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4123599.92 67.48616 (16110207)
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4123599.92 78.11328 (14120607)
592967.59 4123599.92 83.96706 (14120607) 593007.59
4123599.92 92.35564 (17120107)
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4123599.92 117.51318 (16111007)
593127.59 4123599.92 132.48575 (16111307) 593167.59
4123599.92 152.45521 (14120108)
593207.59 4123599.92 179.78731 (16111507) 593247.59
4123599.92 203.95521 (14120707)
593287.59 4123599.92 217.84887 (16110907) 593327.59
4123599.92 222.43530 (17101908)
593367.59 4123599.92 229.43142 (17101908) 593407.59
4123599.92 196.61365 (17111018)
593447.59 4123599.92 145.25249 (17120308) 593487.59
4123599.92 129.14942 (17111407)
593527.59 4123599.92 110.18877 (17111407) 593567.59
4123599.92 98.37822 (15011008)
593607.59 4123599.92 85.40232 (15011008) 593647.59
4123599.92 78.61477 (13011718)
593687.59 4123599.92 70.95130 (13011718) 593727.59
4123599.92 63.22440 (15012218)
593767.59 4123599.92 57.45556 (15012218) 593807.59
4123599.92 53.18066 (16122918)
593847.59 4123599.92 49.47280 (16122918) 593887.59
4123599.92 45.33306 (16122918)
593927.59 4123599.92 41.41028 (13122518) 593967.59
4123599.92 38.40888 (13122518)

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       594007.59   4123599.92       36.02203  (15121507)                593087.59
 4123639.92      112.82027  (15011107)
       593127.59   4123639.92      128.12679  (13121308)                593167.59
 4123639.92      148.26107  (16121307)
       593207.59   4123639.92      164.22504  (16111507)                593247.59
 4123639.92      183.89510  (14120418)
       593287.59   4123639.92      187.67505  (16110907)                593327.59
 4123639.92      185.65462  (15010908)
       593367.59   4123639.92      189.48235  (14120208)                593407.59
 4123639.92      177.43589  (17111018)
       593447.59   4123639.92      124.57865  (16011108)                593487.59
 4123639.92      115.40566  (15110918)
       593527.59   4123639.92      103.12959  (17111407)                593567.59
 4123639.92       89.35070  (15122808)
       593607.59   4123639.92       81.14152  (15011008)                593647.59
 4123639.92       72.88930  (15011008)
       593687.59   4123639.92       66.25044  (13011718)                593727.59
 4123639.92       61.80346  (13011718)
       593767.59   4123639.92       55.88166  (15120218)                593807.59
 4123639.92       50.99937  (15012218)
       593847.59   4123639.92       46.97715  (15012218)                593887.59
 4123639.92       43.46396  (16122918)
       593927.59   4123639.92       41.22057  (16122918)                593967.59
 4123639.92       38.39347  (16122918)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                     INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
 , L0006662    , L0006663    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       594007.59   4123639.92   35.54794 (16122918)   593087.59
 4123679.92   109.83010 (13121308)
       593127.59   4123679.92   124.16708 (16121307)   593167.59
 4123679.92   137.52016 (16111507)
       593207.59   4123679.92   147.27420 (14120707)   593247.59
 4123679.92   158.70139 (14120418)
       593287.59   4123679.92   158.07749 (16110907)   593327.59
 4123679.92   154.05802 (15010908)
       593367.59   4123679.92   161.92757 (14120208)   593407.59
 4123679.92   155.32869 (17111018)
       593447.59   4123679.92   119.27298 (17111018)   593487.59
 4123679.92   98.39304 (17120308)
       593527.59   4123679.92   93.22790 (15110918)   593567.59
 4123679.92   84.81654 (17111407)
       593607.59   4123679.92   74.63135 (15122808)   593647.59
 4123679.92   68.37364 (15011008)
       593687.59   4123679.92   63.26043 (15011008)   593727.59
 4123679.92   55.95406 (14013008)
       593767.59   4123679.92   53.90046 (13011718)   593807.59
 4123679.92   49.89569 (13011718)
       593847.59   4123679.92   45.41518 (15120218)   593887.59
 4123679.92   42.07941 (15012218)
       593927.59   4123679.92   39.18718 (15012218)   593967.59
 4123679.92   36.47889 (16122918)
       594007.59   4123679.92   34.94726 (16122918)   593087.59
 4123719.92   103.33570 (14121407)
       593127.59   4123719.92   111.76815 (16111507)   593167.59
 4123719.92   118.31705 (16111507)
       593207.59   4123719.92   128.33669 (14120808)   593247.59
 4123719.92   134.49701 (14121218)
       593287.59   4123719.92   134.20336 (16110907)   593327.59
 4123719.92   130.35842 (15010908)
       593367.59   4123719.92   139.55320 (14120208)   593407.59
 4123719.92   134.44987 (17111018)
       593447.59   4123719.92   115.01403 (17111018)   593487.59
 4123719.92   86.83454 (16011108)
       593527.59   4123719.92   82.51401 (15110918)   593567.59
 4123719.92   76.48468 (15110918)
       593607.59   4123719.92   71.43455 (17111407)   593647.59
 4123719.92   63.74483 (15122808)
       593687.59   4123719.92   58.96186 (15122808)   593727.59
 4123719.92   55.18141 (15011008)
       593767.59   4123719.92   49.49199 (14013008)   593807.59
 4123719.92   46.72427 (13011718)
       593847.59   4123719.92   44.46994 (13011718)   593887.59
 4123719.92   41.02925 (13011718)
       593927.59   4123719.92   37.69995 (13122008)   593967.59

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 4123719.92       35.71168  (15012218)
       594007.59   4123719.92       33.40771  (15012218)                593087.59
 4123759.92       94.87267  (16121307)
       593127.59   4123759.92      103.13601  (16111507)                593167.59
 4123759.92      107.92290  (14120707)
       593207.59   4123759.92      114.65175  (14120418)                593247.59
 4123759.92      114.62878  (14121218)
       593287.59   4123759.92      114.97027  (16110907)                593327.59
 4123759.92      112.59503  (15010908)
       593367.59   4123759.92      121.03383  (14120208)                593407.59
 4123759.92      115.90261  (17111018)
       593447.59   4123759.92      107.81603  (17111018)                593487.59
 4123759.92       80.96002  (16011108)
       593527.59   4123759.92       71.95721  (17120308)                593567.59
 4123759.92       70.88403  (15110918)
       593607.59   4123759.92       64.52799  (17111407)                593647.59
 4123759.92       61.24018  (17111407)
       593687.59   4123759.92       55.21890  (15122808)                593727.59
 4123759.92       51.48684  (15122808)
       593767.59   4123759.92       48.61769  (15011008)                593807.59
 4123759.92       44.13898  (15011008)
       593847.59   4123759.92       40.57123  (13011718)                593887.59
 4123759.92       39.65569  (13011718)
       593927.59   4123759.92       37.50950  (13011718)                593967.59
 4123759.92       34.73766  (15120218)
       594007.59   4123759.92       32.33067  (13122008)                593087.59
 4123799.92       87.92873  (16111507)
       593127.59   4123799.92       89.99989  (16111507)                593167.59
 4123799.92       97.59167  (14120707)
       593207.59   4123799.92      102.83134  (14120418)                593247.59
 4123799.92       98.97427  (16110907)
       593287.59   4123799.92       99.63099  (15102607)                593327.59
 4123799.92       98.46281  (15010908)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 259
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITECI ***
                                  INCLUDING SOURCE(S):     L0006636    , L0006637
 , L0006638    , L0006639    , L0006640    ,
                 L0006641    , L0006642    , L0006643    , L0006644    , L0006645
 , L0006646    , L0006647    , L0006648    ,
                 L0006649    , L0006650    , L0006651    , L0006652    , L0006653
 , L0006654    , L0006655    , L0006656    ,
                 L0006657    , L0006658    , L0006659    , L0006660    , L0006661
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, L0006662 , L0006663 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	106.34401	(14120208)	593407.59	4123799.92	101.58241	(14013007)
593447.59	4123799.92	99.69074	(17111018)	593487.59	4123799.92	78.67823	(17111018)
593527.59	4123799.92	64.88167	(16011108)	593567.59	4123799.92	63.25544	(17120308)
593607.59	4123799.92	60.98826	(15110918)	593647.59	4123799.92	56.49263	(17111407)
593687.59	4123799.92	53.08202	(17111407)	593727.59	4123799.92	48.51457	(15122808)
593767.59	4123799.92	45.41580	(15122808)	593807.59	4123799.92	43.00935	(15011008)
593847.59	4123799.92	39.85970	(15011008)	593887.59	4123799.92	36.40752	(14013008)
593927.59	4123799.92	35.36121	(13011718)	593967.59	4123799.92	34.01905	(13011718)
594007.59	4123799.92	32.08085	(13011718)	593087.59	4123839.92	80.87289	(16111507)
593127.59	4123839.92	83.11148	(14120707)	593167.59	4123839.92	87.91169	(14120808)
593207.59	4123839.92	90.83577	(14120418)	593247.59	4123839.92	89.57729	(16110907)
593287.59	4123839.92	87.72880	(15102807)	593327.59	4123839.92	86.94910	(15010908)
593367.59	4123839.92	94.38952	(14120208)	593407.59	4123839.92	90.78461	(14013007)
593447.59	4123839.92	90.90803	(17111018)	593487.59	4123839.92	77.18436	(17111018)
593527.59	4123839.92	61.83829	(16011108)	593567.59	4123839.92	55.51239	(17120308)
593607.59	4123839.92	55.58703	(15110918)	593647.59	4123839.92	52.47719	(15110918)
593687.59	4123839.92	49.86628	(17111407)	593727.59	4123839.92	46.73025	(17111407)
593767.59	4123839.92	42.86475	(15122808)	593807.59	4123839.92	40.63154	(15122808)
593847.59	4123839.92	38.62132	(15011008)	593887.59	4123839.92	36.18679	(15011008)

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       593927.59   4123879.92       32.91271  (15011008)                593967.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 260
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENS     ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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       593327.59   4122839.92        1.59230  (14120813)                593367.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 261
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENS     ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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592967.59	4122879.92	1.79519	(14120813)	593007.59	4122879.92	1.94086	(14120813)
593047.59	4122879.92	2.07366	(14120813)	593087.59	4122879.92	2.18473	(14120813)
593127.59	4122879.92	2.26457	(14120813)	593167.59	4122879.92	2.30352	(14120813)
593207.59	4122879.92	2.29085	(14120813)	593247.59	4122879.92	2.22017	(14120813)
593287.59	4122879.92	2.08730	(14120813)	593327.59	4122879.92	1.89502	(14120813)
593367.59	4122879.92	1.65302	(14120813)	593407.59	4122879.92	1.51405	(15010513)
593447.59	4122879.92	2.19403	(15010513)	593487.59	4122879.92	2.95186	(15010513)
593527.59	4122879.92	3.66830	(15010513)	593567.59	4122879.92	5.97084	(17120413)
593607.59	4122879.92	8.23909	(17120413)	593647.59	4122879.92	9.76204	(17120413)
593687.59	4122879.92	8.11988	(17120413)	593727.59	4122879.92	6.35879	(17112013)
593767.59	4122879.92	8.74003	(17112013)	593807.59	4122879.92	11.12659	(17112013)
593847.59	4122879.92	11.72891	(13111813)	593887.59	4122879.92	13.85230	(13111813)
593927.59	4122879.92	13.75009	(13111813)	593967.59	4122879.92	11.53592	(13111813)
594007.59	4122879.92	11.36400	(17042413)	592567.59	4122919.92	1.46820	(16100313)
592607.59	4122919.92	1.58040	(16100313)	592647.59	4122919.92	1.69533	(16100313)
592687.59	4122919.92	1.81012	(16100313)	592727.59	4122919.92	1.92182	(16100313)
592767.59	4122919.92	2.02419	(16100313)	592807.59	4122919.92	2.01871	(16100313)
592847.59	4122919.92	2.07614	(16100313)	592887.59	4122919.92	2.10226	(16100313)
592927.59	4122919.92	1.95205	(16100313)	592967.59	4122919.92	1.90203	(16100313)
593007.59	4122919.92	1.93479	(14120813)	593047.59	4122919.92	2.10560	(14120813)
593087.59	4122919.92	2.26282	(14120813)	593127.59	4122919.92	2.39524	(14120813)

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 4122959.92        2.20664  (16100313)
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       592887.59   4122959.92        2.45219  (16100313)               592927.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENS     ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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593127.59	4122959.92	2.49227	(14120813)	593167.59	4122959.92	2.65358	(14120813)
593207.59	4122959.92	2.76862	(14120813)	593247.59	4122959.92	2.81997	(14120813)
593287.59	4122959.92	2.78876	(14120813)	593327.59	4122959.92	2.66293	(14120813)
593367.59	4122959.92	2.43588	(14120813)	593407.59	4122959.92	2.12050	(14120813)
593447.59	4122959.92	2.19718	(15010513)	593487.59	4122959.92	3.16797	(15010513)
593527.59	4122959.92	4.14600	(15010513)	593567.59	4122959.92	7.87380	(17120413)
593607.59	4122959.92	11.18027	(17120413)	593647.59	4122959.92	12.78652	(17120413)
593687.59	4122959.92	9.88328	(17120413)	593727.59	4122959.92	10.28993	(17112013)
593767.59	4122959.92	14.08248	(17112013)	593807.59	4122959.92	15.24357	(17112013)
593847.59	4122959.92	17.83853	(13111813)	593887.59	4122959.92	17.46969	(13111813)
593927.59	4122959.92	14.63894	(17042413)	593967.59	4122959.92	14.34619	(17042413)
594007.59	4122959.92	13.94943	(17021313)	592567.59	4122999.92	1.35339	(16100313)
592607.59	4122999.92	1.47392	(16100313)	592647.59	4122999.92	1.65668	(16100313)
592687.59	4122999.92	1.82025	(16100313)	592727.59	4122999.92	2.10388	(16100313)
592767.59	4122999.92	2.31818	(16100313)	592807.59	4122999.92	2.54227	(16100313)
592847.59	4122999.92	2.77071	(16100313)	592887.59	4122999.92	2.99131	(16100313)
592927.59	4122999.92	3.19072	(16100313)	592967.59	4122999.92	3.05039	(16100313)
593007.59	4122999.92	3.13586	(16100313)	593047.59	4122999.92	3.13353	(16100313)
593087.59	4122999.92	2.78231	(16100313)	593127.59	4122999.92	2.58715	(16100313)
593167.59	4122999.92	2.77703	(14120813)	593207.59	4122999.92	2.97741	(14120813)
593247.59	4122999.92	3.12079	(14120813)	593287.59			

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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENS     ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593287.59	4123039.92	3.57561	(14120813)	593327.59	4123039.92	3.64051	(14120813)
593367.59	4123039.92	3.55177	(14120813)	593407.59	4123039.92	3.28349	(14120813)
593447.59	4123039.92	2.84083	(14120813)	593487.59	4123039.92	3.37524	(16050913)
593527.59	4123039.92	4.73288	(16050913)	593567.59	4123039.92	10.37344	(17120413)
593607.59	4123039.92	15.26748	(17120413)	593647.59	4123039.92	14.19860	(17120413)
593687.59	4123039.92	11.60332	(17120413)	593727.59	4123039.92	15.81427	(17112013)
593767.59	4123039.92	20.33555	(17112013)	593807.59	4123039.92	23.11586	(13111813)
593847.59	4123039.92	22.08544	(13111813)	593887.59	4123039.92	19.21467	(17042413)
593927.59	4123039.92	19.37229	(17021313)	593967.59	4123039.92	17.65485	(17021313)
594007.59	4123039.92	14.19246	(17021313)	592567.59	4123079.92	1.14915	(16100313)
592607.59	4123079.92	1.28771	(16100313)	592647.59	4123079.92	1.44124	(16100313)
592687.59	4123079.92	1.62099	(16100313)	592727.59	4123079.92	1.82044	(16100313)
592767.59	4123079.92	2.03985	(16100313)	592807.59	4123079.92	2.46794	(16100313)
592847.59	4123079.92	2.80126	(16100313)	592887.59	4123079.92	3.38284	(16100313)
592927.59	4123079.92	3.84256	(16100313)	592967.59	4123079.92	4.32571	(16100313)
593007.59	4123079.92	4.80701	(16100313)	593047.59	4123079.92	5.24466	(16100313)
593087.59	4123079.92	4.81613	(16100313)	593127.59	4123079.92	5.03885	(16100313)
593167.59	4123079.92	5.05236	(16100313)	593207.59	4123079.92	4.77766	(16100313)
593247.59	4123079.92	3.87007	(16100313)	593287.59	4123079.92	3.94347	(14120813)
593327.59	4123079.92	4.17064	(14120813)	593367.59	4123079.92	4.23219	(14120813)

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       593407.59   4123079.92        4.06512  (14120813)               593447.59
 4123079.92        3.64367  (14120813)
       593487.59   4123079.92        3.92108  (16050913)               593527.59
 4123079.92        5.77988  (16050913)
       593567.59   4123079.92       11.85543  (17120413)               593607.59
 4123079.92       17.83010  (17120413)
       593647.59   4123079.92       16.06608  (17120413)               593687.59
 4123079.92       14.96251  (17112013)
       593727.59   4123079.92       22.03190  (17112013)               593767.59
 4123079.92       24.35641  (13111813)
       593807.59   4123079.92       26.58287  (13111813)               593847.59
 4123079.92       21.84108  (17042413)
       593887.59   4123079.92       22.86482  (17021313)               593927.59
 4123079.92       21.22137  (17021313)
       593967.59   4123079.92       16.94445  (17021313)               594007.59
 4123079.92       14.46922  (13111113)
       592567.59   4123119.92        0.99666  (16100313)               592607.59
 4123119.92        1.13360  (16100313)
       592647.59   4123119.92        1.28413  (16100313)               592687.59
 4123119.92        1.46084  (16100313)
       592727.59   4123119.92        1.66986  (16100313)               592767.59
 4123119.92        1.90936  (16100313)
       592807.59   4123119.92        2.17920  (16100313)               592847.59
 4123119.92        2.47988  (16100313)
       592887.59   4123119.92        3.15878  (16100313)               592927.59
 4123119.92        3.65725  (16100313)
       592967.59   4123119.92        4.50518  (16100313)               593007.59
 4123119.92        5.19614  (16100313)
       593047.59   4123119.92        5.91617  (16100313)               593087.59
 4123119.92        6.61044  (16100313)
       593127.59   4123119.92        7.19863  (16100313)               593167.59
 4123119.92        6.41728  (16100313)
       593207.59   4123119.92        6.61150  (16100313)               593247.59
 4123119.92        6.39029  (16100313)
       593287.59   4123119.92        5.15782  (16100313)               593327.59
 4123119.92        4.67251  (14120813)
       593367.59   4123119.92        4.95800  (14120813)               593407.59
 4123119.92        4.98257  (14120813)
       593447.59   4123119.92        4.66440  (14120813)               593487.59
 4123119.92        4.51216  (16050913)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENS     ***
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INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593527.59	4123119.92	7.06845	(16050913)	593567.59	4123119.92	13.49020	(17120413)
593607.59	4123119.92	20.78467	(17120413)	593647.59	4123119.92	17.93828	(17120413)
593687.59	4123119.92	19.00296	(17112013)	593727.59	4123119.92	27.20318	(17112013)
593767.59	4123119.92	30.16944	(13111813)	593807.59	4123119.92	27.80989	(13111813)
593847.59	4123119.92	26.98692	(17021313)	593887.59	4123119.92	25.68623	(17021313)
593927.59	4123119.92	20.43031	(17021313)	593967.59	4123119.92	17.69817	(15120713)
594007.59	4123119.92	18.20189	(15120713)	592567.59	4123159.92	0.83129	(16100313)
592607.59	4123159.92	0.95383	(16100313)	592647.59	4123159.92	1.09543	(16100313)
592687.59	4123159.92	1.25329	(16100313)	592727.59	4123159.92	1.45006	(16100313)
592767.59	4123159.92	1.68629	(16100313)	592807.59	4123159.92	1.96573	(16100313)
592847.59	4123159.92	2.29246	(16100313)	592887.59	4123159.92	2.67020	(16100313)
592927.59	4123159.92	3.09758	(16100313)	592967.59	4123159.92	4.17521	(16100313)
593007.59	4123159.92	4.93552	(16100313)	593047.59	4123159.92	6.18391	(16100313)
593087.59	4123159.92	7.23613	(16100313)	593127.59	4123159.92	8.31246	(16100313)
593167.59	4123159.92	9.29591	(16100313)	593207.59	4123159.92	10.02527	(16100313)
593247.59	4123159.92	8.67138	(16100313)	593287.59	4123159.92	8.61670	(16100313)
593327.59	4123159.92	7.73812	(16100313)	593367.59	4123159.92	5.66010	(14120813)
593407.59	4123159.92	6.00044	(14120813)	593447.59	4123159.92	5.92302	(14120813)
593487.59	4123159.92	5.29927	(14120813)	593527.59			

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 4123159.92         8.62518  (16050913)
       593567.59   4123159.92       15.32283  (17120413)                593607.59
 4123159.92       24.24594  (17120413)
       593647.59   4123159.92       19.63395  (17120413)                593687.59
 4123159.92       27.46143  (17112013)
       593727.59   4123159.92       32.51361  (17112013)                593767.59
 4123159.92       33.98834  (13111813)
       593807.59   4123159.92       31.69850  (17021313)                593847.59
 4123159.92       31.22168  (17021313)
       593887.59   4123159.92       24.77514  (17021313)                593927.59
 4123159.92       22.35832  (15120713)
       593967.59   4123159.92       22.29381  (15120713)                594007.59
 4123159.92       21.58322  (14042113)
       592567.59   4123199.92        0.80488  (16041813)                592607.59
 4123199.92        0.85005  (16041813)
       592647.59   4123199.92        0.89876  (16041813)                592687.59
 4123199.92        1.02660  (16100313)
       592727.59   4123199.92        1.19164  (16100313)                592767.59
 4123199.92        1.40015  (16100313)
       592807.59   4123199.92        1.65586  (16100313)                592847.59
 4123199.92        1.97125  (16100313)
       592887.59   4123199.92        2.35281  (16100313)                592927.59
 4123199.92        2.81209  (16100313)
       592967.59   4123199.92        3.35423  (16100313)                593007.59
 4123199.92        3.97738  (16100313)
       593047.59   4123199.92        5.67346  (16100313)                593087.59
 4123199.92        6.85338  (16100313)
       593127.59   4123199.92        8.71666  (16100313)                593167.59
 4123199.92       10.34523  (16100313)
       593207.59   4123199.92       11.96418  (16100313)                593247.59
 4123199.92       13.32242  (16100313)
       593287.59   4123199.92       14.05921  (16100313)                593327.59
 4123199.92       11.66027  (16100313)
       593367.59   4123199.92       10.67076  (16100313)                593407.59
 4123199.92        8.24306  (16100313)
       593447.59   4123199.92        7.39092  (14120813)                593487.59
 4123199.92        7.04395  (14120813)
       593527.59   4123199.92       10.38969  (16050913)                593567.59
 4123199.92       17.37989  (17120413)
       593607.59   4123199.92       28.32609  (17120413)                593647.59
 4123199.92       23.63246  (14040713)
       593687.59   4123199.92       34.57633  (17112013)                593727.59
 4123199.92       38.19604  (13111813)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                      ***        08:18:36

                                 PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	36.46798	(17021313)	593807.59	4123199.92	37.84415	(17021313)
593847.59	4123199.92	30.11958	(17021313)	593887.59	4123199.92	28.34592	(15120713)
593927.59	4123199.92	27.32709	(14042113)	593967.59	4123199.92	25.56848	(14042113)
594007.59	4123199.92	21.59051	(16030713)	592567.59	4123239.92	0.86613	(16041813)
592607.59	4123239.92	0.91968	(16041813)	592647.59	4123239.92	0.97945	(16041813)
592687.59	4123239.92	1.04256	(16041813)	592727.59	4123239.92	1.10908	(16041813)
592767.59	4123239.92	1.18331	(16041813)	592807.59	4123239.92	1.30574	(16100313)
592847.59	4123239.92	1.56790	(16100313)	592887.59	4123239.92	1.89537	(16100313)
592927.59	4123239.92	2.31749	(16100313)	592967.59	4123239.92	2.85145	(16100313)
593007.59	4123239.92	3.50628	(16100313)	593047.59	4123239.92	4.30143	(16100313)
593087.59	4123239.92	5.23631	(16100313)	593127.59	4123239.92	6.30704	(16100313)
593167.59	4123239.92	9.74377	(16100313)	593207.59	4123239.92	12.59607	(16100313)
593247.59	4123239.92	15.18740	(16100313)	593287.59	4123239.92	17.63983	(16100313)
593327.59	4123239.92	19.34758	(16100313)	593367.59	4123239.92	19.52366	(16100313)
593407.59	4123239.92	14.77521	(16100313)	593447.59	4123239.92	11.10403	(16100313)
593487.59	4123239.92	9.60150	(15100513)	593527.59	4123239.92	11.97228	(16050913)
593567.59	4123239.92	20.02227	(16050913)	593607.59	4123239.92	34.39039	(17120413)

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       593647.59   4123239.92       28.40913  (14040713)                593687.59
 4123239.92       41.30551  (17112013)
       593727.59   4123239.92       40.79200  (17021313)                593767.59
 4123239.92       45.06021  (17021313)
       593807.59   4123239.92       36.10506  (17021313)                593847.59
 4123239.92       35.64681  (15120713)
       593887.59   4123239.92       33.92859  (14042113)                593927.59
 4123239.92       29.24795  (14042113)
       593967.59   4123239.92       25.67618  (16120513)                594007.59
 4123239.92       24.56088  (16120513)
       592567.59   4123279.92        0.91525  (16041813)                592607.59
 4123279.92        0.97628  (16041813)
       592647.59   4123279.92        1.04432  (16041813)                592687.59
 4123279.92        1.11843  (16041813)
       592727.59   4123279.92        1.19909  (16041813)                592767.59
 4123279.92        1.28598  (16041813)
       592807.59   4123279.92        1.38656  (16041813)                592847.59
 4123279.92        1.50220  (16041813)
       592887.59   4123279.92        1.62997  (16041813)                592927.59
 4123279.92        1.78058  (16041813)
       592967.59   4123279.92        2.16956  (16100313)                593007.59
 4123279.92        2.73049  (16100313)
       593047.59   4123279.92        3.46375  (16100313)                593087.59
 4123279.92        4.40351  (16100313)
       593127.59   4123279.92        5.58467  (16100313)                593167.59
 4123279.92        7.02251  (16100313)
       593207.59   4123279.92        8.72142  (16100313)                593247.59
 4123279.92       14.12928  (16100313)
       593287.59   4123279.92       18.65686  (16100313)                593327.59
 4123279.92       22.96684  (16100313)
       593367.59   4123279.92       26.78849  (16100313)                593407.59
 4123279.92       28.32237  (16100313)
       593447.59   4123279.92       25.33242  (16100313)                593487.59
 4123279.92       16.62936  (15100513)
       593527.59   4123279.92       14.92184  (15100513)                593567.59
 4123279.92       27.17733  (13030413)
       593607.59   4123279.92       40.43601  (17120413)                593647.59
 4123279.92       59.88408  (14122913)
       593687.59   4123279.92       51.45014  (17021313)                593727.59
 4123279.92       52.74662  (17021313)
       593767.59   4123279.92       43.98511  (13111113)                593807.59
 4123279.92       43.05140  (15120713)
       593847.59   4123279.92       39.86256  (14042113)                593887.59
 4123279.92       35.09293  (16120513)
       593927.59   4123279.92       33.17068  (16120513)                593967.59
 4123279.92       29.01304  (16120513)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS   ***
INCLUDING SOURCE(S):   STCK1   , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123279.92	24.20638	(16120513)	592567.59	4123319.92	0.94970	(16041813)
592607.59	4123319.92	1.01555	(16041813)	592647.59	4123319.92	1.08922	(16041813)
592687.59	4123319.92	1.17108	(16041813)	592727.59	4123319.92	1.26263	(16041813)
592767.59	4123319.92	1.36334	(16041813)	592807.59	4123319.92	1.47399	(16041813)
592847.59	4123319.92	1.60557	(16041813)	592887.59	4123319.92	1.75507	(16041813)
592927.59	4123319.92	1.93391	(16041813)	592967.59	4123319.92	2.13747	(16041813)
593007.59	4123319.92	2.37396	(16041813)	593047.59	4123319.92	2.65383	(16041813)
593087.59	4123319.92	3.14784	(16100313)	593127.59	4123319.92	4.13617	(16100313)
593167.59	4123319.92	5.46219	(16100313)	593207.59	4123319.92	7.20175	(16100313)
593247.59	4123319.92	9.42838	(16100313)	593287.59	4123319.92	12.17706	(16100313)
593327.59	4123319.92	20.82607	(16100313)	593367.59	4123319.92	28.68569	(16100313)
593407.59	4123319.92	36.02990	(16100313)	593447.59	4123319.92	41.60366	(16100313)
593487.59	4123319.92	39.72771	(16100313)	593527.59	4123319.92	58.49217	(15100513)
593567.59	4123319.92	50.90968	(14040713)	593607.59	4123319.92	49.45372	(14040713)
593647.59	4123319.92	67.20622	(14122913)	593687.59	4123319.92	97.62770	(15113013)
593727.59	4123319.92	80.45085	(15113013)	593767.59			

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 4123319.92       50.86964  (14042113)
       593807.59   4123319.92       46.93725  (16120513)                593847.59
 4123319.92       43.85258  (16120513)
       593887.59   4123319.92       37.21600  (16120513)                593927.59
 4123319.92       29.72413  (16120513)
       593967.59   4123319.92       22.92047  (16120513)                594007.59
 4123319.92       18.84681  (16020113)
       592567.59   4123359.92        0.96510  (16041813)                592607.59
 4123359.92        1.03422  (16041813)
       592647.59   4123359.92        1.11138  (16041813)                592687.59
 4123359.92        1.19787  (16041813)
       592727.59   4123359.92        1.29557  (16041813)                592767.59
 4123359.92        1.40540  (16041813)
       592807.59   4123359.92        1.52599  (16041813)                592847.59
 4123359.92        1.66575  (16041813)
       592887.59   4123359.92        1.83078  (16041813)                592927.59
 4123359.92        2.02812  (16041813)
       592967.59   4123359.92        2.25393  (16041813)                593007.59
 4123359.92        2.52236  (16041813)
       593047.59   4123359.92        2.84050  (16041813)                593087.59
 4123359.92        3.22339  (16041813)
       593127.59   4123359.92        3.68452  (16041813)                593167.59
 4123359.92        4.24013  (16041813)
       593207.59   4123359.92        4.91016  (16041813)                593247.59
 4123359.92        6.34930  (16100313)
       593287.59   4123359.92        8.77488  (16100313)                593327.59
 4123359.92       12.09001  (16100313)
       593367.59   4123359.92       16.47741  (16100313)                593407.59
 4123359.92       30.25007  (16100313)
       593447.59   4123359.92       43.12668  (16100313)                593487.59
 4123359.92       64.59665  (16100313)
       593527.59   4123359.92      110.63657  (16100313)                593567.59
 4123359.92       82.67643  (13030413)
       593607.59   4123359.92       73.92475  (13030413)                593647.59
 4123359.92       71.64812  (15113013)
       593687.59   4123359.92      104.26886  (15031613)                593727.59
 4123359.92      101.43981  (16120513)
       593767.59   4123359.92       54.60832  (16120513)                593807.59
 4123359.92       43.48057  (16120513)
       593847.59   4123359.92       34.03833  (15122813)                593887.59
 4123359.92       28.29489  (16012513)
       593927.59   4123359.92       26.73127  (16012513)                593967.59
 4123359.92       24.62883  (16012513)
       594007.59   4123359.92       22.40310  (16012513)                592567.59
 4123399.92        1.22013  (17022013)
       592607.59   4123399.92        1.38565  (17022013)                592647.59
 4123399.92        1.57739  (17022013)
       592687.59   4123399.92        1.79873  (17022013)                592727.59
 4123399.92        2.05704  (17022013)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	2.35130	(17022013)	592807.59	4123399.92	2.68403	(17022013)
592847.59	4123399.92	3.06046	(17022013)	592887.59	4123399.92	3.49445	(17022013)
592927.59	4123399.92	3.98486	(17022013)	592967.59	4123399.92	4.53260	(17022013)
593007.59	4123399.92	5.13763	(17022013)	593047.59	4123399.92	5.80144	(17022013)
593087.59	4123399.92	6.52344	(17022013)	593127.59	4123399.92	7.26812	(17022013)
593167.59	4123399.92	8.91550	(17022013)	593207.59	4123399.92	9.96681	(17022013)
593247.59	4123399.92	11.08285	(17022013)	593287.59	4123399.92	12.17474	(17022013)
593327.59	4123399.92	13.05850	(17022013)	593367.59	4123399.92	13.41868	(17022013)
593407.59	4123399.92	12.86567	(17022013)	593447.59	4123399.92	18.30196	(16100313)
593487.59	4123399.92	90.83892	(16100313)	593527.59	4123399.92	109.20173	(16100313)
593567.59	4123399.92	94.30741	(14121513)	593607.59	4123399.92	134.64144	(14121513)
593647.59	4123399.92	76.93314	(14121513)	593687.59	4123399.92	94.49367	(14122213)
593727.59	4123399.92	83.77808	(17121813)	593767.59	4123399.92	45.93900	(16012513)
593807.59	4123399.92	42.58603	(16012513)	593847.59	4123399.92	38.25409	(16012513)

593887.59 4123399.92 34.03204 (16012513) 593927.59
4123399.92 29.86878 (16012513)
593967.59 4123399.92 26.14628 (16012513) 594007.59
4123399.92 22.94743 (16012513)
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4123439.92 2.32903 (17022013)
592647.59 4123439.92 2.64073 (17022013) 592687.59
4123439.92 2.99674 (17022013)
592727.59 4123439.92 3.40429 (17022013) 592767.59
4123439.92 3.86592 (17022013)
592807.59 4123439.92 4.38941 (17022013) 592847.59
4123439.92 4.97890 (17022013)
592887.59 4123439.92 6.11726 (17022013) 592927.59
4123439.92 7.01582 (17022013)
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4123439.92 9.31236 (17022013)
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592767.59 4123479.92 5.61786 (17022013) 592807.59
4123479.92 6.39412 (17022013)
592847.59 4123479.92 7.29158 (17022013) 592887.59
4123479.92 8.33586 (17022013)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	12.63955	(17022013)	593047.59	4123479.92	14.57728	(17022013)
593087.59	4123479.92	16.83624	(17022013)	593127.59	4123479.92	19.42412	(17022013)
593167.59	4123479.92	22.31983	(17022013)	593207.59	4123479.92	25.57794	(17022013)
593247.59	4123479.92	29.12977	(17022013)	593287.59	4123479.92	32.65007	(17022013)
593327.59	4123479.92	35.32919	(17022013)	593367.59	4123479.92	35.48521	(17022013)
593407.59	4123479.92	40.19337	(17032013)	593447.59	4123479.92	46.99162	(15122113)
593487.59	4123479.92	49.93680	(14120113)	593527.59	4123479.92	37.40531	(14030313)
593567.59	4123479.92	39.85025	(17020613)	593607.59	4123479.92	33.82780	(17020613)
593647.59	4123479.92	16.92116	(13102813)	593687.59	4123479.92	30.88827	(13102813)
593727.59	4123479.92	29.89622	(13102813)	593767.59	4123479.92	35.23667	(13102813)
593807.59	4123479.92	32.05532	(13102813)	593847.59	4123479.92	31.29777	(14122213)
593887.59	4123479.92	33.27233	(15011913)	593927.59	4123479.92	32.16707	(15011913)
593967.59	4123479.92	30.21174	(15011913)	594007.59			

4123479.92 27.93375 (15011913)
592567.59 4123519.92 3.82417 (17022013) 592607.59
4123519.92 4.27202 (17022013)
592647.59 4123519.92 4.78035 (17022013) 592687.59
4123519.92 5.36082 (17022013)
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593127.59 4123519.92 19.12704 (17022013) 593167.59
4123519.92 20.82920 (17022013)
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593287.59 4123519.92 29.56768 (17032013) 593327.59
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593927.59 4123519.92 18.05894 (13102813) 593967.59
4123519.92 15.96113 (15011913)
594007.59 4123519.92 17.29585 (14122213) 592567.59
4123559.92 4.35831 (17022013)
592607.59 4123559.92 4.81095 (17022013) 592647.59
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592767.59 4123559.92 7.16192 (17022013) 592807.59
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592847.59 4123559.92 8.69944 (17022013) 592887.59
4123559.92 9.55525 (17022013)
592927.59 4123559.92 10.44699 (17022013) 592967.59
4123559.92 11.33327 (17022013)
593007.59 4123559.92 12.20333 (17022013) 593047.59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENS ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	29.52036	(17032013)	593287.59	4123559.92	32.86992	(17032013)
593327.59	4123559.92	34.77508	(14120113)	593367.59	4123559.92	35.32053	(14120113)
593407.59	4123559.92	37.59324	(14030313)	593447.59	4123559.92	36.02380	(14030313)
593487.59	4123559.92	26.59631	(17020613)	593527.59	4123559.92	42.24541	(17020613)
593567.59	4123559.92	37.45742	(14033113)	593607.59	4123559.92	18.22270	(17072413)
593647.59	4123559.92	23.14745	(17072413)	593687.59	4123559.92	18.50370	(17072413)
593727.59	4123559.92	14.67285	(15110213)	593767.59	4123559.92	14.76172	(15110213)
593807.59	4123559.92	15.41228	(13021813)	593847.59	4123559.92	15.54606	(13021813)
593887.59	4123559.92	13.89489	(13021813)	593927.59	4123559.92	11.50753	(13021813)
593967.59	4123559.92	13.06239	(13102813)	594007.59	4123559.92	12.00759	(13102813)
592567.59	4123599.92	4.49827	(17022013)	592607.59	4123599.92	4.87783	(17022013)

592647.59 4123599.92 5.28515 (17022013) 592687.59
4123599.92 5.71983 (17022013)
592727.59 4123599.92 6.17929 (17022013) 592767.59
4123599.92 6.66016 (17022013)
592807.59 4123599.92 7.14752 (17022013) 592847.59
4123599.92 7.60379 (17022013)
592887.59 4123599.92 7.44629 (17022013) 592927.59
4123599.92 7.84148 (17022013)
592967.59 4123599.92 8.15514 (17022013) 593007.59
4123599.92 10.16777 (17032013)
593047.59 4123599.92 12.95016 (17032013) 593087.59
4123599.92 16.19175 (17032013)
593127.59 4123599.92 19.64710 (17032013) 593167.59
4123599.92 22.72441 (17032013)
593207.59 4123599.92 24.74207 (17032013) 593247.59
4123599.92 26.13812 (14120113)
593287.59 4123599.92 27.79258 (14120113) 593327.59
4123599.92 27.63409 (14030313)
593367.59 4123599.92 35.79867 (14030313) 593407.59
4123599.92 33.34277 (14030313)
593447.59 4123599.92 19.29559 (14030313) 593487.59
4123599.92 39.61321 (17020613)
593527.59 4123599.92 35.70842 (14033113) 593567.59
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593607.59 4123599.92 18.46499 (15091413) 593647.59
4123599.92 19.96104 (17041713)
593687.59 4123599.92 17.99143 (17041713) 593727.59
4123599.92 13.02338 (17072413)
593767.59 4123599.92 13.45075 (15110213) 593807.59
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593847.59 4123599.92 12.72908 (13021813) 593887.59
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4123639.92 31.13061 (14030313)
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4123639.92 19.55362 (17041713)

       594007.59   4123639.92   9.48515 (13021813)   593087.59
 4123679.92   15.20644 (14120113)
       593127.59   4123679.92   16.46029 (14120113)   593167.59
 4123679.92   16.45537 (14120113)
       593207.59   4123679.92   18.12161 (14030313)   593247.59
 4123679.92   23.59370 (14030313)
       593287.59   4123679.92   26.11026 (14030313)   593327.59
 4123679.92   23.25215 (14030313)
       593367.59   4123679.92   15.61574 (14030313)   593407.59
 4123679.92   21.98336 (17020613)
       593447.59   4123679.92   34.51751 (17020613)   593487.59
 4123679.92   31.46112 (17010913)
       593527.59   4123679.92   31.29157 (14033113)   593567.59
 4123679.92   22.65293 (15091413)
       593607.59   4123679.92   17.40547 (15091413)   593647.59
 4123679.92   17.70165 (13050613)
       593687.59   4123679.92   22.10316 (17041713)   593727.59
 4123679.92   18.37068 (17041713)
       593767.59   4123679.92   11.47932 (17041713)   593807.59

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4123679.92        9.48544  (15110213)
       593847.59   4123679.92       10.13958  (15110213)                593887.59
4123679.92        9.55539  (15110213)
       593927.59   4123679.92        8.42117  (13021813)                593967.59
4123679.92        8.92104  (13021813)
       594007.59   4123679.92        8.88815  (13021813)                593087.59
4123719.92       12.93169  (14120113)
       593127.59   4123719.92       12.29327  (14030313)                593167.59
4123719.92       16.76233  (14030313)
       593207.59   4123719.92       20.53643  (14030313)                593247.59
4123719.92       21.75015  (14030313)
       593287.59   4123719.92       19.15282  (14030313)                593327.59
4123719.92       13.40623  (14030313)
       593367.59   4123719.92       13.61620  (16011813)                593407.59
4123719.92       27.71157  (17020613)
       593447.59   4123719.92       31.14337  (17020613)                593487.59
4123719.92       26.30020  (17010913)
       593527.59   4123719.92       26.28823  (14033113)                593567.59
4123719.92       20.17561  (15091413)
       593607.59   4123719.92       15.58600  (15091413)                593647.59
4123719.92       15.62305  (13050613)
       593687.59   4123719.92       19.74338  (17041713)                593727.59
4123719.92       19.20248  (17041713)
       593767.59   4123719.92       13.65807  (17041713)                593807.59
4123719.92        7.47339  (17041713)
       593847.59   4123719.92        8.26221  (15110213)                593887.59
4123719.92        8.52280  (15110213)
       593927.59   4123719.92        8.03763  (15110213)                593967.59
4123719.92        7.09737  (15110213)
       594007.59   4123719.92        7.37435  (13021813)                593087.59
4123759.92       11.65802  (14030313)
       593127.59   4123759.92       15.03454  (14030313)                593167.59
4123759.92       17.55002  (14030313)
       593207.59   4123759.92       17.99347  (14030313)                593247.59
4123759.92       15.76159  (14030313)
       593287.59   4123759.92       11.12638  (14030313)                593327.59
4123759.92       10.58456  (16011813)
       593367.59   4123759.92       21.03148  (17020613)                593407.59
4123759.92       28.26979  (17020613)
       593447.59   4123759.92       27.34075  (17010913)                593487.59
4123759.92       25.03428  (14033113)
       593527.59   4123759.92       21.71178  (14033113)                593567.59
4123759.92       17.63873  (15091413)
       593607.59   4123759.92       13.72699  (15091413)                593647.59
4123759.92       13.25943  (13050613)
       593687.59   4123759.92       16.97168  (17041713)                593727.59
4123759.92       18.09296  (17041713)
       593767.59   4123759.92       14.60684  (17041713)                593807.59
4123759.92        9.12218  (17041713)
       593847.59   4123759.92        6.47667  (15110213)                593887.59
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 4123759.92        7.13934  (15110213)
       593927.59   4123759.92        7.23901  (15110213)                593967.59
 4123759.92        6.77606  (15110213)
       594007.59   4123759.92        6.03473  (15110213)                593087.59
 4123799.92       13.27243  (14030313)
       593127.59   4123799.92       14.88990  (14030313)                593167.59
 4123799.92       14.88089  (14030313)
       593207.59   4123799.92       12.99971  (14030313)                593247.59
 4123799.92        8.62621  (14030313)
       593287.59   4123799.92        8.10579  (16011813)                593327.59
 4123799.92       15.61948  (17020613)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 271
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENS     ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593367.59   4123799.92       23.45780  (17020613)                593407.59
 4123799.92       24.97681  (17020613)
       593447.59   4123799.92       23.45308  (17010913)                593487.59
 4123799.92       22.67226  (14033113)
       593527.59   4123799.92       17.76289  (14033113)                593567.59
 4123799.92       14.96241  (15091413)
       593607.59   4123799.92       11.95697  (15091413)                593647.59
 4123799.92       11.15772  (13050613)
       593687.59   4123799.92       14.10976  (17041713)                593727.59
 4123799.92       16.23011  (17041713)
       593767.59   4123799.92       14.36743  (17041713)                593807.59
 4123799.92       10.23835  (17041713)
       593847.59   4123799.92        5.59199  (17041713)                593887.59
 4123799.92        5.77792  (15110213)
       593927.59   4123799.92        6.15088  (15110213)                593967.59
 4123799.92        6.14389  (15110213)
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       594007.59   4123799.92        5.75678  (15110213)               593087.59
4123839.92       12.60250  (14030313)
       593127.59   4123839.92       12.34089  (14030313)               593167.59
4123839.92       10.76430  (14030313)
       593207.59   4123839.92        7.38104  (14030313)               593247.59
4123839.92        6.11802  (16011813)
       593287.59   4123839.92       10.75566  (16011813)               593327.59
4123839.92       18.55418  (17020613)
       593367.59   4123839.92       22.74487  (17020613)               593407.59
4123839.92       22.56754  (17010913)
       593447.59   4123839.92       18.89123  (17010913)               593487.59
4123839.92       19.83471  (14033113)
       593527.59   4123839.92       14.34320  (14033113)               593567.59
4123839.92       12.97368  (15091413)
       593607.59   4123839.92       10.31795  (15091413)               593647.59
4123839.92        9.33477  (13050613)
       593687.59   4123839.92       11.97397  (13050613)               593727.59
4123839.92       13.80200  (17041713)
       593767.59   4123839.92       13.62592  (17041713)               593807.59
4123839.92       10.73099  (17041713)
       593847.59   4123839.92        6.86410  (17041713)               593887.59
4123839.92        4.49152  (15110213)
       593927.59   4123839.92        5.07246  (15110213)               593967.59
4123839.92        5.28279  (15110213)
       594007.59   4123839.92        5.24637  (15110213)               593087.59
4123879.92       10.27668  (14030313)
       593127.59   4123879.92        8.95938  (14030313)               593167.59
4123879.92        6.31206  (14030313)
       593207.59   4123879.92        4.63418  (16011813)               593247.59
4123879.92        8.34530  (16011813)
       593287.59   4123879.92       14.11503  (17020613)               593327.59
4123879.92       19.16223  (17020613)
       593367.59   4123879.92       19.76938  (17020613)               593407.59
4123879.92       19.64055  (17010913)
       593447.59   4123879.92       17.50705  (14033113)               593487.59
4123879.92       16.94119  (14033113)
       593527.59   4123879.92       11.71901  (16032113)               593567.59
4123879.92       11.24068  (15091413)
       593607.59   4123879.92        8.91958  (15091413)               593647.59
4123879.92        7.82848  (13050613)
       593687.59   4123879.92       10.17403  (13050613)               593727.59
4123879.92       11.75125  (17041713)
       593767.59   4123879.92       12.31263  (17041713)               593807.59
4123879.92       10.58635  (17041713)
       593847.59   4123879.92        7.50527  (17041713)               593887.59
4123879.92        4.31986  (17041713)
       593927.59   4123879.92        4.05077  (15110213)               593967.59
4123879.92        4.44490  (15110213)
       594007.59   4123879.92        4.56527  (15110213)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592567.59	4122799.92	91.69665	(17120508)	592607.59	4122799.92	87.48852	(14110707)
592647.59	4122799.92	84.25421	(14110707)	592687.59	4122799.92	88.82470	(15013007)
592727.59	4122799.92	101.65953	(15013007)	592767.59	4122799.92	110.14039	(15013007)
592807.59	4122799.92	112.07673	(15013007)	592847.59	4122799.92	110.42502	(13010808)
592887.59	4122799.92	119.17761	(13010808)	592927.59	4122799.92	118.06571	(13010808)
592967.59	4122799.92	113.05347	(15020708)	593007.59	4122799.92	105.77623	(15020708)
593047.59	4122799.92	87.63931	(15020708)	593087.59	4122799.92	85.28644	(15021808)
593127.59	4122799.92	90.51360	(15021808)	593167.59	4122799.92	91.70547	(15021808)
593207.59	4122799.92	81.44907	(13010117)	593247.59	4122799.92	91.85611	(17121217)
593287.59	4122799.92	103.66410	(17121217)	593327.59	4122799.92	105.07471	(17121217)
593367.59	4122799.92	98.68190	(13012218)	593407.59			

```
4122799.92      126.63986  (17122518)
       593447.59   4122799.92      146.17373  (17122518)                593487.59
4122799.92      147.05186  (16122217)
       593527.59   4122799.92      142.37481  (13121317)                593567.59
4122799.92      137.62169  (13122018)
       593607.59   4122799.92      135.36841  (17121318)                593647.59
4122799.92      128.00129  (17121318)
       593687.59   4122799.92      125.47490  (16120518)                593727.59
4122799.92      118.94384  (16120518)
       593767.59   4122799.92      113.22279  (14122618)                593807.59
4122799.92      111.43541  (14122618)
       593847.59   4122799.92      109.34949  (14010218)                593887.59
4122799.92      107.21037  (16110918)
       593927.59   4122799.92      103.23487  (16011518)                593967.59
4122799.92       97.86746  (15012618)
       594007.59   4122799.92       97.83048  (15012618)                592567.59
4122839.92       98.97261  (17120508)
       592607.59   4122839.92       98.31661  (17120508)                592647.59
4122839.92       95.47409  (17120508)
       592687.59   4122839.92       90.33303  (14110707)                592727.59
4122839.92       94.98715  (15013007)
       592767.59   4122839.92      107.05275  (15013007)                592807.59
4122839.92      117.44912  (15013007)
       592847.59   4122839.92      121.77903  (15013007)                592887.59
4122839.92      121.53195  (13010808)
       592927.59   4122839.92      127.72745  (13010808)                592967.59
4122839.92      124.98562  (13010808)
       593007.59   4122839.92      110.01703  (15020708)                593047.59
4122839.92       85.73740  (15020708)
       593087.59   4122839.92       84.82426  (15021808)                593127.59
4122839.92       94.67385  (15021808)
       593167.59   4122839.92       94.64917  (15021808)                593207.59
4122839.92       89.07815  (15021808)
       593247.59   4122839.92       97.71615  (17121217)                593287.59
4122839.92      112.61206  (17121217)
       593327.59   4122839.92      115.29895  (17121217)                593367.59
4122839.92      108.40813  (13012218)
       593407.59   4122839.92      141.45970  (17122518)                593447.59
4122839.92      160.50690  (17122518)
       593487.59   4122839.92      159.42563  (16122217)                593527.59
4122839.92      150.19819  (13121317)
       593567.59   4122839.92      146.58339  (13122018)                593607.59
4122839.92      144.62749  (17121318)
       593647.59   4122839.92      135.32407  (16120518)                593687.59
4122839.92      132.82818  (16120518)
       593727.59   4122839.92      121.34194  (14122618)                593767.59
4122839.92      121.54373  (14122618)
       593807.59   4122839.92      117.95264  (14010218)                593847.59
4122839.92      116.06659  (16110918)
       593887.59   4122839.92      111.96882  (16011518)                593927.59
```

4122839.92   105.64180 (15012618)
        593967.59   4122839.92   105.33967 (15012618)   594007.59
4122839.92   101.50307 (15012618)
        592567.59   4122879.92   100.33004 (17120508)   592607.59
4122879.92   104.19111 (17120508)
        592647.59   4122879.92   106.31820 (17120508)   592687.59
4122879.92   105.01846 (17120508)
        592727.59   4122879.92   98.16254 (17120508)   592767.59
4122879.92   99.71819 (15013007)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0006750   , L0006751   , L0006752   , L0006753   , L0006754   ,
L0006755   , L0006756   , L0006757   , L0006758   , L0006759   , L0006760   , L0006761   , L0006762   ,
L0006763   , L0006764   , L0006765   , L0006766   , L0006767   , L0006768   , L0006769   , L0006686   ,
L0006687   , L0006688   , L0006689   , L0006690   , L0006691   , L0006692   , L0006693   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
- -
        592807.59   4122879.92   116.12332 (15013007)   592847.59
4122879.92   124.47210 (15013007)
        592887.59   4122879.92   125.29662 (15013007)   592927.59
4122879.92   128.29060 (13010808)
        592967.59   4122879.92   133.98758 (13010808)   593007.59
4122879.92   124.69404 (13010808)
        593047.59   4122879.92   101.09651 (13010808)   593087.59
4122879.92   92.73675 (15020708)
        593127.59   4122879.92   99.06228 (15021808)   593167.59
4122879.92   102.08408 (15021808)
        593207.59   4122879.92   100.77744 (15021808)   593247.59
4122879.92   104.12018 (17121217)

593287.59 4122879.92 122.78329 (17121217) 593327.59
4122879.92 127.23955 (17121217)
593367.59 4122879.92 121.45094 (17122518) 593407.59
4122879.92 158.80760 (17122518)
593447.59 4122879.92 176.42009 (17122518) 593487.59
4122879.92 173.04472 (13121317)
593527.59 4122879.92 163.20529 (13122018) 593567.59
4122879.92 159.30144 (17121318)
593607.59 4122879.92 152.01731 (17121318) 593647.59
4122879.92 146.90905 (16120518)
593687.59 4122879.92 137.31540 (16120518) 593727.59
4122879.92 132.54174 (14122618)
593767.59 4122879.92 127.49079 (14010218) 593807.59
4122879.92 126.09022 (16110918)
593847.59 4122879.92 121.95512 (16011518) 593887.59
4122879.92 114.48960 (15012618)
593927.59 4122879.92 114.03056 (15012618) 593967.59
4122879.92 109.32912 (15012618)
594007.59 4122879.92 105.44711 (15120818) 592567.59
4122919.92 99.11061 (15013008)
592607.59 4122919.92 104.53359 (17120508) 592647.59
4122919.92 110.68827 (17120508)
592687.59 4122919.92 113.59068 (17120508) 592727.59
4122919.92 112.16033 (17120508)
592767.59 4122919.92 107.87653 (17120508) 592807.59
4122919.92 107.74175 (15013007)
592847.59 4122919.92 119.70457 (15013007) 592887.59
4122919.92 132.46467 (15013007)
592927.59 4122919.92 124.21535 (15013007) 592967.59
4122919.92 127.91915 (13010808)
593007.59 4122919.92 134.73335 (13010808) 593047.59
4122919.92 130.52907 (13010808)
593087.59 4122919.92 108.42609 (15020708) 593127.59
4122919.92 100.54312 (15021808)
593167.59 4122919.92 110.90411 (15021808) 593207.59
4122919.92 113.93924 (15021808)
593247.59 4122919.92 111.21762 (13010117) 593287.59
4122919.92 134.45952 (17121217)
593327.59 4122919.92 141.42702 (17121217) 593367.59
4122919.92 138.33737 (17122518)
593407.59 4122919.92 179.27311 (17122518) 593447.59
4122919.92 194.12909 (17122518)
593487.59 4122919.92 187.84213 (13121317) 593527.59
4122919.92 177.82050 (13122018)
593567.59 4122919.92 173.06545 (17121318) 593607.59
4122919.92 160.52785 (16120518)
593647.59 4122919.92 155.98493 (16120518) 593687.59
4122919.92 144.47380 (14122618)
593727.59 4122919.92 140.94010 (14122618) 593767.59
4122919.92 137.80539 (14010218)

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       593807.59   4122919.92      133.37955  (16011518)                593847.59
 4122919.92      124.60029  (15012618)
       593887.59   4122919.92      123.97092  (15012618)                593927.59
 4122919.92      118.40129  (15012618)
       593967.59   4122919.92      113.93057  (15120818)                594007.59
 4122919.92      106.93313  (14010808)
       592567.59   4122959.92      103.34872  (14110207)                592607.59
 4122959.92      106.27130  (14110207)
       592647.59   4122959.92      109.60548  (15013008)                592687.59
 4122959.92      116.49862  (17120508)
       592727.59   4122959.92      121.08734  (17120508)                592767.59
 4122959.92      122.64482  (17120508)
       592807.59   4122959.92      119.62296  (17120508)                592847.59
 4122959.92      109.61636  (17120508)
       592887.59   4122959.92      129.49107  (15013007)                592927.59
 4122959.92      138.07908  (15013007)
       592967.59   4122959.92      133.73973  (13010808)                593007.59
 4122959.92      132.19806  (13010808)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593047.59   4122959.92      134.62607  (13010808)                593087.59
 4122959.92      129.72151  (13010808)
       593127.59   4122959.92      101.82692  (13010808)                593167.59
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4122959.92 119.03020 (15021808)
593207.59 4122959.92 128.56799 (15021808) 593247.59
4122959.92 123.54389 (13010117)
593287.59 4122959.92 148.26780 (17121217) 593327.59
4122959.92 158.60171 (17121217)
593367.59 4122959.92 159.16745 (17122518) 593407.59
4122959.92 203.51657 (17122518)
593447.59 4122959.92 213.45953 (17122518) 593487.59
4122959.92 202.59137 (13121317)
593527.59 4122959.92 191.45936 (13122018) 593567.59
4122959.92 184.78977 (17121318)
593607.59 4122959.92 175.57358 (16120518) 593647.59
4122959.92 161.35991 (16120518)
593687.59 4122959.92 156.95910 (14122618) 593727.59
4122959.92 151.88229 (14010218)
593767.59 4122959.92 146.79335 (16011518) 593807.59
4122959.92 136.98229 (16011518)
593847.59 4122959.92 135.43625 (15012618) 593887.59
4122959.92 128.80002 (15012618)
593927.59 4122959.92 123.66756 (15120818) 593967.59
4122959.92 115.56288 (15011007)
594007.59 4122959.92 112.21535 (17120717) 592567.59
4122999.92 91.02078 (14110207)
592607.59 4122999.92 110.12798 (14110207) 592647.59
4122999.92 114.57222 (14110207)
592687.59 4122999.92 115.66369 (15013008) 592727.59
4122999.92 122.31427 (17120508)
592767.59 4122999.92 128.11643 (17120508) 592807.59
4122999.92 131.88699 (17120508)
592847.59 4122999.92 129.20283 (17120508) 592887.59
4122999.92 122.45650 (17120508)
592927.59 4122999.92 135.64622 (15013007) 592967.59
4122999.92 140.40475 (15013007)
593007.59 4122999.92 135.82201 (13010808) 593047.59
4122999.92 149.17035 (13010808)
593087.59 4122999.92 155.61277 (13010808) 593127.59
4122999.92 127.33880 (13010808)
593167.59 4122999.92 125.72974 (15021808) 593207.59
4122999.92 144.10952 (15021808)
593247.59 4122999.92 142.30336 (15021808) 593287.59
4122999.92 164.56662 (17121217)
593327.59 4122999.92 179.66629 (17121217) 593367.59
4122999.92 185.22603 (17122518)
593407.59 4122999.92 232.34715 (17122518) 593447.59
4122999.92 236.30532 (16122217)
593487.59 4122999.92 219.69577 (13122018) 593527.59
4122999.92 212.05310 (17121318)
593567.59 4122999.92 195.23245 (16120518) 593607.59
4122999.92 187.37346 (16120518)
593647.59 4122999.92 174.87385 (14122618) 593687.59

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 4122999.92      167.94824  (14010218)
       593727.59   4122999.92      162.37603  (16011518)                593767.59
 4122999.92      152.22865  (16011518)
       593807.59   4122999.92      148.79695  (15012618)                593847.59
 4122999.92      140.85723  (15120818)
       593887.59   4122999.92      134.61035  (15120818)                593927.59
 4122999.92      126.02014  (17120717)
       593967.59   4122999.92      121.60235  (17120717)                594007.59
 4122999.92      115.97760  (14112618)
       592567.59   4123039.92       82.34215  (14122708)                592607.59
 4123039.92      104.71076  (14110207)
       592647.59   4123039.92      115.87825  (14110207)                592687.59
 4123039.92      122.38890  (14110207)
       592727.59   4123039.92      125.37132  (14110207)                592767.59
 4123039.92      127.02037  (15013008)
       592807.59   4123039.92      135.58928  (17120508)                592847.59
 4123039.92      142.55862  (17120508)
       592887.59   4123039.92      141.97109  (17120508)                592927.59
 4123039.92      132.06301  (17120508)
       592967.59   4123039.92      137.97713  (15013007)                593007.59
 4123039.92      131.10741  (13010808)
       593047.59   4123039.92      145.76386  (13010808)                593087.59
 4123039.92      174.06715  (13010808)
       593127.59   4123039.92      156.93401  (13010808)                593167.59
 4123039.92      138.80218  (13010808)
       593207.59   4123039.92      160.00809  (15021808)                593247.59
 4123039.92      167.72912  (15021808)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        08:18:36

                                    PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593287.59	4123039.92	184.13791	(17121217)	593327.59	4123039.92	206.01442	(17121217)
593367.59	4123039.92	217.90513	(17122518)	593407.59	4123039.92	266.52547	(17122518)
593447.59	4123039.92	263.32802	(16122217)	593487.59	4123039.92	244.04810	(13122018)
593527.59	4123039.92	231.27878	(17121318)	593567.59	4123039.92	215.51695	(16120518)
593607.59	4123039.92	195.19861	(14122618)	593647.59	4123039.92	188.49938	(14122618)
593687.59	4123039.92	181.87576	(14010218)	593727.59	4123039.92	171.50010	(16011518)
593767.59	4123039.92	165.54838	(15012618)	593807.59	4123039.92	156.26430	(15120818)
593847.59	4123039.92	147.41813	(15120818)	593887.59	4123039.92	138.46674	(17120717)
593927.59	4123039.92	132.05807	(17120717)	593967.59	4123039.92	128.10345	(14112618)
594007.59	4123039.92	124.20536	(14112618)	592567.59	4123079.92	75.23041	(14122708)
592607.59	4123079.92	99.33774	(14122708)	592647.59	4123079.92	113.78340	(14122708)
592687.59	4123079.92	119.26546	(14110207)	592727.59	4123079.92	126.11692	(14110207)
592767.59	4123079.92	129.83109	(14110207)	592807.59	4123079.92	135.51944	(15013008)
592847.59	4123079.92	145.24127	(17120508)	592887.59	4123079.92	152.56196	(17120508)
592927.59	4123079.92	149.26973	(17120508)	592967.59	4123079.92	138.69021	(17120508)
593007.59	4123079.92	125.87624	(17120508)	593047.59	4123079.92	145.44404	(13010808)
593087.59	4123079.92	172.12223	(13010808)	593127.59	4123079.92	186.30246	(13010808)
593167.59	4123079.92	179.22359	(13010808)	593207.59	4123079.92	174.63812	(15021808)
593247.59	4123079.92	197.68108	(15021808)	593287.59	4123079.92	208.19236	(17121217)
593327.59	4123079.92	239.78702	(17121217)	593367.59	4123079.92	259.16173	(17122518)
593407.59	4123079.92	307.55637	(17122518)	593447.59	4123079.92	294.36589	(13121317)
593487.59	4123079.92	268.43799	(17121318)	593527.59	4123079.92	247.42658	(17121318)

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       593567.59   4123079.92      232.05977  (16120518)                593607.59
 4123079.92      216.04629  (14122618)
       593647.59   4123079.92      206.72385  (14010218)                593687.59
 4123079.92      194.95801  (16011518)
       593727.59   4123079.92      186.31390  (15012618)                593767.59
 4123079.92      175.48718  (15120818)
       593807.59   4123079.92      163.69962  (15120818)                593847.59
 4123079.92      153.10356  (17120717)
       593887.59   4123079.92      145.31454  (14112618)                593927.59
 4123079.92      141.46643  (14112618)
       593967.59   4123079.92      134.71599  (13111118)                594007.59
 4123079.92      129.00842  (13111118)
       592567.59   4123119.92       69.75168  (16122107)                592607.59
 4123119.92       73.83140  (14122708)
       592647.59   4123119.92      110.89129  (14122708)                592687.59
 4123119.92      122.73333  (14122708)
       592727.59   4123119.92      124.88014  (14122708)                592767.59
 4123119.92      128.84147  (14110207)
       592807.59   4123119.92      139.42109  (14110207)                592847.59
 4123119.92      145.14349  (14110207)
       592887.59   4123119.92      152.25800  (15013008)                592927.59
 4123119.92      146.92250  (15013008)
       592967.59   4123119.92      156.20943  (17120508)                593007.59
 4123119.92      150.40567  (17120508)
       593047.59   4123119.92      148.67969  (17120508)                593087.59
 4123119.92      177.41608  (13010808)
       593127.59   4123119.92      210.48537  (13010808)                593167.59
 4123119.92      223.96379  (13010808)
       593207.59   4123119.92      205.97419  (13010808)                593247.59
 4123119.92      232.34493  (15021808)
       593287.59   4123119.92      238.98341  (17121217)                593327.59
 4123119.92      284.34942  (17121217)
       593367.59   4123119.92      311.76415  (17122518)                593407.59
 4123119.92      357.88184  (17122518)
       593447.59   4123119.92      327.55882  (13121317)                593487.59
 4123119.92      301.02873  (17121318)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 276
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
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                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        593527.59   4123119.92      275.14918  (16120518)               593567.59
 4123119.92      248.24704  (14122618)
        593607.59   4123119.92      237.03964  (14010218)               593647.59
 4123119.92      224.26006  (16011518)
        593687.59   4123119.92      212.32567  (15012618)               593727.59
 4123119.92      199.58262  (15120818)
        593767.59   4123119.92      184.02784  (15120818)               593807.59
 4123119.92      171.23351  (17120717)
        593847.59   4123119.92      163.30373  (14112618)               593887.59
 4123119.92      155.79008  (14112618)
        593927.59   4123119.92      148.10067  (13111118)               593967.59
 4123119.92      138.44208  (13111118)
        594007.59   4123119.92      129.36234  (13011618)               592567.59
 4123159.92       73.00951  (17011308)
        592607.59   4123159.92       75.68713  (16122107)               592647.59
 4123159.92       79.11895  (16122107)
        592687.59   4123159.92      120.37788  (14122708)               592727.59
 4123159.92      130.67362  (14122708)
        592767.59   4123159.92      137.37841  (14122708)               592807.59
 4123159.92      140.76948  (14122708)
        592847.59   4123159.92      147.01145  (14110207)               592887.59
 4123159.92      147.12494  (14110207)
        592927.59   4123159.92      150.42228  (15013008)               592967.59
 4123159.92      155.79974  (15013008)
        593007.59   4123159.92      168.89139  (15013008)               593047.59
 4123159.92      181.49787  (17120508)
        593087.59   4123159.92      186.14391  (17120508)               593127.59
 4123159.92      223.47330  (13010808)
        593167.59   4123159.92      265.14028  (13010808)               593207.59
 4123159.92      276.15230  (13010808)
        593247.59   4123159.92      271.15825  (15021808)               593287.59
 4123159.92      290.95959  (15021808)
        593327.59   4123159.92      344.64707  (17121217)               593367.59
 4123159.92      380.16198  (17122518)
        593407.59   4123159.92      420.63282  (16122217)               593447.59
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 4123159.92      369.54504  (13122018)
       593487.59   4123159.92      333.42869  (17121318)                593527.59
 4123159.92      304.49949  (16120518)
       593567.59   4123159.92      278.16226  (14122618)                593607.59
 4123159.92      263.56934  (14010218)
       593647.59   4123159.92      247.23311  (15012618)                593687.59
 4123159.92      232.22792  (15120818)
       593727.59   4123159.92      210.40127  (15120818)                593767.59
 4123159.92      194.12149  (14112618)
       593807.59   4123159.92      185.04661  (14112618)                593847.59
 4123159.92      173.44258  (13111118)
       593887.59   4123159.92      161.69218  (13111118)                593927.59
 4123159.92      148.68448  (17121418)
       593967.59   4123159.92      140.79874  (16121107)                594007.59
 4123159.92      132.56135  (16121107)
       592567.59   4123199.92       80.32055  (17011308)                592607.59
 4123199.92       83.02538  (17011308)
       592647.59   4123199.92       85.70476  (17011308)                592687.59
 4123199.92       93.45286  (17011308)
       592727.59   4123199.92      128.10807  (16111407)                592767.59
 4123199.92      138.09202  (14122708)
       592807.59   4123199.92      147.84536  (14122708)                592847.59
 4123199.92      132.43994  (14122708)
       592887.59   4123199.92      138.34831  (14122708)                592927.59
 4123199.92      135.81613  (14122708)
       592967.59   4123199.92      155.36918  (15013008)                593007.59
 4123199.92      180.68798  (15013008)
       593047.59   4123199.92      205.21556  (15013008)                593087.59
 4123199.92      229.11864  (17120508)
       593127.59   4123199.92      246.03336  (17120508)                593167.59
 4123199.92      296.34247  (13010808)
       593207.59   4123199.92      351.84287  (13010808)                593247.59
 4123199.92      382.93979  (15021717)
       593287.59   4123199.92      382.46505  (15021808)                593327.59
 4123199.92      427.08746  (17121217)
       593367.59   4123199.92      481.48395  (17122518)                593407.59
 4123199.92      504.48426  (16122217)
       593447.59   4123199.92      419.75354  (13122018)                593487.59
 4123199.92      375.71039  (16120518)
       593527.59   4123199.92      339.44058  (14122618)                593567.59
 4123199.92      323.19831  (14010218)
       593607.59   4123199.92      298.40833  (15012618)                593647.59
 4123199.92      282.18799  (15120818)
       593687.59   4123199.92      246.93500  (15120818)                593727.59
 4123199.92      225.79764  (14112618)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc                ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       08:18:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 ,
L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 ,
L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 ,
L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	209.67533	(13111118)	593807.59	4123199.92	194.32054	(13111118)
593847.59	4123199.92	176.32244	(13111118)	593887.59	4123199.92	164.95757	(16121107)
593927.59	4123199.92	153.34511	(17121518)	593967.59	4123199.92	144.94333	(17121518)
594007.59	4123199.92	138.27883	(17120307)	592567.59	4123239.92	88.01235	(15120907)
592607.59	4123239.92	91.19337	(15120907)	592647.59	4123239.92	94.51255	(17011308)
592687.59	4123239.92	97.64497	(17011308)	592727.59	4123239.92	102.13812	(15120907)
592767.59	4123239.92	138.55706	(16111407)	592807.59	4123239.92	140.62628	(16111407)
592847.59	4123239.92	133.45730	(14122708)	592887.59	4123239.92	166.00316	(14122708)
592927.59	4123239.92	146.33584	(14122708)	592967.59	4123239.92	159.19766	(14122708)
593007.59	4123239.92	175.30973	(15013008)	593047.59	4123239.92	213.84271	(15013008)
593087.59	4123239.92	256.75305	(15013008)	593127.59	4123239.92	312.09534	(17120508)
593167.59	4123239.92	305.01876	(17120508)	593207.59	4123239.92	369.19748	(13010808)
593247.59	4123239.92	443.83332	(13010808)	593287.59	4123239.92	530.25157	(15021717)

593327.59 4123239.92 458.72409 (17121417) 593367.59
4123239.92 640.66337 (17122518)
593407.59 4123239.92 524.44970 (16122217) 593447.59
4123239.92 426.90186 (13111407)
593487.59 4123239.92 404.58224 (16120518) 593527.59
4123239.92 348.77838 (14010218)
593567.59 4123239.92 349.16877 (13121617) 593607.59
4123239.92 352.87081 (14012018)
593647.59 4123239.92 307.85038 (13110207) 593687.59
4123239.92 266.39571 (16121108)
593727.59 4123239.92 242.59812 (13111118) 593767.59
4123239.92 218.42914 (13111118)
593807.59 4123239.92 198.72293 (16121107) 593847.59
4123239.92 183.12521 (17121518)
593887.59 4123239.92 172.15194 (17120307) 593927.59
4123239.92 162.15164 (17011118)
593967.59 4123239.92 151.71440 (17011118) 594007.59
4123239.92 141.31285 (17011118)
592567.59 4123279.92 96.84696 (15120907) 592607.59
4123279.92 102.91342 (15120907)
592647.59 4123279.92 109.00759 (15120907) 592687.59
4123279.92 114.90365 (15120907)
592727.59 4123279.92 119.33794 (15120907) 592767.59
4123279.92 121.66088 (15120907)
592807.59 4123279.92 137.22914 (15012408) 592847.59
4123279.92 143.02461 (15012408)
592887.59 4123279.92 171.20024 (16111407) 592927.59
4123279.92 152.62581 (15120907)
592967.59 4123279.92 164.19169 (14122708) 593007.59
4123279.92 187.69346 (14122708)
593047.59 4123279.92 215.97362 (14122708) 593087.59
4123279.92 265.50115 (15013008)
593127.59 4123279.92 275.56739 (15013008) 593167.59
4123279.92 321.96621 (17120508)
593207.59 4123279.92 351.85956 (17120508) 593247.59
4123279.92 490.65441 (13010808)
593287.59 4123279.92 809.68679 (15021717) 593327.59
4123279.92 607.24050 (14110908)
593367.59 4123279.92 851.91176 (14021209) 593407.59
4123279.92 573.38926 (16122217)
593447.59 4123279.92 490.97589 (13010418) 593487.59
4123279.92 425.90164 (14011717)
593527.59 4123279.92 384.41301 (14010218) 593567.59
4123279.92 344.54053 (13121617)
593607.59 4123279.92 306.26097 (13110207) 593647.59
4123279.92 269.48904 (16121108)
593687.59 4123279.92 291.68334 (13111118) 593727.59
4123279.92 256.62136 (17121418)
593767.59 4123279.92 227.81013 (16121107) 593807.59
4123279.92 209.30533 (17011118)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123279.92	144.70383	(16122018)	592567.59	4123319.92	99.68786	(15120907)
592607.59	4123319.92	108.70927	(15120907)	592647.59	4123319.92	119.27417	(15120907)
592687.59	4123319.92	132.37292	(15120907)	592727.59	4123319.92	150.34751	(15120907)
592767.59	4123319.92	182.10978	(15120907)	592807.59	4123319.92	177.32849	(15021717)
592847.59	4123319.92	149.85249	(15120907)	592887.59	4123319.92	165.67993	(15120907)
592927.59	4123319.92	166.27937	(15120907)	592967.59	4123319.92	180.64562	(15120907)
593007.59	4123319.92	198.22303	(15120907)	593047.59	4123319.92	227.12816	(14122708)
593087.59	4123319.92	289.01003	(14122708)	593127.59	4123319.92	269.53803	(14122708)
593167.59	4123319.92	330.72604	(15013008)	593207.59			

4123319.92 404.72340 (17120508)
593247.59 4123319.92 488.67981 (13010808) 593287.59
4123319.92 881.91875 (15021717)
593327.59 4123319.92 711.15296 (14110908) 593367.59
4123319.92 946.33737 (14021209)
593407.59 4123319.92 661.17274 (16122217) 593447.59
4123319.92 586.94920 (16120518)
593487.59 4123319.92 521.35909 (14010218) 593527.59
4123319.92 442.76968 (15012618)
593567.59 4123319.92 368.49646 (13110207) 593607.59
4123319.92 331.02155 (13111118)
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4123319.92 325.80811 (17121418)
593727.59 4123319.92 279.35468 (17011118) 593767.59
4123319.92 248.90582 (17011118)
593807.59 4123319.92 220.38986 (15011108) 593847.59
4123319.92 199.42596 (16122018)
593887.59 4123319.92 182.37113 (16122018) 593927.59
4123319.92 169.19582 (17120118)
593967.59 4123319.92 156.95789 (17120118) 594007.59
4123319.92 146.95142 (17120118)
592567.59 4123359.92 101.46994 (17112207) 592607.59
4123359.92 110.17647 (17112207)
592647.59 4123359.92 120.70500 (17112207) 592687.59
4123359.92 133.74920 (17112207)
592727.59 4123359.92 151.40277 (17112207) 592767.59
4123359.92 178.53430 (17112207)
592807.59 4123359.92 213.62984 (17121507) 592847.59
4123359.92 196.12848 (13030208)
592887.59 4123359.92 164.14756 (17112207) 592927.59
4123359.92 173.75016 (15120907)
592967.59 4123359.92 192.70909 (15120907) 593007.59
4123359.92 218.45398 (15120907)
593047.59 4123359.92 254.27991 (15120907) 593087.59
4123359.92 245.75841 (15012408)
593127.59 4123359.92 284.23553 (14122708) 593167.59
4123359.92 333.71781 (14122708)
593207.59 4123359.92 418.98605 (15013008) 593247.59
4123359.92 586.14386 (17120508)
593287.59 4123359.92 876.41389 (13010808) 593327.59
4123359.92 922.15282 (15021717)
593367.59 4123359.92 959.84174 (17121417) 593407.59
4123359.92 865.72093 (14010318)
593447.59 4123359.92 741.08315 (16010816) 593487.59
4123359.92 617.36771 (13121617)
593527.59 4123359.92 502.19591 (16121108) 593567.59
4123359.92 423.27512 (13111118)
593607.59 4123359.92 353.13250 (16121107) 593647.59
4123359.92 313.19713 (17011118)
593687.59 4123359.92 275.57131 (15011108) 593727.59

4123359.92   307.84314 (15010617)
       593767.59   4123359.92   259.96806 (15010617)   593807.59
4123359.92   226.58940 (17120118)
       593847.59   4123359.92   201.35625 (17120118)   593887.59
4123359.92   180.51581 (17120118)
       593927.59   4123359.92   162.77548 (17120118)   593967.59
4123359.92   146.98171 (17120118)
       594007.59   4123359.92   133.14939 (17120118)   592567.59
4123399.92   104.48029 (17111107)
       592607.59   4123399.92   113.05908 (17111107)   592647.59
4123399.92   123.11308 (17111107)
       592687.59   4123399.92   135.63961 (17111107)   592727.59
4123399.92   150.79911 (17111107)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***

INCLUDING SOURCE(S):   L0006750   , L0006751
, L0006752   , L0006753   , L0006754   ,
L0006755   , L0006756   , L0006757   , L0006758   , L0006759
, L0006760   , L0006761   , L0006762   ,
L0006763   , L0006764   , L0006765   , L0006766   , L0006767
, L0006768   , L0006769   , L0006686   ,
L0006687   , L0006688   , L0006689   , L0006690   , L0006691
, L0006692   , L0006693   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
       592767.59   4123399.92   172.05830 (17111107)   592807.59
4123399.92   211.70789 (17112207)
       592847.59   4123399.92   218.40344 (15021717)   592887.59
4123399.92   185.72641 (17112207)
       592927.59   4123399.92   188.27978 (17112207)   592967.59
4123399.92   204.11084 (17112207)
       593007.59   4123399.92   229.20804 (17112207)   593047.59
4123399.92   271.13063 (17112207)

593087.59 4123399.92 252.04612 (15120907) 593127.59
4123399.92 301.98190 (15120907)
593167.59 4123399.92 360.45390 (15120907) 593207.59
4123399.92 443.90175 (15120907)
593247.59 4123399.92 621.78052 (14122708) 593287.59
4123399.92 1008.16793 (17120508)
593327.59 4123399.92 1051.95578 (13010808) 593367.59
4123399.92 1348.08702 (17121417)
593407.59 4123399.92 1641.38073 (15051007) 593447.59
4123399.92 1356.01583 (13042607)
593487.59 4123399.92 1011.85140 (13042707) 593527.59
4123399.92 602.04641 (13042707)
593567.59 4123399.92 474.31528 (17011118) 593607.59
4123399.92 393.15888 (15010617)
593647.59 4123399.92 334.35283 (17120118) 593687.59
4123399.92 290.31515 (17120118)
593727.59 4123399.92 277.06038 (17120118) 593767.59
4123399.92 228.92774 (17120118)
593807.59 4123399.92 195.27173 (17120118) 593847.59
4123399.92 169.44271 (17120118)
593887.59 4123399.92 148.27483 (17120118) 593927.59
4123399.92 130.75331 (17120118)
593967.59 4123399.92 116.42170 (17120118) 594007.59
4123399.92 105.36450 (15110207)
592567.59 4123439.92 104.23073 (15121107) 592607.59
4123439.92 112.57164 (17111107)
592647.59 4123439.92 122.58469 (17111107) 592687.59
4123439.92 135.05617 (17111107)
592727.59 4123439.92 150.70014 (17111107) 592767.59
4123439.92 171.99772 (17111107)
592807.59 4123439.92 203.39363 (17111107) 592847.59
4123439.92 263.56191 (17111107)
592887.59 4123439.92 233.58400 (14121208) 592927.59
4123439.92 259.09021 (14121208)
592967.59 4123439.92 239.49577 (14121208) 593007.59
4123439.92 257.36810 (17111107)
593047.59 4123439.92 296.24773 (14121208) 593087.59
4123439.92 268.76140 (17111107)
593127.59 4123439.92 297.36483 (17111107) 593167.59
4123439.92 358.70149 (17111107)
593207.59 4123439.92 465.52078 (17112207) 593247.59
4123439.92 678.13910 (17112207)
593287.59 4123439.92 1312.78727 (15051907) 593327.59
4123439.92 1665.74059 (15051907)
593367.59 4123439.92 4341.98918 (14122015) 593407.59
4123439.92 5462.45010 (13042707)
593447.59 4123439.92 1912.77459 (13042707) 593487.59
4123439.92 966.32263 (17120118)
593527.59 4123439.92 644.04229 (17120118) 593567.59
4123439.92 464.72531 (17120118)

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       593607.59   4123439.92      349.90424  (17120118)                593647.59
 4123439.92      274.44128  (17120118)
       593687.59   4123439.92      223.70421  (17120118)                593727.59
 4123439.92      189.70527  (15110207)
       593767.59   4123439.92      167.51051  (17120507)                593807.59
 4123439.92      151.92908  (17120507)
       593847.59   4123439.92      139.38723  (17120507)                593887.59
 4123439.92      128.92079  (17120507)
       593927.59   4123439.92      119.96822  (17120507)                593967.59
 4123439.92      111.93636  (17120507)
       594007.59   4123439.92      104.77169  (17120507)                592567.59
 4123479.92      100.93885  (16010508)
       592607.59   4123479.92      108.94466  (16010508)                592647.59
 4123479.92      118.35655  (14113007)
       592687.59   4123479.92      129.76940  (14113007)                592727.59
 4123479.92      144.19659  (14011307)
       592767.59   4123479.92      162.98702  (14011307)                592807.59
 4123479.92      188.67833  (13122908)
       592847.59   4123479.92      243.50553  (15112108)                592887.59
 4123479.92      248.74530  (15112108)
       592927.59   4123479.92      272.48076  (15112108)                592967.59
 4123479.92      290.32084  (15112108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        08:18:36

                                   PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       593007.59   4123479.92      273.02985  (15112108)               593047.59
4123479.92      236.15094  (15112108)
       593087.59   4123479.92      248.81058  (15112108)               593127.59
4123479.92      292.78246  (15112108)
       593167.59   4123479.92      367.33434  (15112108)               593207.59
4123479.92      493.66479  (15112108)
       593247.59   4123479.92      710.19464  (15112108)               593287.59
4123479.92     1038.28184  (15112108)
       593327.59   4123479.92     2044.81976  (13010916)               593367.59
4123479.92     4855.12988  (16050607)
       593407.59   4123479.92     3533.05969  (16012817)               593447.59
4123479.92     1562.39528  (16012817)
       593487.59   4123479.92      676.75162  (13110507)               593527.59
4123479.92      474.32640  (13110507)
       593567.59   4123479.92      360.95637  (16010307)               593607.59
4123479.92      288.87925  (16010307)
       593647.59   4123479.92      240.03121  (16010307)               593687.59
4123479.92      206.20308  (16120717)
       593727.59   4123479.92      181.35571  (16120717)               593767.59
4123479.92      162.29181  (16120717)
       593807.59   4123479.92      147.48006  (16120717)               593847.59
4123479.92      134.85352  (16120717)
       593887.59   4123479.92      124.06792  (16120717)               593927.59
4123479.92      114.90110  (16120717)
       593967.59   4123479.92      106.75271  (16120717)               594007.59
4123479.92       99.76965  (16120717)
       592567.59   4123519.92       99.14375  (14011307)               592607.59
4123519.92      106.29598  (14011307)
       592647.59   4123519.92      115.68582  (15112108)               592687.59
4123519.92      131.62756  (15112108)
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4123519.92      173.76900  (15112108)
       592807.59   4123519.92      201.04089  (15112108)               592847.59
4123519.92      231.57538  (15112108)
       592887.59   4123519.92      272.62960  (15112108)               592927.59
4123519.92      218.45667  (15112108)
       592967.59   4123519.92      220.25600  (15112108)               593007.59
4123519.92      222.64036  (15112108)
       593047.59   4123519.92      248.72446  (15112108)               593087.59
4123519.92      288.09957  (17110807)
       593127.59   4123519.92      342.68733  (17110807)               593167.59
4123519.92      411.08806  (17110807)
       593207.59   4123519.92      492.06397  (14120908)               593247.59
4123519.92      606.82786  (14120607)
       593287.59   4123519.92      789.23387  (15082007)               593327.59
4123519.92     1043.95971  (16050607)
       593367.59   4123519.92     1339.26051  (17020917)               593407.59
4123519.92     1752.93263  (13042807)
       593447.59   4123519.92      862.88238  (16012816)               593487.59
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 4123519.92      658.05126  (16012817)
       593527.59   4123519.92      446.96919  (16122918)                593567.59
 4123519.92      352.80557  (16122918)
       593607.59   4123519.92      291.73300  (15121507)                593647.59
 4123519.92      247.19569  (16111607)
       593687.59   4123519.92      216.23233  (13110507)                593727.59
 4123519.92      190.79156  (13110507)
       593767.59   4123519.92      169.54808  (13110507)                593807.59
 4123519.92      150.91734  (13110507)
       593847.59   4123519.92      136.55921  (16010307)                593887.59
 4123519.92      124.48549  (16010307)
       593927.59   4123519.92      114.87708  (16010307)                593967.59
 4123519.92      106.18876  (16010307)
       594007.59   4123519.92       98.90846  (16010307)                592567.59
 4123559.92      105.07591  (15112108)
       592607.59   4123559.92      116.50373  (15112108)                592647.59
 4123559.92      129.33331  (15112108)
       592687.59   4123559.92      143.46553  (15112108)                592727.59
 4123559.92      159.49648  (17110807)
       592767.59   4123559.92      176.11249  (17110807)                592807.59
 4123559.92      192.47174  (17110807)
       592847.59   4123559.92      209.51093  (17110807)                592887.59
 4123559.92      232.27885  (15112108)
       592927.59   4123559.92      222.57955  (15112108)                592967.59
 4123559.92      215.64468  (15112108)
       593007.59   4123559.92      220.32606  (17110807)                593047.59
 4123559.92      240.21279  (17110807)
       593087.59   4123559.92      266.78862  (14120908)                593127.59
 4123559.92      299.59182  (13123107)
       593167.59   4123559.92      351.11089  (14120607)                593207.59
 4123559.92      403.76684  (16110707)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

                                  PAGE 281
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	472.65144	(15120908)	593287.59	4123559.92	566.54103	(16012408)
593327.59	4123559.92	695.63191	(14112008)	593367.59	4123559.92	831.25104	(16110907)
593407.59	4123559.92	1178.61274	(13042807)	593447.59	4123559.92	653.82783	(16080407)
593487.59	4123559.92	508.32322	(15122808)	593527.59	4123559.92	406.48944	(13011718)
593567.59	4123559.92	338.54214	(13011718)	593607.59	4123559.92	278.99378	(16122918)
593647.59	4123559.92	243.79841	(16122918)	593687.59	4123559.92	208.59687	(16122918)
593727.59	4123559.92	182.94582	(15121507)	593767.59	4123559.92	162.71153	(15121507)
593807.59	4123559.92	144.79714	(16111607)	593847.59	4123559.92	131.18124	(13110507)
593887.59	4123559.92	121.38310	(13110507)	593927.59	4123559.92	113.10744	(13110507)
593967.59	4123559.92	105.38952	(13110507)	594007.59	4123559.92	98.81554	(13110507)
592567.59	4123599.92	114.32050	(15112108)	592607.59	4123599.92	124.90570	(17110807)
592647.59	4123599.92	136.04072	(17110807)	592687.59	4123599.92	147.25614	(17110807)
592727.59	4123599.92	158.34900	(17110807)	592767.59	4123599.92	169.10530	(17110807)
592807.59	4123599.92	177.21102	(17110807)	592847.59	4123599.92	185.54525	(17110807)
592887.59	4123599.92	194.36735	(17110807)	592927.59	4123599.92	201.93413	(14120908)
592967.59	4123599.92	188.16469	(14120908)	593007.59	4123599.92	198.10486	(14120908)
593047.59	4123599.92	218.26136	(14120607)	593087.59	4123599.92	245.20138	(14120607)
593127.59	4123599.92	272.23699	(16110707)	593167.59	4123599.92	309.09443	(13110107)
593207.59	4123599.92	358.45963	(16111007)	593247.59	4123599.92	405.90614	(16012408)
593287.59	4123599.92	485.68695	(16111507)	593327.59	4123599.92	565.31785	(14120418)

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       593367.59   4123599.92      598.84383  (16100507)               593407.59
 4123599.92      772.49723  (17101908)
       593447.59   4123599.92      479.41743  (16011108)               593487.59
 4123599.92      428.44427  (17111407)
       593527.59   4123599.92      358.05045  (15122808)               593567.59
 4123599.92      303.54820  (15011008)
       593607.59   4123599.92      263.25783  (13011718)               593647.59
 4123599.92      223.97911  (15120218)
       593687.59   4123599.92      197.02163  (15012218)               593727.59
 4123599.92      178.04634  (16122918)
       593767.59   4123599.92      159.91008  (16122918)               593807.59
 4123599.92      141.93093  (16122918)
       593847.59   4123599.92      128.87691  (15121507)               593887.59
 4123599.92      118.42096  (15121507)
       593927.59   4123599.92      109.35476  (15121507)               593967.59
 4123599.92      100.86924  (16111607)
       594007.59   4123599.92       94.36852  (16111607)               593087.59
 4123639.92      234.29469  (13110107)
       593127.59   4123639.92      264.19966  (15120908)               593167.59
 4123639.92      300.48432  (16111007)
       593207.59   4123639.92      328.58746  (13121308)               593247.59
 4123639.92      377.42487  (16121307)
       593287.59   4123639.92      419.93418  (14120707)               593327.59
 4123639.92      461.21795  (14121218)
       593367.59   4123639.92      469.55220  (15010908)               593407.59
 4123639.92      558.31205  (17101908)
       593447.59   4123639.92      442.71967  (17111018)               593487.59
 4123639.92      351.01164  (15110918)
       593527.59   4123639.92      315.21241  (17111407)               593567.59
 4123639.92      269.82547  (15122808)
       593607.59   4123639.92      238.42851  (15011008)               593647.59
 4123639.92      206.89253  (13011718)
       593687.59   4123639.92      189.58514  (13011718)               593727.59
 4123639.92      165.43880  (13122008)
       593767.59   4123639.92      150.19788  (15012218)               593807.59
 4123639.92      137.78602  (16122918)
       593847.59   4123639.92      127.90553  (16122918)               593887.59
 4123639.92      116.50604  (16122918)
       593927.59   4123639.92      106.45629  (16122918)               593967.59
 4123639.92       98.69540  (13122518)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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                                  INCLUDING SOURCE(S):     L0006750    , L0006751
 , L0006752    , L0006753    , L0006754    ,
                 L0006755    , L0006756    , L0006757    , L0006758    , L0006759
 , L0006760    , L0006761    , L0006762    ,
                 L0006763    , L0006764    , L0006765    , L0006766    , L0006767
 , L0006768    , L0006769    , L0006686    ,
                 L0006687    , L0006688    , L0006689    , L0006690    , L0006691
 , L0006692    , L0006693    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        594007.59   4123639.92       93.09876  (15121507)               593087.59
 4123679.92      230.10848  (16111007)
        593127.59   4123679.92      251.14398  (16111007)               593167.59
 4123679.92      270.04754  (13121308)
        593207.59   4123679.92      303.20698  (16121307)               593247.59
 4123679.92      334.01251  (16111507)
        593287.59   4123679.92      360.94509  (14120808)               593327.59
 4123679.92      378.08361  (16110907)
        593367.59   4123679.92      386.25284  (15010908)               593407.59
 4123679.92      418.55994  (17101908)
        593447.59   4123679.92      396.81424  (17111018)               593487.59
 4123679.92      278.23782  (16011108)
        593527.59   4123679.92      272.04793  (15110918)               593567.59
 4123679.92      244.47174  (17111407)
        593607.59   4123679.92      214.47229  (15122808)               593647.59
 4123679.92      194.26462  (15011008)
        593687.59   4123679.92      169.52163  (14013008)               593727.59
 4123679.92      159.79594  (13011718)
        593767.59   4123679.92      145.21710  (13011718)               593807.59
 4123679.92      130.08727  (15012218)
        593847.59   4123679.92      120.19999  (15012218)               593887.59
 4123679.92      110.74724  (16122918)
        593927.59   4123679.92      105.23861  (16122918)               593967.59
 4123679.92       98.38931  (16122918)
        594007.59   4123679.92       91.62995  (16122918)               593087.59
 4123719.92      210.98700  (16111007)
        593127.59   4123719.92      225.28838  (13121308)               593167.59
 4123719.92      249.71215  (14121407)
        593207.59   4123719.92      273.27066  (16111507)               593247.59
 4123719.92      291.58635  (14120707)
        593287.59   4123719.92      315.00445  (14120418)               593327.59
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4123719.92      320.62896  (16110907)
       593367.59   4123719.92      324.71100  (15010908)                593407.59
4123719.92      346.77107  (14120208)
       593447.59   4123719.92      344.56032  (17111018)                593487.59
4123719.92      251.01906  (16011108)
       593527.59   4123719.92      229.32598  (17120308)                593567.59
4123719.92      214.38030  (15110918)
       593607.59   4123719.92      197.48673  (17111407)                593647.59
4123719.92      177.10438  (15122808)
       593687.59   4123719.92      162.72438  (15011008)                593727.59
4123719.92      145.62084  (15011008)
       593767.59   4123719.92      135.15005  (13011718)                593807.59
4123719.92      127.09628  (13011718)
       593847.59   4123719.92      115.45636  (15120218)                593887.59
4123719.92      106.18717  (15012218)
       593927.59   4123719.92       99.49130  (15012218)                593967.59
4123719.92       92.48916  (16122918)
       594007.59   4123719.92       89.01085  (16122918)                593087.59
4123759.92      192.03107  (13121308)
       593127.59   4123759.92      211.59751  (14121407)                593167.59
4123759.92      226.57976  (16111507)
       593207.59   4123759.92      239.10123  (16111507)                593247.59
4123759.92      256.92911  (14120808)
       593287.59   4123759.92      269.97050  (14121218)                593327.59
4123759.92      274.01085  (16110907)
       593367.59   4123759.92      277.15530  (15010908)                593407.59
4123759.92      297.99899  (14120208)
       593447.59   4123759.92      296.32559  (17111018)                593487.59
4123759.92      245.01883  (17111018)
       593527.59   4123759.92      189.19042  (16011108)                593567.59
4123759.92      192.34228  (15110918)
       593607.59   4123759.92      175.58346  (17111407)                593647.59
4123759.92      164.28692  (17111407)
       593687.59   4123759.92      149.76315  (15122808)                593727.59
4123759.92      138.58021  (15011008)
       593767.59   4123759.92      127.42975  (15011008)                593807.59
4123759.92      114.63279  (13011718)
       593847.59   4123759.92      111.14363  (13011718)                593887.59
4123759.92      104.46717  (13011718)
       593927.59   4123759.92       95.91498  (15120218)                593967.59
4123759.92       89.96933  (15012218)
       594007.59   4123759.92       84.97363  (15012218)                593087.59
4123799.92      181.42392  (14121407)
       593127.59   4123799.92      195.16767  (16121307)                593167.59
4123799.92      209.55095  (16111507)
       593207.59   4123799.92      218.61113  (14120707)                593247.59
4123799.92      232.62812  (14120418)
       593287.59   4123799.92      232.34798  (14121218)                593327.59
4123799.92      235.63960  (16110907)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0006750 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769 , L0006686 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	241.31989	(15010908)	593407.59	4123799.92	259.18356	(14120208)
593447.59	4123799.92	256.06459	(17111018)	593487.59	4123799.92	232.23305	(17111018)
593527.59	4123799.92	178.75021	(16011108)	593567.59	4123799.92	166.65584	(17120308)
593607.59	4123799.92	162.85883	(15110918)	593647.59	4123799.92	150.73635	(17111407)
593687.59	4123799.92	139.28527	(17111407)	593727.59	4123799.92	129.32890	(15122808)
593767.59	4123799.92	119.87582	(15011008)	593807.59	4123799.92	112.14489	(15011008)
593847.59	4123799.92	101.84394	(14013008)	593887.59	4123799.92	98.30617	(13011718)
593927.59	4123799.92	94.26525	(13011718)	593967.59	4123799.92	87.94351	(13011718)
594007.59	4123799.92	81.70384	(15120218)	593087.59	4123839.92	171.04105	(16121307)
593127.59	4123839.92	181.73193	(16111507)	593167.59	4123839.92	184.72363	(16111507)
593207.59	4123839.92	198.97864	(14120707)	593247.59	4123839.92	209.11196	(14120418)

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       593287.59   4123839.92      206.43626  (16110907)                593327.59
 4123839.92      205.93267  (15102807)
       593367.59   4123839.92      213.24607  (15010908)                593407.59
 4123839.92      228.20245  (14120208)
       593447.59   4123839.92      222.17108  (16013107)                593487.59
 4123839.92      215.54676  (17111018)
       593527.59   4123839.92      163.65591  (17111018)                593567.59
 4123839.92      141.04414  (17120308)
       593607.59   4123839.92      145.01560  (17120308)                593647.59
 4123839.92      137.92091  (15110918)
       593687.59   4123839.92      130.92279  (17111407)                593727.59
 4123839.92      120.71542  (17111407)
       593767.59   4123839.92      112.80903  (15122808)                593807.59
 4123839.92      105.66285  (15011008)
       593847.59   4123839.92      100.41268  (15011008)                593887.59
 4123839.92       91.84612  (14013008)
       593927.59   4123839.92       86.49841  (13011718)                593967.59
 4123839.92       84.56053  (13011718)
       594007.59   4123839.92       80.86440  (13011718)                593087.59
 4123879.92      156.76093  (16111507)
       593127.59   4123879.92      167.34928  (16111507)                593167.59
 4123879.92      173.01889  (14120707)
       593207.59   4123879.92      181.48073  (14120808)                593247.59
 4123879.92      186.73613  (14121218)
       593287.59   4123879.92      187.25597  (16110907)                593327.59
 4123879.92      181.47637  (15102807)
       593367.59   4123879.92      190.06527  (15010908)                593407.59
 4123879.92      203.11097  (14120208)
       593447.59   4123879.92      196.10752  (14013007)                593487.59
 4123879.92      197.55379  (17111018)
       593527.59   4123879.92      162.68983  (17111018)                593567.59
 4123879.92      135.53000  (16011108)
       593607.59   4123879.92      128.89951  (17120308)                593647.59
 4123879.92      128.09518  (15110918)
       593687.59   4123879.92      117.95459  (15110918)                593727.59
 4123879.92      115.22777  (17111407)
       593767.59   4123879.92      105.52643  (17010508)                593807.59
 4123879.92      100.54534  (15122808)
       593847.59   4123879.92       94.10221  (15011008)                593887.59
 4123879.92       90.24420  (15011008)
       593927.59   4123879.92       83.44244  (15011008)                593967.59
 4123879.92       77.04424  (14013008)
       594007.59   4123879.92       76.31193  (13011718)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
Sam_Ops_1.isc               ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        08:18:36

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
OFFSITE	1ST HIGHEST VALUE IS	24.86943	AT (593047.59, 4123439.92, 88.83, 88.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	23.91541	AT (592927.59, 4123479.92, 89.55, 89.55, 0.00)	DC	
	3RD HIGHEST VALUE IS	22.32069	AT (593087.59, 4123439.92, 88.78, 88.78, 0.00)	DC	
	4TH HIGHEST VALUE IS	20.82718	AT (592967.59, 4123439.92, 89.28, 89.28, 0.00)	DC	
	5TH HIGHEST VALUE IS	20.61691	AT (593007.59, 4123439.92, 89.09, 89.09, 0.00)	DC	
	6TH HIGHEST VALUE IS	19.31054	AT (592967.59, 4123479.92, 89.50, 89.50, 0.00)	DC	
	7TH HIGHEST VALUE IS	18.84339	AT (592927.59, 4123439.92, 89.68, 89.68, 0.00)	DC	
	8TH HIGHEST VALUE IS	18.38543	AT (593167.59, 4123279.92, 88.56, 88.56, 0.00)	DC	
	9TH HIGHEST VALUE IS	18.04667	AT (593127.59, 4123359.92, 88.37, 88.37, 0.00)	DC	
	10TH HIGHEST VALUE IS	16.87851	AT (592967.59, 4123559.92, 83.40, 89.52, 0.00)	DC	
IDLE	1ST HIGHEST VALUE IS	356.77879	AT (593407.59, 4123439.92, 86.96, 86.96, 0.00)	DC	
	2ND HIGHEST VALUE IS	200.65174	AT (593367.59, 4123479.92, 86.18, 86.18, 0.00)	DC	
	3RD HIGHEST VALUE IS	106.05900	AT (593367.59, 4123439.92, 86.99, 86.99, 0.00)	DC	
	4TH HIGHEST VALUE IS	90.02829	AT (593447.59, 4123439.92, 86.68, 86.68, 0.00)	DC	
	5TH HIGHEST VALUE IS	73.25697	AT (593407.59, 4123479.92, 84.94, 84.94, 0.00)	DC	
	6TH HIGHEST VALUE IS	64.01527	AT (593447.59, 4123399.92, 85.63, 85.63, 0.00)	DC	
	7TH HIGHEST VALUE IS	55.75240	AT (593327.59, 4123479.92,		

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87.08,    87.08,    0.00)  DC
          8TH HIGHEST VALUE IS      42.72397 AT (  593407.59,  4123399.92,
85.91,    85.91,    0.00)  DC
          9TH HIGHEST VALUE IS      41.26722 AT (  593487.59,  4123399.92,
85.84,    85.84,    0.00)  DC
         10TH HIGHEST VALUE IS      32.56764 AT (  593367.59,  4123519.92,
82.60,    82.60,    0.00)  DC

ONSITECI  1ST HIGHEST VALUE IS      93.55807 AT (  593367.59,  4123439.92,
86.99,    86.99,    0.00)  DC
          2ND HIGHEST VALUE IS      80.07603 AT (  593327.59,  4123439.92,
86.99,    86.99,    0.00)  DC
          3RD HIGHEST VALUE IS      70.66685 AT (  593367.59,  4123399.92,
86.73,    86.73,    0.00)  DC
          4TH HIGHEST VALUE IS      63.45297 AT (  593327.59,  4123399.92,
86.91,    86.91,    0.00)  DC
          5TH HIGHEST VALUE IS      62.28809 AT (  593327.59,  4123359.92,
87.02,    87.02,    0.00)  DC
          6TH HIGHEST VALUE IS      58.79053 AT (  593327.59,  4123319.92,
87.28,    87.28,    0.00)  DC
          7TH HIGHEST VALUE IS      58.00543 AT (  593287.59,  4123439.92,
87.35,    87.35,    0.00)  DC
          8TH HIGHEST VALUE IS      56.51884 AT (  593287.59,  4123399.92,
87.31,    87.31,    0.00)  DC
          9TH HIGHEST VALUE IS      54.67899 AT (  593367.59,  4123319.92,
86.25,    86.25,    0.00)  DC
         10TH HIGHEST VALUE IS      53.05712 AT (  593287.59,  4123359.92,
87.52,    87.52,    0.00)  DC

GENS      1ST HIGHEST VALUE IS       0.34332 AT (  593687.59,  4123359.92,
83.75,    83.75,    0.00)  DC
          2ND HIGHEST VALUE IS       0.29357 AT (  593727.59,  4123359.92,
83.66,    83.66,    0.00)  DC
          3RD HIGHEST VALUE IS       0.20540 AT (  593647.59,  4123359.92,
84.31,    84.31,    0.00)  DC
          4TH HIGHEST VALUE IS       0.20512 AT (  593687.59,  4123319.92,
83.87,    83.87,    0.00)  DC
          5TH HIGHEST VALUE IS       0.20320 AT (  593687.59,  4123399.92,
84.06,    84.06,    0.00)  DC
          6TH HIGHEST VALUE IS       0.19579 AT (  593727.59,  4123319.92,
83.87,    83.87,    0.00)  DC
          7TH HIGHEST VALUE IS       0.16255 AT (  593647.59,  4123399.92,
84.41,    84.41,    0.00)  DC
          8TH HIGHEST VALUE IS       0.13729 AT (  593767.59,  4123319.92,
83.52,    83.52,    0.00)  DC
          9TH HIGHEST VALUE IS       0.13721 AT (  593727.59,  4123399.92,
83.33,    83.33,    0.00)  DC
         10TH HIGHEST VALUE IS       0.12133 AT (  593767.59,  4123359.92,
83.36,    83.36,    0.00)  DC
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_1\Good
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID		NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	380.05785	AT (593407.59, 4123439.92, 86.96, 86.96, 0.00)	DC	
	2ND HIGHEST VALUE IS	218.96923	AT (593367.59, 4123479.92, 86.18, 86.18, 0.00)	DC	
	3RD HIGHEST VALUE IS	201.68906	AT (593367.59, 4123439.92, 86.99, 86.99, 0.00)	DC	
	4TH HIGHEST VALUE IS	106.48934	AT (593327.59, 4123439.92, 86.99, 86.99, 0.00)	DC	
	5TH HIGHEST VALUE IS	100.86472	AT (593447.59, 4123439.92, 86.68, 86.68, 0.00)	DC	
	6TH HIGHEST VALUE IS	94.21370	AT (593367.59, 4123399.92, 86.73, 86.73, 0.00)	DC	
	7TH HIGHEST VALUE IS	89.58622	AT (593327.59, 4123479.92, 87.08, 87.08, 0.00)	DC	
	8TH HIGHEST VALUE IS	82.84081	AT (593447.59, 4123399.92, 85.63, 85.63, 0.00)	DC	
	9TH HIGHEST VALUE IS	82.58342	AT (593407.59, 4123479.92, 84.94, 84.94, 0.00)	DC	
	10TH HIGHEST VALUE IS	80.69678	AT (593407.59, 4123399.92, 85.91, 85.91, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	NETWORK CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
OFFSITE	HIGH	1ST HIGH VALUE IS	258.15603	ON 13042707:	AT (593087.59, 4123439.92, 88.78, 88.78, 0.00)	DC
IDLE	HIGH	1ST HIGH VALUE IS	5231.64823	ON 13042707:	AT (593407.59, 4123439.92, 86.96, 86.96, 0.00)	DC
ONSITECI	HIGH	1ST HIGH VALUE IS	985.81471	ON 13042707:	AT (593367.59, 4123439.92, 86.99, 86.99, 0.00)	DC
GENS	HIGH	1ST HIGH VALUE IS	134.64144	ON 14121513:	AT (593607.59, 4123399.92, 84.98, 84.98, 0.00)	DC
ALL	HIGH	1ST HIGH VALUE IS	5462.45010	ON 13042707:	AT (593407.59, 4123439.92, 86.96, 86.96, 0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

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A Total of            0 Fatal Error Message(s)
A Total of            4 Warning Message(s)
A Total of          930 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          530 Calm Hours Identified

A Total of          400 Missing Hours Identified (  0.91 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320     336        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
ME W186    2207       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187    2207       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 10/16/2023
** File: C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good Sam_Ops_TOG.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good Sam_Ops_TOG.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID TOG
   RUNORNOT RUN
   ERRORFIL "Good Sam_Ops_TOG.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   593617.630  4123423.954       84.580
** DESCRSRC CUP
** Source Parameters **
   SRCPARAM PAREA1       0.0006868051     3.600         4
   AREAVERT PAREA1       593617.630 4123423.954 593658.267 4123422.600
   AREAVERT PAREA1       593658.605 4123388.736 593616.952 4123387.042
   URBANSRC ALL
   SRCGROUP CUP      PAREA1
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
```

```
**
RE STARTING
   INCLUDED "Good Sam_Ops_TOG.rou"
RE FINISHED
**
************************************
** AERMOD Meteorology Pathway
************************************
**
**
ME STARTING
   SURFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.SFC"
   PROFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.PFL"
   SURFDATA 23293 2013 San_Jose_Int_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "GOOD SAM_OPS_TOG.AD\01H1GALL.PLT" 31
   PLOTFILE 1 CUP 1ST "GOOD SAM_OPS_TOG.AD\01H1G001.PLT" 32
   PLOTFILE PERIOD ALL "GOOD SAM_OPS_TOG.AD\PE00GALL.PLT" 33
   PLOTFILE PERIOD CUP "GOOD SAM_OPS_TOG.AD\PE00G000.PLT" 34
   SUMMFILE "Good Sam_Ops_TOG.sum"
OU FINISHED
**
************************************
** Project Parameters
************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 10/16/2023
** File: C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good Sam_Ops_TOG.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good Sam_Ops_TOG.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID TOG
   RUNORNOT RUN
   ERRORFIL "Good Sam_Ops_TOG.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   593617.630  4123423.954       84.580
** DESCRSRC CUP
** Source Parameters **
   SRCPARAM PAREA1       0.0006868051     3.600         4
   AREAVERT PAREA1       593617.630 4123423.954 593658.267 4123422.600
   AREAVERT PAREA1       593658.605 4123388.736 593616.952 4123387.042
   URBANSRC ALL
   SRCGROUP CUP      PAREA1
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
```

```
**
RE STARTING
   INCLUDED "Good Sam_Ops_TOG.rou"
RE FINISHED
**
*************************************
** AERMOD Meteorology Pathway
*************************************
**
**
ME STARTING
   SURFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.SFC"
   PROFFILE "..\Good Sam Phase I Cons\Good Sam Phase I Cons.PFL"
   SURFDATA 23293 2013 San_Jose_Int_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
*************************************
** AERMOD Output Pathway
*************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "GOOD SAM_OPS_TOG.AD\01H1GALL.PLT" 31
   PLOTFILE 1 CUP 1ST "GOOD SAM_OPS_TOG.AD\01H1G001.PLT" 32
   PLOTFILE PERIOD ALL "GOOD SAM_OPS_TOG.AD\PE00GALL.PLT" 33
   PLOTFILE PERIOD CUP "GOOD SAM_OPS_TOG.AD\PE00G000.PLT" 34
   SUMMFILE "Good Sam_Ops_TOG.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      67       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
```

```
      0.50
 ME W187      67       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    983489.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: TOG

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      1 Source(s);       2 Source Group(s); and     945
Receptor(s)

                with:      0 POINT(s), including
```

```
                    0 POINTCAP(s) and      0 POINTHOR(s)
               and:      0 VOLUME source(s)
               and:      1 AREA type source(s)
               and:      0 LINE source(s)
               and:      0 RLINE/RLINEXT source(s)
               and:      0 OPENPIT source(s)
               and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
               and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    15.50 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Good Sam_Ops_TOG.err

 **File for Summary of Results:   Good Sam_Ops_TOG.sum

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37
```

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ SOURCE SCALAR VARY BY	URBAN SOURCE (METERS)
PAREA1	0	0.68681E-03	593617.6	4123424.0	84.6	3.60	4	0.00	YES

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
CUP	PAREA1 ,
ALL	PAREA1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (592567.6, 4122799.9,   96.8,   96.8,   0.0);   (592607.6, 4122799.9,   96.3,   96.3,   0.0);
     (592647.6, 4122799.9,   96.1,   96.1,   0.0);   (592687.6, 4122799.9,   95.4,   95.4,   0.0);
     (592727.6, 4122799.9,   95.2,   95.2,   0.0);   (592767.6, 4122799.9,   94.9,   94.9,   0.0);
     (592807.6, 4122799.9,   94.4,   94.4,   0.0);   (592847.6, 4122799.9,   94.5,   94.5,   0.0);
     (592887.6, 4122799.9,   94.1,   94.1,   0.0);   (592927.6, 4122799.9,   93.5,   93.5,   0.0);
     (592967.6, 4122799.9,   93.0,   93.0,   0.0);   (593007.6, 4122799.9,   92.8,   92.8,   0.0);
     (593047.6, 4122799.9,   92.3,   92.3,   0.0);   (593087.6, 4122799.9,   92.1,   92.1,   0.0);
     (593127.6, 4122799.9,   91.8,   91.8,   0.0);   (593167.6, 4122799.9,   91.6,   91.6,   0.0);
     (593207.6, 4122799.9,   91.2,   91.2,   0.0);   (593247.6, 4122799.9,   90.9,   90.9,   0.0);
     (593287.6, 4122799.9,   91.0,   91.0,   0.0);   (593327.6, 4122799.9,   90.8,   90.8,   0.0);
     (593367.6, 4122799.9,   90.4,   90.4,   0.0);   (593407.6, 4122799.9,   89.8,   89.8,   0.0);
     (593447.6, 4122799.9,   89.8,   89.8,   0.0);   (593487.6, 4122799.9,   89.7,   89.7,   0.0);
     (593527.6, 4122799.9,   89.5,   89.5,   0.0);   (593567.6, 4122799.9,   89.0,   89.0,   0.0);
     (593607.6, 4122799.9,   88.7,   88.7,   0.0);   (593647.6, 4122799.9,   88.2,   88.2,   0.0);
     (593687.6, 4122799.9,   88.1,   88.1,   0.0);   (593727.6, 4122799.9,   88.2,   88.2,   0.0);
     (593767.6, 4122799.9,   87.8,   87.8,   0.0);   (593807.6, 4122799.9,   87.9,   87.9,   0.0);
     (593847.6, 4122799.9,   87.5,   87.5,   0.0);   (593887.6, 4122799.9,   87.1,   87.1,   0.0);

```
     ( 593927.6, 4122799.9,      86.6,      86.6,       0.0);         ( 593967.6,
4122799.9,      86.1,      86.1,       0.0);
     ( 594007.6, 4122799.9,      86.0,      86.0,       0.0);         ( 592567.6,
4122839.9,      96.6,      96.6,       0.0);
     ( 592607.6, 4122839.9,      96.1,      96.1,       0.0);         ( 592647.6,
4122839.9,      95.9,      95.9,       0.0);
     ( 592687.6, 4122839.9,      95.6,      95.6,       0.0);         ( 592727.6,
4122839.9,      95.2,      95.2,       0.0);
     ( 592767.6, 4122839.9,      94.5,      94.5,       0.0);         ( 592807.6,
4122839.9,      94.4,      94.4,       0.0);
     ( 592847.6, 4122839.9,      94.3,      94.3,       0.0);         ( 592887.6,
4122839.9,      94.1,      94.1,       0.0);
     ( 592927.6, 4122839.9,      93.6,      93.6,       0.0);         ( 592967.6,
4122839.9,      93.1,      93.1,       0.0);
     ( 593007.6, 4122839.9,      92.2,      92.2,       0.0);         ( 593047.6,
4122839.9,      91.7,      91.7,       0.0);
     ( 593087.6, 4122839.9,      92.0,      92.0,       0.0);         ( 593127.6,
4122839.9,      91.7,      91.7,       0.0);
     ( 593167.6, 4122839.9,      91.4,      91.4,       0.0);         ( 593207.6,
4122839.9,      91.0,      91.0,       0.0);
     ( 593247.6, 4122839.9,      90.7,      90.7,       0.0);         ( 593287.6,
4122839.9,      90.5,      90.5,       0.0);
     ( 593327.6, 4122839.9,      90.4,      90.4,       0.0);         ( 593367.6,
4122839.9,      90.0,      90.0,       0.0);
     ( 593407.6, 4122839.9,      89.5,      89.5,       0.0);         ( 593447.6,
4122839.9,      89.4,      89.4,       0.0);
     ( 593487.6, 4122839.9,      89.3,      89.3,       0.0);         ( 593527.6,
4122839.9,      89.0,      89.0,       0.0);
     ( 593567.6, 4122839.9,      88.5,      88.5,       0.0);         ( 593607.6,
4122839.9,      88.2,      88.2,       0.0);
     ( 593647.6, 4122839.9,      87.5,      87.5,       0.0);         ( 593687.6,
4122839.9,      87.3,      87.3,       0.0);
     ( 593727.6, 4122839.9,      87.5,      87.5,       0.0);         ( 593767.6,
4122839.9,      87.3,      87.3,       0.0);
     ( 593807.6, 4122839.9,      87.4,      87.4,       0.0);         ( 593847.6,
4122839.9,      87.1,      87.1,       0.0);
     ( 593887.6, 4122839.9,      86.9,      86.9,       0.0);         ( 593927.6,
4122839.9,      86.5,      86.5,       0.0);
     ( 593967.6, 4122839.9,      86.0,      86.0,       0.0);         ( 594007.6,
4122839.9,      86.0,      86.0,       0.0);
     ( 592567.6, 4122879.9,      96.3,      96.3,       0.0);         ( 592607.6,
4122879.9,      95.8,      95.8,       0.0);
     ( 592647.6, 4122879.9,      95.8,      95.8,       0.0);         ( 592687.6,
4122879.9,      95.7,      95.7,       0.0);
     ( 592727.6, 4122879.9,      94.9,      94.9,       0.0);         ( 592767.6,
4122879.9,      94.4,      94.4,       0.0);
     ( 592807.6, 4122879.9,      94.3,      94.3,       0.0);         ( 592847.6,
4122879.9,      93.9,      93.9,       0.0);
     ( 592887.6, 4122879.9,      93.5,      93.5,       0.0);         ( 592927.6,
4122879.9,      93.1,      93.1,       0.0);
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(592967.6, 4122879.9, 92.7, 92.7, 0.0); (593007.6, 4122879.9, 92.3, 92.3, 0.0);
(593047.6, 4122879.9, 91.8, 91.8, 0.0); (593087.6, 4122879.9, 91.9, 91.9, 0.0);
(593127.6, 4122879.9, 91.8, 91.8, 0.0); (593167.6, 4122879.9, 91.1, 91.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593207.6, 4122879.9, 91.0, 91.0, 0.0); (593247.6, 4122879.9, 90.5, 90.5, 0.0);
(593287.6, 4122879.9, 90.2, 90.2, 0.0); (593327.6, 4122879.9, 89.9, 89.9, 0.0);
(593367.6, 4122879.9, 89.7, 89.7, 0.0); (593407.6, 4122879.9, 89.3, 89.3, 0.0);
(593447.6, 4122879.9, 89.2, 89.2, 0.0); (593487.6, 4122879.9, 89.0, 89.0, 0.0);
(593527.6, 4122879.9, 88.6, 88.6, 0.0); (593567.6, 4122879.9, 88.0, 88.0, 0.0);
(593607.6, 4122879.9, 87.9, 87.9, 0.0); (593647.6, 4122879.9, 87.2, 87.2, 0.0);
(593687.6, 4122879.9, 86.8, 86.8, 0.0); (593727.6, 4122879.9, 86.9, 86.9, 0.0);
(593767.6, 4122879.9, 86.7, 86.7, 0.0); (593807.6, 4122879.9, 86.9, 86.9, 0.0);
(593847.6, 4122879.9, 86.8, 86.8, 0.0); (593887.6, 4122879.9, 86.6, 86.6, 0.0);
(593927.6, 4122879.9, 86.3, 86.3, 0.0); (593967.6, 4122879.9, 85.8, 85.8, 0.0);
(594007.6, 4122879.9, 85.8, 85.8, 0.0); (592567.6, 4122919.9, 96.1, 96.1, 0.0);
(592607.6, 4122919.9, 95.8, 95.8, 0.0); (592647.6, 4122919.9, 95.4, 95.4, 0.0);
(592687.6, 4122919.9, 95.0, 95.0, 0.0); (592727.6, 4122919.9, 94.5, 94.5, 0.0);
(592767.6, 4122919.9, 94.2, 94.2, 0.0); (592807.6, 4122919.9, 94.1, 94.1, 0.0);
(592847.6, 4122919.9, 93.6, 93.6, 0.0); (592887.6, 4122919.9, 93.5, 93.5, 0.0);
(592927.6, 4122919.9, 92.5, 92.5, 0.0); (592967.6, 4122919.9, 92.0, 92.0, 0.0);

```
     ( 593007.6, 4122919.9,      92.0,      92.0,       0.0);         ( 593047.6,
4122919.9,      92.1,      92.1,       0.0);
     ( 593087.6, 4122919.9,      91.8,      91.8,       0.0);         ( 593127.6,
4122919.9,      91.5,      91.5,       0.0);
     ( 593167.6, 4122919.9,      90.7,      90.7,       0.0);         ( 593207.6,
4122919.9,      90.8,      90.8,       0.0);
     ( 593247.6, 4122919.9,      90.2,      90.2,       0.0);         ( 593287.6,
4122919.9,      90.1,      90.1,       0.0);
     ( 593327.6, 4122919.9,      89.5,      89.5,       0.0);         ( 593367.6,
4122919.9,      89.4,      89.4,       0.0);
     ( 593407.6, 4122919.9,      89.1,      89.1,       0.0);         ( 593447.6,
4122919.9,      88.8,      88.8,       0.0);
     ( 593487.6, 4122919.9,      88.5,      88.5,       0.0);         ( 593527.6,
4122919.9,      88.1,      88.1,       0.0);
     ( 593567.6, 4122919.9,      87.6,      87.6,       0.0);         ( 593607.6,
4122919.9,      87.5,      87.5,       0.0);
     ( 593647.6, 4122919.9,      87.1,      87.1,       0.0);         ( 593687.6,
4122919.9,      86.6,      86.6,       0.0);
     ( 593727.6, 4122919.9,      86.3,      86.3,       0.0);         ( 593767.6,
4122919.9,      86.1,      86.1,       0.0);
     ( 593807.6, 4122919.9,      86.2,      86.2,       0.0);         ( 593847.6,
4122919.9,      86.3,      86.3,       0.0);
     ( 593887.6, 4122919.9,      86.2,      86.2,       0.0);         ( 593927.6,
4122919.9,      86.0,      86.0,       0.0);
     ( 593967.6, 4122919.9,      85.6,      85.6,       0.0);         ( 594007.6,
4122919.9,      85.4,      85.4,       0.0);
     ( 592567.6, 4122959.9,      95.3,      95.3,       0.0);         ( 592607.6,
4122959.9,      95.4,      95.4,       0.0);
     ( 592647.6, 4122959.9,      95.1,      95.1,       0.0);         ( 592687.6,
4122959.9,      94.7,      94.7,       0.0);
     ( 592727.6, 4122959.9,      94.2,      94.2,       0.0);         ( 592767.6,
4122959.9,      94.0,      94.0,       0.0);
     ( 592807.6, 4122959.9,      93.9,      93.9,       0.0);         ( 592847.6,
4122959.9,      93.4,      93.4,       0.0);
     ( 592887.6, 4122959.9,      93.3,      93.3,       0.0);         ( 592927.6,
4122959.9,      92.7,      92.7,       0.0);
     ( 592967.6, 4122959.9,      92.2,      92.2,       0.0);         ( 593007.6,
4122959.9,      91.8,      91.8,       0.0);
     ( 593047.6, 4122959.9,      91.6,      91.6,       0.0);         ( 593087.6,
4122959.9,      91.8,      91.8,       0.0);
     ( 593127.6, 4122959.9,      91.2,      91.2,       0.0);         ( 593167.6,
4122959.9,      90.5,      90.5,       0.0);
     ( 593207.6, 4122959.9,      90.4,      90.4,       0.0);         ( 593247.6,
4122959.9,      89.8,      89.8,       0.0);
     ( 593287.6, 4122959.9,      89.7,      89.7,       0.0);         ( 593327.6,
4122959.9,      89.0,      89.0,       0.0);
     ( 593367.6, 4122959.9,      89.2,      89.2,       0.0);         ( 593407.6,
4122959.9,      88.8,      88.8,       0.0);
     ( 593447.6, 4122959.9,      88.7,      88.7,       0.0);         ( 593487.6,
4122959.9,      88.2,      88.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593847.6, 4122959.9, 85.7, 85.7, 0.0); (593887.6, 4122959.9, 85.6, 85.6, 0.0);
(593927.6, 4122959.9, 85.6, 85.6, 0.0); (593967.6, 4122959.9, 85.2, 85.2, 0.0);
(594007.6, 4122959.9, 85.1, 85.1, 0.0); (592567.6, 4122999.9, 93.3, 93.3, 0.0);
(592607.6, 4122999.9, 95.0, 95.0, 0.0); (592647.6, 4122999.9, 94.9, 94.9, 0.0);
(592687.6, 4122999.9, 94.6, 94.6, 0.0); (592727.6, 4122999.9, 94.1, 94.1, 0.0);
(592767.6, 4122999.9, 93.8, 93.8, 0.0); (592807.6, 4122999.9, 93.6, 93.6, 0.0);
(592847.6, 4122999.9, 93.2, 93.2, 0.0); (592887.6, 4122999.9, 92.9, 92.9, 0.0);
(592927.6, 4122999.9, 92.5, 92.5, 0.0); (592967.6, 4122999.9, 92.2, 92.2, 0.0);
(593007.6, 4122999.9, 91.8, 91.8, 0.0); (593047.6, 4122999.9, 91.6, 91.6, 0.0);
(593087.6, 4122999.9, 91.9, 91.9, 0.0); (593127.6, 4122999.9, 91.0, 91.0, 0.0);
(593167.6, 4122999.9, 90.3, 90.3, 0.0); (593207.6, 4122999.9, 90.2, 90.2, 0.0);
(593247.6, 4122999.9, 89.5, 89.5, 0.0); (593287.6, 4122999.9, 89.5, 89.5, 0.0);
(593327.6, 4122999.9, 88.8, 88.8, 0.0); (593367.6, 4122999.9, 88.9, 88.9, 0.0);
(593407.6, 4122999.9, 88.3, 88.3, 0.0); (593447.6, 4122999.9, 88.4, 88.4, 0.0);
(593487.6, 4122999.9, 87.8, 87.8, 0.0); (593527.6, 4122999.9, 87.7, 87.7, 0.0);

```
     ( 593567.6, 4122999.9,      86.9,      86.9,       0.0);         ( 593607.6,
4122999.9,      86.8,      86.8,       0.0);
     ( 593647.6, 4122999.9,      86.7,      86.7,       0.0);         ( 593687.6,
4122999.9,      86.3,      86.3,       0.0);
     ( 593727.6, 4122999.9,      85.8,      85.8,       0.0);         ( 593767.6,
4122999.9,      85.3,      85.3,       0.0);
     ( 593807.6, 4122999.9,      85.0,      85.0,       0.0);         ( 593847.6,
4122999.9,      84.7,      84.7,       0.0);
     ( 593887.6, 4122999.9,      84.8,      84.8,       0.0);         ( 593927.6,
4122999.9,      85.0,      85.0,       0.0);
     ( 593967.6, 4122999.9,      84.6,      84.6,       0.0);         ( 594007.6,
4122999.9,      84.7,      84.7,       0.0);
     ( 592567.6, 4123039.9,      92.2,      92.2,       0.0);         ( 592607.6,
4123039.9,      94.3,      94.3,       0.0);
     ( 592647.6, 4123039.9,      94.7,      94.7,       0.0);         ( 592687.6,
4123039.9,      94.4,      94.4,       0.0);
     ( 592727.6, 4123039.9,      94.0,      94.0,       0.0);         ( 592767.6,
4123039.9,      93.5,      93.5,       0.0);
     ( 592807.6, 4123039.9,      93.1,      93.1,       0.0);         ( 592847.6,
4123039.9,      92.9,      92.9,       0.0);
     ( 592887.6, 4123039.9,      92.6,      92.6,       0.0);         ( 592927.6,
4123039.9,      92.3,      92.3,       0.0);
     ( 592967.6, 4123039.9,      92.0,      92.0,       0.0);         ( 593007.6,
4123039.9,      91.6,      91.6,       0.0);
     ( 593047.6, 4123039.9,      91.5,      91.5,       0.0);         ( 593087.6,
4123039.9,      91.7,      91.7,       0.0);
     ( 593127.6, 4123039.9,      90.7,      90.7,       0.0);         ( 593167.6,
4123039.9,      90.0,      90.0,       0.0);
     ( 593207.6, 4123039.9,      89.7,      89.7,       0.0);         ( 593247.6,
4123039.9,      89.2,      89.2,       0.0);
     ( 593287.6, 4123039.9,      89.3,      89.3,       0.0);         ( 593327.6,
4123039.9,      88.6,      88.6,       0.0);
     ( 593367.6, 4123039.9,      88.7,      88.7,       0.0);         ( 593407.6,
4123039.9,      88.1,      88.1,       0.0);
     ( 593447.6, 4123039.9,      88.1,      88.1,       0.0);         ( 593487.6,
4123039.9,      87.5,      87.5,       0.0);
     ( 593527.6, 4123039.9,      87.4,      87.4,       0.0);         ( 593567.6,
4123039.9,      86.6,      86.6,       0.0);
     ( 593607.6, 4123039.9,      86.6,      86.6,       0.0);         ( 593647.6,
4123039.9,      86.4,      86.4,       0.0);
     ( 593687.6, 4123039.9,      86.1,      86.1,       0.0);         ( 593727.6,
4123039.9,      85.7,      85.7,       0.0);
     ( 593767.6, 4123039.9,      85.3,      85.3,       0.0);         ( 593807.6,
4123039.9,      84.8,      84.8,       0.0);
     ( 593847.6, 4123039.9,      84.2,      84.2,       0.0);         ( 593887.6,
4123039.9,      84.2,      84.2,       0.0);
     ( 593927.6, 4123039.9,      84.4,      84.4,       0.0);         ( 593967.6,
4123039.9,      84.0,      84.0,       0.0);
     ( 594007.6, 4123039.9,      84.2,      84.2,       0.0);         ( 592567.6,
4123079.9,      91.6,      91.6,       0.0);
```

(592607.6, 4123079.9, 92.7, 92.7, 0.0); (592647.6, 4123079.9, 94.3, 94.3, 0.0);
(592687.6, 4123079.9, 94.1, 94.1, 0.0); (592727.6, 4123079.9, 93.8, 93.8, 0.0);
(592767.6, 4123079.9, 93.3, 93.3, 0.0); (592807.6, 4123079.9, 93.0, 93.0, 0.0);
(592847.6, 4123079.9, 92.7, 92.7, 0.0); (592887.6, 4123079.9, 92.3, 92.3, 0.0);
(592927.6, 4123079.9, 92.0, 92.0, 0.0); (592967.6, 4123079.9, 91.8, 91.8, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593007.6, 4123079.9, 91.5, 91.5, 0.0); (593047.6, 4123079.9, 91.2, 91.2, 0.0);
(593087.6, 4123079.9, 91.0, 91.0, 0.0); (593127.6, 4123079.9, 90.5, 90.5, 0.0);
(593167.6, 4123079.9, 90.2, 90.2, 0.0); (593207.6, 4123079.9, 89.7, 89.7, 0.0);
(593247.6, 4123079.9, 89.1, 89.1, 0.0); (593287.6, 4123079.9, 89.1, 89.1, 0.0);
(593327.6, 4123079.9, 88.4, 88.4, 0.0); (593367.6, 4123079.9, 88.5, 88.5, 0.0);
(593407.6, 4123079.9, 87.9, 87.9, 0.0); (593447.6, 4123079.9, 88.0, 88.0, 0.0);
(593487.6, 4123079.9, 87.3, 87.3, 0.0); (593527.6, 4123079.9, 87.1, 87.1, 0.0);
(593567.6, 4123079.9, 86.2, 86.2, 0.0); (593607.6, 4123079.9, 86.2, 86.2, 0.0);
(593647.6, 4123079.9, 86.0, 86.0, 0.0); (593687.6, 4123079.9, 85.8, 85.8, 0.0);
(593727.6, 4123079.9, 85.5, 85.5, 0.0); (593767.6, 4123079.9, 85.2, 85.2, 0.0);
(593807.6, 4123079.9, 84.5, 84.5, 0.0); (593847.6, 4123079.9, 83.9, 83.9, 0.0);
(593887.6, 4123079.9, 83.8, 83.8, 0.0); (593927.6, 4123079.9, 83.8, 83.8, 0.0);
(593967.6, 4123079.9, 83.5, 83.5, 0.0); (594007.6, 4123079.9, 83.7, 83.7, 0.0);
(592567.6, 4123119.9, 91.3, 91.3, 0.0); (592607.6, 4123119.9, 91.4, 91.4, 0.0);

```
     ( 592647.6, 4123119.9,      92.8,      92.8,       0.0);         ( 592687.6,
4123119.9,      93.8,      93.8,       0.0);
     ( 592727.6, 4123119.9,      93.6,      93.6,       0.0);         ( 592767.6,
4123119.9,      93.2,      93.2,       0.0);
     ( 592807.6, 4123119.9,      92.9,      92.9,       0.0);         ( 592847.6,
4123119.9,      92.6,      92.6,       0.0);
     ( 592887.6, 4123119.9,      92.1,      92.1,       0.0);         ( 592927.6,
4123119.9,      91.8,      91.8,       0.0);
     ( 592967.6, 4123119.9,      91.5,      91.5,       0.0);         ( 593007.6,
4123119.9,      91.3,      91.3,       0.0);
     ( 593047.6, 4123119.9,      91.0,      91.0,       0.0);         ( 593087.6,
4123119.9,      90.6,      90.6,       0.0);
     ( 593127.6, 4123119.9,      90.1,      90.1,       0.0);         ( 593167.6,
4123119.9,      89.7,      89.7,       0.0);
     ( 593207.6, 4123119.9,      89.4,      89.4,       0.0);         ( 593247.6,
4123119.9,      88.8,      88.8,       0.0);
     ( 593287.6, 4123119.9,      88.8,      88.8,       0.0);         ( 593327.6,
4123119.9,      88.2,      88.2,       0.0);
     ( 593367.6, 4123119.9,      88.2,      88.2,       0.0);         ( 593407.6,
4123119.9,      87.7,      87.7,       0.0);
     ( 593447.6, 4123119.9,      87.6,      87.6,       0.0);         ( 593487.6,
4123119.9,      87.0,      87.0,       0.0);
     ( 593527.6, 4123119.9,      86.7,      86.7,       0.0);         ( 593567.6,
4123119.9,      85.9,      85.9,       0.0);
     ( 593607.6, 4123119.9,      85.8,      85.8,       0.0);         ( 593647.6,
4123119.9,      85.6,      85.6,       0.0);
     ( 593687.6, 4123119.9,      85.4,      85.4,       0.0);         ( 593727.6,
4123119.9,      85.2,      85.2,       0.0);
     ( 593767.6, 4123119.9,      84.9,      84.9,       0.0);         ( 593807.6,
4123119.9,      84.3,      84.3,       0.0);
     ( 593847.6, 4123119.9,      83.6,      83.6,       0.0);         ( 593887.6,
4123119.9,      83.5,      83.5,       0.0);
     ( 593927.6, 4123119.9,      83.4,      83.4,       0.0);         ( 593967.6,
4123119.9,      83.0,      83.0,       0.0);
     ( 594007.6, 4123119.9,      83.3,      83.3,       0.0);         ( 592567.6,
4123159.9,      90.9,      90.9,       0.0);
     ( 592607.6, 4123159.9,      90.8,      90.8,       0.0);         ( 592647.6,
4123159.9,      91.1,      91.1,       0.0);
     ( 592687.6, 4123159.9,      93.0,      93.0,       0.0);         ( 592727.6,
4123159.9,      93.2,      93.2,       0.0);
     ( 592767.6, 4123159.9,      93.0,      93.0,       0.0);         ( 592807.6,
4123159.9,      92.7,      92.7,       0.0);
     ( 592847.6, 4123159.9,      92.4,      92.4,       0.0);         ( 592887.6,
4123159.9,      92.0,      92.0,       0.0);
     ( 592927.6, 4123159.9,      91.6,      91.6,       0.0);         ( 592967.6,
4123159.9,      91.3,      91.3,       0.0);
     ( 593007.6, 4123159.9,      90.9,      90.9,       0.0);         ( 593047.6,
4123159.9,      90.9,      90.9,       0.0);
     ( 593087.6, 4123159.9,      90.6,      90.6,       0.0);         ( 593127.6,
4123159.9,      90.2,      90.2,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593647.6, 4123159.9, 85.4, 85.4, 0.0); (593687.6, 4123159.9, 85.2, 85.2, 0.0);
(593727.6, 4123159.9, 84.9, 84.9, 0.0); (593767.6, 4123159.9, 84.7, 84.7, 0.0);
(593807.6, 4123159.9, 84.2, 84.2, 0.0); (593847.6, 4123159.9, 83.5, 83.5, 0.0);
(593887.6, 4123159.9, 83.1, 83.1, 0.0); (593927.6, 4123159.9, 82.8, 82.8, 0.0);
(593967.6, 4123159.9, 82.5, 82.5, 0.0); (594007.6, 4123159.9, 82.7, 82.7, 0.0);
(592567.6, 4123199.9, 90.8, 90.8, 0.0); (592607.6, 4123199.9, 90.6, 90.6, 0.0);
(592647.6, 4123199.9, 90.5, 90.5, 0.0); (592687.6, 4123199.9, 91.6, 91.6, 0.0);
(592727.6, 4123199.9, 92.8, 92.8, 0.0); (592767.6, 4123199.9, 92.7, 92.7, 0.0);
(592807.6, 4123199.9, 92.4, 92.4, 0.0); (592847.6, 4123199.9, 91.9, 91.9, 0.0);
(592887.6, 4123199.9, 91.6, 91.6, 0.0); (592927.6, 4123199.9, 91.2, 91.2, 0.0);
(592967.6, 4123199.9, 90.8, 90.8, 0.0); (593007.6, 4123199.9, 90.7, 90.7, 0.0);
(593047.6, 4123199.9, 90.4, 90.4, 0.0); (593087.6, 4123199.9, 90.1, 90.1, 0.0);
(593127.6, 4123199.9, 90.1, 90.1, 0.0); (593167.6, 4123199.9, 89.5, 89.5, 0.0);

```
     ( 593207.6, 4123199.9,      89.0,      89.0,       0.0);         ( 593247.6,
4123199.9,      88.6,      88.6,       0.0);
     ( 593287.6, 4123199.9,      88.4,      88.4,       0.0);         ( 593327.6,
4123199.9,      88.0,      88.0,       0.0);
     ( 593367.6, 4123199.9,      87.8,      87.8,       0.0);         ( 593407.6,
4123199.9,      87.4,      87.4,       0.0);
     ( 593447.6, 4123199.9,      87.1,      87.1,       0.0);         ( 593487.6,
4123199.9,      86.9,      86.9,       0.0);
     ( 593527.6, 4123199.9,      86.1,      86.1,       0.0);         ( 593567.6,
4123199.9,      85.6,      85.6,       0.0);
     ( 593607.6, 4123199.9,      85.5,      85.5,       0.0);         ( 593647.6,
4123199.9,      85.4,      85.4,       0.0);
     ( 593687.6, 4123199.9,      84.7,      84.7,       0.0);         ( 593727.6,
4123199.9,      84.5,      84.5,       0.0);
     ( 593767.6, 4123199.9,      84.3,      84.3,       0.0);         ( 593807.6,
4123199.9,      83.9,      83.9,       0.0);
     ( 593847.6, 4123199.9,      83.5,      83.5,       0.0);         ( 593887.6,
4123199.9,      83.1,      83.1,       0.0);
     ( 593927.6, 4123199.9,      82.6,      82.6,       0.0);         ( 593967.6,
4123199.9,      82.3,      82.3,       0.0);
     ( 594007.6, 4123199.9,      82.2,      82.2,       0.0);         ( 592567.6,
4123239.9,      90.8,      90.8,       0.0);
     ( 592607.6, 4123239.9,      90.5,      90.5,       0.0);         ( 592647.6,
4123239.9,      89.9,      89.9,       0.0);
     ( 592687.6, 4123239.9,      90.2,      90.2,       0.0);         ( 592727.6,
4123239.9,      91.5,      91.5,       0.0);
     ( 592767.6, 4123239.9,      92.3,      92.3,       0.0);         ( 592807.6,
4123239.9,      92.1,      92.1,       0.0);
     ( 592847.6, 4123239.9,      91.8,      91.8,       0.0);         ( 592887.6,
4123239.9,      92.0,      92.0,       0.0);
     ( 592927.6, 4123239.9,      91.5,      91.5,       0.0);         ( 592967.6,
4123239.9,      90.6,      90.6,       0.0);
     ( 593007.6, 4123239.9,      90.4,      90.4,       0.0);         ( 593047.6,
4123239.9,      90.0,      90.0,       0.0);
     ( 593087.6, 4123239.9,      89.7,      89.7,       0.0);         ( 593127.6,
4123239.9,      89.4,      89.4,       0.0);
     ( 593167.6, 4123239.9,      89.0,      89.0,       0.0);         ( 593207.6,
4123239.9,      88.7,      88.7,       0.0);
     ( 593247.6, 4123239.9,      88.4,      88.4,       0.0);         ( 593287.6,
4123239.9,      88.0,      88.0,       0.0);
     ( 593327.6, 4123239.9,      87.6,      87.6,       0.0);         ( 593367.6,
4123239.9,      87.3,      87.3,       0.0);
     ( 593407.6, 4123239.9,      86.8,      86.8,       0.0);         ( 593447.6,
4123239.9,      86.5,      86.5,       0.0);
     ( 593487.6, 4123239.9,      86.4,      86.4,       0.0);         ( 593527.6,
4123239.9,      85.9,      85.9,       0.0);
     ( 593567.6, 4123239.9,      85.5,      85.5,       0.0);         ( 593607.6,
4123239.9,      85.2,      85.2,       0.0);
     ( 593647.6, 4123239.9,      84.8,      84.8,       0.0);         ( 593687.6,
4123239.9,      84.6,      84.6,       0.0);
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(593727.6, 4123239.9, 84.4, 84.4, 0.0); (593767.6, 4123239.9, 84.1, 84.1, 0.0);
(593807.6, 4123239.9, 83.8, 83.8, 0.0); (593847.6, 4123239.9, 83.7, 83.7, 0.0);
(593887.6, 4123239.9, 83.3, 83.3, 0.0); (593927.6, 4123239.9, 82.7, 82.7, 0.0);
(593967.6, 4123239.9, 82.1, 82.1, 0.0); (594007.6, 4123239.9, 81.8, 81.8, 0.0);
(592567.6, 4123279.9, 90.5, 90.5, 0.0); (592607.6, 4123279.9, 90.0, 90.0, 0.0);
(592647.6, 4123279.9, 89.4, 89.4, 0.0); (592687.6, 4123279.9, 89.4, 89.4, 0.0);
(592727.6, 4123279.9, 90.0, 90.0, 0.0); (592767.6, 4123279.9, 91.4, 91.4, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(592807.6, 4123279.9, 91.8, 91.8, 0.0); (592847.6, 4123279.9, 91.7, 91.7, 0.0);
(592887.6, 4123279.9, 92.1, 92.1, 0.0); (592927.6, 4123279.9, 91.4, 91.4, 0.0);
(592967.6, 4123279.9, 90.6, 90.6, 0.0); (593007.6, 4123279.9, 90.3, 90.3, 0.0);
(593047.6, 4123279.9, 90.0, 90.0, 0.0); (593087.6, 4123279.9, 89.6, 89.6, 0.0);
(593127.6, 4123279.9, 88.9, 88.9, 0.0); (593167.6, 4123279.9, 88.6, 88.6, 0.0);
(593207.6, 4123279.9, 88.6, 88.6, 0.0); (593247.6, 4123279.9, 88.5, 88.5, 0.0);
(593287.6, 4123279.9, 88.0, 88.0, 0.0); (593327.6, 4123279.9, 87.6, 87.6, 0.0);
(593367.6, 4123279.9, 87.0, 87.0, 0.0); (593407.6, 4123279.9, 85.1, 85.1, 0.0);
(593447.6, 4123279.9, 85.5, 85.5, 0.0); (593487.6, 4123279.9, 86.7, 86.7, 0.0);
(593527.6, 4123279.9, 86.1, 86.1, 0.0); (593567.6, 4123279.9, 85.7, 85.7, 0.0);
(593607.6, 4123279.9, 85.2, 85.2, 0.0); (593647.6, 4123279.9, 84.4, 84.4, 0.0);
(593687.6, 4123279.9, 84.3, 84.3, 0.0); (593727.6, 4123279.9, 84.2, 84.2, 0.0);

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     ( 593767.6, 4123279.9,      83.8,      83.8,       0.0);         ( 593807.6,
4123279.9,      83.5,      83.5,       0.0);
     ( 593847.6, 4123279.9,      83.3,      83.3,       0.0);         ( 593887.6,
4123279.9,      82.8,      82.8,       0.0);
     ( 593927.6, 4123279.9,      82.4,      82.4,       0.0);         ( 593967.6,
4123279.9,      81.9,      81.9,       0.0);
     ( 594007.6, 4123279.9,      82.1,      82.1,       0.0);         ( 592567.6,
4123319.9,      89.6,      89.6,       0.0);
     ( 592607.6, 4123319.9,      89.4,      89.4,       0.0);         ( 592647.6,
4123319.9,      89.2,      89.2,       0.0);
     ( 592687.6, 4123319.9,      89.1,      89.1,       0.0);         ( 592727.6,
4123319.9,      89.1,      89.1,       0.0);
     ( 592767.6, 4123319.9,      89.9,      89.9,       0.0);         ( 592807.6,
4123319.9,      91.4,      91.4,       0.0);
     ( 592847.6, 4123319.9,      91.5,      91.5,       0.0);         ( 592887.6,
4123319.9,      91.8,      91.8,       0.0);
     ( 592927.6, 4123319.9,      90.9,      90.9,       0.0);         ( 592967.6,
4123319.9,      90.5,      90.5,       0.0);
     ( 593007.6, 4123319.9,      90.3,      90.3,       0.0);         ( 593047.6,
4123319.9,      89.6,      89.6,       0.0);
     ( 593087.6, 4123319.9,      89.1,      89.1,       0.0);         ( 593127.6,
4123319.9,      88.6,      88.6,       0.0);
     ( 593167.6, 4123319.9,      88.3,      88.3,       0.0);         ( 593207.6,
4123319.9,      88.5,      88.5,       0.0);
     ( 593247.6, 4123319.9,      88.4,      88.4,       0.0);         ( 593287.6,
4123319.9,      87.7,      87.7,       0.0);
     ( 593327.6, 4123319.9,      87.3,      87.3,       0.0);         ( 593367.6,
4123319.9,      86.2,      86.2,       0.0);
     ( 593407.6, 4123319.9,      83.6,      83.6,       0.0);         ( 593447.6,
4123319.9,      85.1,      85.1,       0.0);
     ( 593487.6, 4123319.9,      86.5,      86.5,       0.0);         ( 593527.6,
4123319.9,      85.9,      85.9,       0.0);
     ( 593567.6, 4123319.9,      85.5,      85.5,       0.0);         ( 593607.6,
4123319.9,      85.1,      85.1,       0.0);
     ( 593647.6, 4123319.9,      84.3,      84.3,       0.0);         ( 593687.6,
4123319.9,      83.9,      83.9,       0.0);
     ( 593727.6, 4123319.9,      83.9,      83.9,       0.0);         ( 593767.6,
4123319.9,      83.5,      83.5,       0.0);
     ( 593807.6, 4123319.9,      83.2,      83.2,       0.0);         ( 593847.6,
4123319.9,      82.9,      82.9,       0.0);
     ( 593887.6, 4123319.9,      82.3,      82.3,       0.0);         ( 593927.6,
4123319.9,      82.0,      82.0,       0.0);
     ( 593967.6, 4123319.9,      81.6,      81.6,       0.0);         ( 594007.6,
4123319.9,      82.3,      82.3,       0.0);
     ( 592567.6, 4123359.9,      89.4,      89.4,       0.0);         ( 592607.6,
4123359.9,      89.1,      89.1,       0.0);
     ( 592647.6, 4123359.9,      89.0,      89.0,       0.0);         ( 592687.6,
4123359.9,      88.9,      88.9,       0.0);
     ( 592727.6, 4123359.9,      88.8,      88.8,       0.0);         ( 592767.6,
4123359.9,      88.9,      88.9,       0.0);
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(592807.6, 4123359.9, 90.2, 90.2, 0.0); (592847.6, 4123359.9, 91.0, 91.0, 0.0);
(592887.6, 4123359.9, 91.0, 91.0, 0.0); (592927.6, 4123359.9, 90.1, 90.1, 0.0);
(592967.6, 4123359.9, 90.0, 90.0, 0.0); (593007.6, 4123359.9, 89.6, 89.6, 0.0);
(593047.6, 4123359.9, 89.3, 89.3, 0.0); (593087.6, 4123359.9, 88.8, 88.8, 0.0);
(593127.6, 4123359.9, 88.4, 88.4, 0.0); (593167.6, 4123359.9, 88.1, 88.1, 0.0);
(593207.6, 4123359.9, 88.3, 88.3, 0.0); (593247.6, 4123359.9, 88.2, 88.2, 0.0);
(593287.6, 4123359.9, 87.5, 87.5, 0.0); (593327.6, 4123359.9, 87.0, 87.0, 0.0);
(593367.6, 4123359.9, 85.9, 85.9, 0.0); (593407.6, 4123359.9, 83.1, 83.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593447.6, 4123359.9, 83.0, 83.0, 0.0); (593487.6, 4123359.9, 84.4, 84.4, 0.0);
(593527.6, 4123359.9, 85.3, 85.3, 0.0); (593567.6, 4123359.9, 85.2, 85.2, 0.0);
(593607.6, 4123359.9, 84.9, 84.9, 0.0); (593647.6, 4123359.9, 84.3, 84.3, 0.0);
(593687.6, 4123359.9, 83.8, 83.8, 0.0); (593727.6, 4123359.9, 83.7, 83.7, 0.0);
(593767.6, 4123359.9, 83.4, 83.4, 0.0); (593807.6, 4123359.9, 82.8, 82.8, 0.0);
(593847.6, 4123359.9, 82.4, 82.4, 0.0); (593887.6, 4123359.9, 82.1, 82.1, 0.0);
(593927.6, 4123359.9, 81.8, 81.8, 0.0); (593967.6, 4123359.9, 81.1, 81.1, 0.0);
(594007.6, 4123359.9, 80.3, 80.3, 0.0); (592567.6, 4123399.9, 89.2, 89.2, 0.0);
(592607.6, 4123399.9, 88.9, 88.9, 0.0); (592647.6, 4123399.9, 88.7, 88.7, 0.0);
(592687.6, 4123399.9, 88.7, 88.7, 0.0); (592727.6, 4123399.9, 88.3, 88.3, 0.0);
(592767.6, 4123399.9, 88.3, 88.3, 0.0); (592807.6, 4123399.9, 88.9, 88.9, 0.0);

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     ( 592847.6, 4123399.9,      90.3,      90.3,       0.0);         ( 592887.6,
4123399.9,      90.5,      90.5,       0.0);
     ( 592927.6, 4123399.9,      90.1,      90.1,       0.0);         ( 592967.6,
4123399.9,      89.5,      89.5,       0.0);
     ( 593007.6, 4123399.9,      89.3,      89.3,       0.0);         ( 593047.6,
4123399.9,      89.2,      89.2,       0.0);
     ( 593087.6, 4123399.9,      88.7,      88.7,       0.0);         ( 593127.6,
4123399.9,      88.5,      88.5,       0.0);
     ( 593167.6, 4123399.9,      87.9,      87.9,       0.0);         ( 593207.6,
4123399.9,      87.8,      87.8,       0.0);
     ( 593247.6, 4123399.9,      87.6,      87.6,       0.0);         ( 593287.6,
4123399.9,      87.3,      87.3,       0.0);
     ( 593327.6, 4123399.9,      86.9,      86.9,       0.0);         ( 593367.6,
4123399.9,      86.7,      86.7,       0.0);
     ( 593407.6, 4123399.9,      85.9,      85.9,       0.0);         ( 593447.6,
4123399.9,      85.6,      85.6,       0.0);
     ( 593487.6, 4123399.9,      85.8,      85.8,       0.0);         ( 593527.6,
4123399.9,      85.5,      85.5,       0.0);
     ( 593567.6, 4123399.9,      85.4,      85.4,       0.0);         ( 593607.6,
4123399.9,      85.0,      85.0,       0.0);
     ( 593647.6, 4123399.9,      84.4,      84.4,       0.0);         ( 593687.6,
4123399.9,      84.1,      84.1,       0.0);
     ( 593727.6, 4123399.9,      83.3,      83.3,       0.0);         ( 593767.6,
4123399.9,      82.6,      82.6,       0.0);
     ( 593807.6, 4123399.9,      81.8,      81.8,       0.0);         ( 593847.6,
4123399.9,      81.0,      81.0,       0.0);
     ( 593887.6, 4123399.9,      80.0,      80.0,       0.0);         ( 593927.6,
4123399.9,      79.0,      79.0,       0.0);
     ( 593967.6, 4123399.9,      78.1,      78.1,       0.0);         ( 594007.6,
4123399.9,      77.6,      77.6,       0.0);
     ( 592567.6, 4123439.9,      88.9,      88.9,       0.0);         ( 592607.6,
4123439.9,      88.7,      88.7,       0.0);
     ( 592647.6, 4123439.9,      88.5,      88.5,       0.0);         ( 592687.6,
4123439.9,      88.3,      88.3,       0.0);
     ( 592727.6, 4123439.9,      87.9,      87.9,       0.0);         ( 592767.6,
4123439.9,      87.9,      87.9,       0.0);
     ( 592807.6, 4123439.9,      88.1,      88.1,       0.0);         ( 592847.6,
4123439.9,      89.5,      89.5,       0.0);
     ( 592887.6, 4123439.9,      90.1,      90.1,       0.0);         ( 592927.6,
4123439.9,      89.7,      89.7,       0.0);
     ( 592967.6, 4123439.9,      89.3,      89.3,       0.0);         ( 593007.6,
4123439.9,      89.1,      89.1,       0.0);
     ( 593047.6, 4123439.9,      88.8,      88.8,       0.0);         ( 593087.6,
4123439.9,      88.8,      88.8,       0.0);
     ( 593127.6, 4123439.9,      89.0,      89.0,       0.0);         ( 593167.6,
4123439.9,      88.0,      88.0,       0.0);
     ( 593207.6, 4123439.9,      87.7,      87.7,       0.0);         ( 593247.6,
4123439.9,      87.5,      87.5,       0.0);
     ( 593287.6, 4123439.9,      87.3,      87.3,       0.0);         ( 593327.6,
4123439.9,      87.0,      87.0,       0.0);
```

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     ( 593367.6, 4123439.9,      87.0,      87.0,       0.0);         ( 593407.6,
4123439.9,      87.0,      87.0,       0.0);
     ( 593447.6, 4123439.9,      86.7,      86.7,       0.0);         ( 593487.6,
4123439.9,      86.0,      86.0,       0.0);
     ( 593527.6, 4123439.9,      85.1,      85.1,       0.0);         ( 593567.6,
4123439.9,      84.5,      84.5,       0.0);
     ( 593607.6, 4123439.9,      83.5,      83.5,       0.0);         ( 593647.6,
4123439.9,      82.4,      82.4,       0.0);
     ( 593687.6, 4123439.9,      81.7,      81.7,       0.0);         ( 593727.6,
4123439.9,      80.8,      80.8,       0.0);
     ( 593767.6, 4123439.9,      80.0,      80.0,       0.0);         ( 593807.6,
4123439.9,      79.4,      79.4,       0.0);
     ( 593847.6, 4123439.9,      79.2,      79.2,       0.0);         ( 593887.6,
4123439.9,      79.3,      79.3,       0.0);
     ( 593927.6, 4123439.9,      79.6,      79.6,       0.0);         ( 593967.6,
4123439.9,      79.7,      81.3,       0.0);
     ( 594007.6, 4123439.9,      79.9,      79.9,       0.0);         ( 592567.6,
4123479.9,      87.9,      87.9,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***       09:05:37

                                    PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 592607.6, 4123479.9,      88.3,      88.3,       0.0);         ( 592647.6,
4123479.9,      88.1,      88.1,       0.0);
     ( 592687.6, 4123479.9,      87.9,      87.9,       0.0);         ( 592727.6,
4123479.9,      87.7,      87.7,       0.0);
     ( 592767.6, 4123479.9,      87.7,      87.7,       0.0);         ( 592807.6,
4123479.9,      87.6,      87.6,       0.0);
     ( 592847.6, 4123479.9,      88.6,      88.6,       0.0);         ( 592887.6,
4123479.9,      89.6,      89.6,       0.0);
     ( 592927.6, 4123479.9,      89.5,      89.5,       0.0);         ( 592967.6,
4123479.9,      89.5,      89.5,       0.0);
     ( 593007.6, 4123479.9,      89.2,      89.2,       0.0);         ( 593047.6,
4123479.9,      88.9,      88.9,       0.0);
     ( 593087.6, 4123479.9,      88.5,      88.5,       0.0);         ( 593127.6,
4123479.9,      88.0,      88.0,       0.0);
     ( 593167.6, 4123479.9,      87.9,      87.9,       0.0);         ( 593207.6,
4123479.9,      87.6,      87.6,       0.0);
     ( 593247.6, 4123479.9,      87.3,      87.3,       0.0);         ( 593287.6,
4123479.9,      87.3,      87.3,       0.0);
     ( 593327.6, 4123479.9,      87.1,      87.1,       0.0);         ( 593367.6,
4123479.9,      86.2,      86.2,       0.0);
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     ( 593407.6, 4123479.9,      84.9,      84.9,       0.0);         ( 593447.6,
4123479.9,      83.5,      86.7,       0.0);
     ( 593487.6, 4123479.9,      82.4,      86.3,       0.0);         ( 593527.6,
4123479.9,      81.7,      84.9,       0.0);
     ( 593567.6, 4123479.9,      81.2,      81.2,       0.0);         ( 593607.6,
4123479.9,      80.8,      80.8,       0.0);
     ( 593647.6, 4123479.9,      80.5,      80.5,       0.0);         ( 593687.6,
4123479.9,      80.5,      80.5,       0.0);
     ( 593727.6, 4123479.9,      80.5,      80.5,       0.0);         ( 593767.6,
4123479.9,      81.0,      81.0,       0.0);
     ( 593807.6, 4123479.9,      81.8,      81.8,       0.0);         ( 593847.6,
4123479.9,      81.9,      81.9,       0.0);
     ( 593887.6, 4123479.9,      81.6,      81.6,       0.0);         ( 593927.6,
4123479.9,      81.3,      81.3,       0.0);
     ( 593967.6, 4123479.9,      80.8,      80.8,       0.0);         ( 594007.6,
4123479.9,      80.6,      80.6,       0.0);
     ( 592567.6, 4123519.9,      88.0,      88.0,       0.0);         ( 592607.6,
4123519.9,      87.6,      87.6,       0.0);
     ( 592647.6, 4123519.9,      87.8,      87.8,       0.0);         ( 592687.6,
4123519.9,      87.6,      87.6,       0.0);
     ( 592727.6, 4123519.9,      87.5,      87.5,       0.0);         ( 592767.6,
4123519.9,      87.4,      87.4,       0.0);
     ( 592807.6, 4123519.9,      87.4,      87.4,       0.0);         ( 592847.6,
4123519.9,      87.5,      87.5,       0.0);
     ( 592887.6, 4123519.9,      88.8,      88.8,       0.0);         ( 592927.6,
4123519.9,      89.1,      89.1,       0.0);
     ( 592967.6, 4123519.9,      88.9,      88.9,       0.0);         ( 593007.6,
4123519.9,      88.4,      88.4,       0.0);
     ( 593047.6, 4123519.9,      87.9,      87.9,       0.0);         ( 593087.6,
4123519.9,      87.3,      87.3,       0.0);
     ( 593127.6, 4123519.9,      86.7,      87.8,       0.0);         ( 593167.6,
4123519.9,      86.1,      86.1,       0.0);
     ( 593207.6, 4123519.9,      85.6,      87.2,       0.0);         ( 593247.6,
4123519.9,      84.9,      86.1,       0.0);
     ( 593287.6, 4123519.9,      84.1,      84.1,       0.0);         ( 593327.6,
4123519.9,      83.3,      83.3,       0.0);
     ( 593367.6, 4123519.9,      82.6,      82.6,       0.0);         ( 593407.6,
4123519.9,      82.3,      82.3,       0.0);
     ( 593447.6, 4123519.9,      82.0,      82.0,       0.0);         ( 593487.6,
4123519.9,      81.8,      81.8,       0.0);
     ( 593527.6, 4123519.9,      81.7,      81.7,       0.0);         ( 593567.6,
4123519.9,      81.8,      81.8,       0.0);
     ( 593607.6, 4123519.9,      82.3,      82.3,       0.0);         ( 593647.6,
4123519.9,      83.0,      83.0,       0.0);
     ( 593687.6, 4123519.9,      83.2,      83.2,       0.0);         ( 593727.6,
4123519.9,      83.0,      83.0,       0.0);
     ( 593767.6, 4123519.9,      82.9,      82.9,       0.0);         ( 593807.6,
4123519.9,      82.0,      82.0,       0.0);
     ( 593847.6, 4123519.9,      81.8,      81.8,       0.0);         ( 593887.6,
4123519.9,      81.1,      81.1,       0.0);
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(593927.6, 4123519.9, 80.9, 80.9, 0.0); (593967.6, 4123519.9, 80.2, 80.2, 0.0);
(594007.6, 4123519.9, 80.1, 80.1, 0.0); (592567.6, 4123559.9, 88.9, 88.9, 0.0);
(592607.6, 4123559.9, 88.0, 88.0, 0.0); (592647.6, 4123559.9, 87.3, 87.3, 0.0);
(592687.6, 4123559.9, 87.1, 87.1, 0.0); (592727.6, 4123559.9, 87.0, 87.0, 0.0);
(592767.6, 4123559.9, 86.8, 86.8, 0.0); (592807.6, 4123559.9, 86.5, 86.5, 0.0);
(592847.6, 4123559.9, 86.2, 86.2, 0.0); (592887.6, 4123559.9, 86.0, 89.1, 0.0);
(592927.6, 4123559.9, 84.8, 89.1, 0.0); (592967.6, 4123559.9, 83.4, 89.5, 0.0);
(593007.6, 4123559.9, 82.3, 89.5, 0.0); (593047.6, 4123559.9, 81.9, 89.4, 0.0);
(593087.6, 4123559.9, 81.9, 88.9, 0.0); (593127.6, 4123559.9, 82.0, 88.2, 0.0);
(593167.6, 4123559.9, 82.1, 87.4, 0.0); (593207.6, 4123559.9, 82.2, 82.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(593247.6, 4123559.9, 82.3, 82.3, 0.0); (593287.6, 4123559.9, 82.4, 82.4, 0.0);
(593327.6, 4123559.9, 82.5, 82.5, 0.0); (593367.6, 4123559.9, 82.5, 82.5, 0.0);
(593407.6, 4123559.9, 82.6, 82.6, 0.0); (593447.6, 4123559.9, 82.8, 82.8, 0.0);
(593487.6, 4123559.9, 82.9, 82.9, 0.0); (593527.6, 4123559.9, 83.1, 83.1, 0.0);
(593567.6, 4123559.9, 83.6, 83.6, 0.0); (593607.6, 4123559.9, 83.4, 83.4, 0.0);
(593647.6, 4123559.9, 83.3, 83.3, 0.0); (593687.6, 4123559.9, 83.1, 83.1, 0.0);
(593727.6, 4123559.9, 82.8, 82.8, 0.0); (593767.6, 4123559.9, 82.4, 82.4, 0.0);
(593807.6, 4123559.9, 81.5, 81.5, 0.0); (593847.6, 4123559.9, 81.3, 81.3, 0.0);
(593887.6, 4123559.9, 80.6, 80.6, 0.0); (593927.6, 4123559.9, 80.4, 80.4, 0.0);

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     ( 593967.6, 4123559.9,      79.7,      79.7,       0.0);         ( 594007.6,
4123559.9,      79.6,      79.6,       0.0);
     ( 592567.6, 4123599.9,      88.5,      88.5,       0.0);         ( 592607.6,
4123599.9,      87.9,      87.9,       0.0);
     ( 592647.6, 4123599.9,      87.7,      87.7,       0.0);         ( 592687.6,
4123599.9,      87.5,      87.5,       0.0);
     ( 592727.6, 4123599.9,      87.5,      87.5,       0.0);         ( 592767.6,
4123599.9,      87.2,      87.2,       0.0);
     ( 592807.6, 4123599.9,      84.4,      84.9,       0.0);         ( 592847.6,
4123599.9,      82.1,      86.2,       0.0);
     ( 592887.6, 4123599.9,      80.1,      89.1,       0.0);         ( 592927.6,
4123599.9,      78.9,      89.4,       0.0);
     ( 592967.6, 4123599.9,      78.6,      89.5,       0.0);         ( 593007.6,
4123599.9,      78.9,      89.5,       0.0);
     ( 593047.6, 4123599.9,      79.3,      89.2,       0.0);         ( 593087.6,
4123599.9,      80.0,      80.0,       0.0);
     ( 593127.6, 4123599.9,      80.6,      80.6,       0.0);         ( 593167.6,
4123599.9,      81.2,      81.2,       0.0);
     ( 593207.6, 4123599.9,      82.0,      82.0,       0.0);         ( 593247.6,
4123599.9,      82.7,      82.7,       0.0);
     ( 593287.6, 4123599.9,      83.2,      83.2,       0.0);         ( 593327.6,
4123599.9,      83.6,      83.6,       0.0);
     ( 593367.6, 4123599.9,      84.1,      84.1,       0.0);         ( 593407.6,
4123599.9,      84.3,      84.3,       0.0);
     ( 593447.6, 4123599.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123599.9,      83.9,      83.9,       0.0);
     ( 593527.6, 4123599.9,      83.4,      83.4,       0.0);         ( 593567.6,
4123599.9,      83.5,      83.5,       0.0);
     ( 593607.6, 4123599.9,      83.0,      83.0,       0.0);         ( 593647.6,
4123599.9,      83.0,      83.0,       0.0);
     ( 593687.6, 4123599.9,      83.1,      83.1,       0.0);         ( 593727.6,
4123599.9,      82.5,      82.5,       0.0);
     ( 593767.6, 4123599.9,      82.0,      82.0,       0.0);         ( 593807.6,
4123599.9,      81.5,      81.5,       0.0);
     ( 593847.6, 4123599.9,      81.0,      81.0,       0.0);         ( 593887.6,
4123599.9,      80.2,      80.2,       0.0);
     ( 593927.6, 4123599.9,      80.2,      80.2,       0.0);         ( 593967.6,
4123599.9,      79.4,      79.4,       0.0);
     ( 594007.6, 4123599.9,      79.4,      79.4,       0.0);         ( 593087.6,
4123639.9,      81.7,      88.6,       0.0);
     ( 593127.6, 4123639.9,      83.2,      87.3,       0.0);         ( 593167.6,
4123639.9,      84.5,      84.5,       0.0);
     ( 593207.6, 4123639.9,      85.0,      85.0,       0.0);         ( 593247.6,
4123639.9,      85.3,      85.3,       0.0);
     ( 593287.6, 4123639.9,      85.0,      85.0,       0.0);         ( 593327.6,
4123639.9,      85.0,      85.0,       0.0);
     ( 593367.6, 4123639.9,      84.5,      84.5,       0.0);         ( 593407.6,
4123639.9,      84.4,      84.4,       0.0);
     ( 593447.6, 4123639.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123639.9,      83.7,      83.7,       0.0);
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     ( 593527.6, 4123639.9,      83.3,      83.3,       0.0);         ( 593567.6,
4123639.9,      83.0,      83.0,       0.0);
     ( 593607.6, 4123639.9,      82.9,      82.9,       0.0);         ( 593647.6,
4123639.9,      82.3,      82.3,       0.0);
     ( 593687.6, 4123639.9,      82.7,      82.7,       0.0);         ( 593727.6,
4123639.9,      82.2,      82.2,       0.0);
     ( 593767.6, 4123639.9,      82.1,      82.1,       0.0);         ( 593807.6,
4123639.9,      81.4,      81.4,       0.0);
     ( 593847.6, 4123639.9,      81.1,      81.1,       0.0);         ( 593887.6,
4123639.9,      80.0,      80.0,       0.0);
     ( 593927.6, 4123639.9,      79.9,      79.9,       0.0);         ( 593967.6,
4123639.9,      79.2,      79.2,       0.0);
     ( 594007.6, 4123639.9,      79.0,      79.0,       0.0);         ( 593087.6,
4123679.9,      86.7,      88.6,       0.0);
     ( 593127.6, 4123679.9,      87.3,      87.3,       0.0);         ( 593167.6,
4123679.9,      86.5,      86.5,       0.0);
     ( 593207.6, 4123679.9,      85.9,      85.9,       0.0);         ( 593247.6,
4123679.9,      85.9,      85.9,       0.0);
     ( 593287.6, 4123679.9,      85.1,      85.1,       0.0);         ( 593327.6,
4123679.9,      84.7,      84.7,       0.0);
     ( 593367.6, 4123679.9,      84.5,      84.5,       0.0);         ( 593407.6,
4123679.9,      84.1,      84.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***       09:05:37

                                    PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 593447.6, 4123679.9,      83.9,      83.9,       0.0);         ( 593487.6,
4123679.9,      83.3,      83.3,       0.0);
     ( 593527.6, 4123679.9,      83.2,      83.2,       0.0);         ( 593567.6,
4123679.9,      82.6,      82.6,       0.0);
     ( 593607.6, 4123679.9,      82.6,      82.6,       0.0);         ( 593647.6,
4123679.9,      82.4,      82.4,       0.0);
     ( 593687.6, 4123679.9,      82.3,      82.3,       0.0);         ( 593727.6,
4123679.9,      82.1,      82.1,       0.0);
     ( 593767.6, 4123679.9,      81.9,      81.9,       0.0);         ( 593807.6,
4123679.9,      81.0,      81.0,       0.0);
     ( 593847.6, 4123679.9,      80.8,      80.8,       0.0);         ( 593887.6,
4123679.9,      79.7,      79.7,       0.0);
     ( 593927.6, 4123679.9,      79.7,      79.7,       0.0);         ( 593967.6,
4123679.9,      79.0,      79.0,       0.0);
     ( 594007.6, 4123679.9,      78.8,      78.8,       0.0);         ( 593087.6,
4123719.9,      87.0,      87.0,       0.0);
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     ( 593127.6, 4123719.9,      86.4,      86.4,       0.0);         ( 593167.6,
4123719.9,      85.8,      85.8,       0.0);
     ( 593207.6, 4123719.9,      85.5,      85.5,       0.0);         ( 593247.6,
4123719.9,      85.5,      85.5,       0.0);
     ( 593287.6, 4123719.9,      85.0,      85.0,       0.0);         ( 593327.6,
4123719.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123719.9,      84.3,      84.3,       0.0);         ( 593407.6,
4123719.9,      83.8,      83.8,       0.0);
     ( 593447.6, 4123719.9,      83.6,      83.6,       0.0);         ( 593487.6,
4123719.9,      83.2,      83.2,       0.0);
     ( 593527.6, 4123719.9,      82.8,      82.8,       0.0);         ( 593567.6,
4123719.9,      82.7,      82.7,       0.0);
     ( 593607.6, 4123719.9,      82.1,      82.1,       0.0);         ( 593647.6,
4123719.9,      82.3,      82.3,       0.0);
     ( 593687.6, 4123719.9,      82.1,      82.1,       0.0);         ( 593727.6,
4123719.9,      81.6,      81.6,       0.0);
     ( 593767.6, 4123719.9,      81.4,      81.4,       0.0);         ( 593807.6,
4123719.9,      80.7,      80.7,       0.0);
     ( 593847.6, 4123719.9,      80.1,      80.1,       0.0);         ( 593887.6,
4123719.9,      79.3,      79.3,       0.0);
     ( 593927.6, 4123719.9,      79.3,      79.3,       0.0);         ( 593967.6,
4123719.9,      78.9,      78.9,       0.0);
     ( 594007.6, 4123719.9,      78.6,      78.6,       0.0);         ( 593087.6,
4123759.9,      86.4,      86.4,       0.0);
     ( 593127.6, 4123759.9,      86.2,      86.2,       0.0);         ( 593167.6,
4123759.9,      85.9,      85.9,       0.0);
     ( 593207.6, 4123759.9,      85.0,      85.0,       0.0);         ( 593247.6,
4123759.9,      84.7,      84.7,       0.0);
     ( 593287.6, 4123759.9,      84.9,      84.9,       0.0);         ( 593327.6,
4123759.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123759.9,      83.7,      83.7,       0.0);         ( 593407.6,
4123759.9,      83.7,      83.7,       0.0);
     ( 593447.6, 4123759.9,      83.1,      83.1,       0.0);         ( 593487.6,
4123759.9,      83.1,      83.1,       0.0);
     ( 593527.6, 4123759.9,      82.5,      82.5,       0.0);         ( 593567.6,
4123759.9,      82.5,      82.5,       0.0);
     ( 593607.6, 4123759.9,      82.1,      82.1,       0.0);         ( 593647.6,
4123759.9,      81.8,      81.8,       0.0);
     ( 593687.6, 4123759.9,      81.8,      81.8,       0.0);         ( 593727.6,
4123759.9,      81.3,      81.3,       0.0);
     ( 593767.6, 4123759.9,      81.0,      81.0,       0.0);         ( 593807.6,
4123759.9,      80.1,      80.1,       0.0);
     ( 593847.6, 4123759.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123759.9,      79.6,      79.6,       0.0);
     ( 593927.6, 4123759.9,      79.1,      79.1,       0.0);         ( 593967.6,
4123759.9,      78.5,      78.5,       0.0);
     ( 594007.6, 4123759.9,      78.3,      78.3,       0.0);         ( 593087.6,
4123799.9,      86.0,      86.0,       0.0);
     ( 593127.6, 4123799.9,      85.8,      85.8,       0.0);         ( 593167.6,
4123799.9,      85.3,      85.3,       0.0);
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     ( 593207.6, 4123799.9,      84.9,      84.9,       0.0);         ( 593247.6,
4123799.9,      84.5,      84.5,       0.0);
     ( 593287.6, 4123799.9,      84.4,      84.4,       0.0);         ( 593327.6,
4123799.9,      84.3,      84.3,       0.0);
     ( 593367.6, 4123799.9,      83.5,      83.5,       0.0);         ( 593407.6,
4123799.9,      83.4,      83.4,       0.0);
     ( 593447.6, 4123799.9,      83.1,      83.1,       0.0);         ( 593487.6,
4123799.9,      82.8,      82.8,       0.0);
     ( 593527.6, 4123799.9,      82.6,      82.6,       0.0);         ( 593567.6,
4123799.9,      82.1,      82.1,       0.0);
     ( 593607.6, 4123799.9,      82.2,      82.2,       0.0);         ( 593647.6,
4123799.9,      81.5,      81.5,       0.0);
     ( 593687.6, 4123799.9,      81.1,      81.1,       0.0);         ( 593727.6,
4123799.9,      81.4,      81.4,       0.0);
     ( 593767.6, 4123799.9,      80.4,      80.4,       0.0);         ( 593807.6,
4123799.9,      79.8,      79.8,       0.0);
     ( 593847.6, 4123799.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123799.9,      79.6,      79.6,       0.0);
     ( 593927.6, 4123799.9,      79.1,      79.1,       0.0);         ( 593967.6,
4123799.9,      78.3,      78.3,       0.0);
     ( 594007.6, 4123799.9,      78.2,      78.2,       0.0);         ( 593087.6,
4123839.9,      85.5,      85.5,       0.0);
     ( 593127.6, 4123839.9,      85.4,      85.4,       0.0);         ( 593167.6,
4123839.9,      85.2,      85.2,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***       09:05:37

                                    PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 593207.6, 4123839.9,      84.7,      84.7,       0.0);         ( 593247.6,
4123839.9,      84.2,      84.2,       0.0);
     ( 593287.6, 4123839.9,      84.0,      84.0,       0.0);         ( 593327.6,
4123839.9,      84.0,      84.0,       0.0);
     ( 593367.6, 4123839.9,      83.6,      83.6,       0.0);         ( 593407.6,
4123839.9,      83.1,      83.1,       0.0);
     ( 593447.6, 4123839.9,      83.0,      83.0,       0.0);         ( 593487.6,
4123839.9,      82.4,      82.4,       0.0);
     ( 593527.6, 4123839.9,      82.4,      82.4,       0.0);         ( 593567.6,
4123839.9,      81.8,      81.8,       0.0);
     ( 593607.6, 4123839.9,      81.7,      81.7,       0.0);         ( 593647.6,
4123839.9,      81.2,      81.2,       0.0);
     ( 593687.6, 4123839.9,      80.9,      80.9,       0.0);         ( 593727.6,
4123839.9,      81.1,      81.1,       0.0);
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     ( 593767.6, 4123839.9,      80.2,      80.2,       0.0);         ( 593807.6,
4123839.9,      80.1,      80.1,       0.0);
     ( 593847.6, 4123839.9,      79.5,      79.5,       0.0);         ( 593887.6,
4123839.9,      79.1,      79.1,       0.0);
     ( 593927.6, 4123839.9,      78.4,      78.4,       0.0);         ( 593967.6,
4123839.9,      77.8,      77.8,       0.0);
     ( 594007.6, 4123839.9,      77.8,      77.8,       0.0);         ( 593087.6,
4123879.9,      85.2,      85.2,       0.0);
     ( 593127.6, 4123879.9,      85.1,      85.1,       0.0);         ( 593167.6,
4123879.9,      84.8,      84.8,       0.0);
     ( 593207.6, 4123879.9,      84.5,      84.5,       0.0);         ( 593247.6,
4123879.9,      84.4,      84.4,       0.0);
     ( 593287.6, 4123879.9,      83.6,      83.6,       0.0);         ( 593327.6,
4123879.9,      83.3,      83.3,       0.0);
     ( 593367.6, 4123879.9,      83.5,      83.5,       0.0);         ( 593407.6,
4123879.9,      82.9,      82.9,       0.0);
     ( 593447.6, 4123879.9,      82.5,      82.5,       0.0);         ( 593487.6,
4123879.9,      82.1,      82.1,       0.0);
     ( 593527.6, 4123879.9,      81.9,      81.9,       0.0);         ( 593567.6,
4123879.9,      81.7,      81.7,       0.0);
     ( 593607.6, 4123879.9,      81.5,      81.5,       0.0);         ( 593647.6,
4123879.9,      81.3,      81.3,       0.0);
     ( 593687.6, 4123879.9,      80.6,      80.6,       0.0);         ( 593727.6,
4123879.9,      80.5,      80.5,       0.0);
     ( 593767.6, 4123879.9,      80.2,      80.2,       0.0);         ( 593807.6,
4123879.9,      80.2,      80.2,       0.0);
     ( 593847.6, 4123879.9,      79.6,      79.6,       0.0);         ( 593887.6,
4123879.9,      78.7,      78.7,       0.0);
     ( 593927.6, 4123879.9,      78.1,      78.1,       0.0);         ( 593967.6,
4123879.9,      77.5,      77.5,       0.0);
     ( 594007.6, 4123879.9,      77.4,      77.4,       0.0);

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***       09:05:37

                                    PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                    (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54,   3.09,   5.14,   8.23,   10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\Good Sam Phase I Cons\Good Sam Phase I Cons.SFC
Met Version: 18081
Profile file: ..\Good Sam Phase I Cons\Good Sam Phase I Cons.PFL

Surface format: FREE

Profile format: FREE

Surface station no.:   23293   Upper air station no.:   23230
Name: SAN_JOSE_INT_AIRPORT   Name: OAKLAND/WSO_AP
Year: 2013   Year: 2013

First 24 hours of scalar data
YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN ALBEDO REF WS   WD   HT REF TA   HT
- -

```
 13 01 01   1 01  -17.4  0.169 -9.000 -9.000 -999.  167.     31.4  0.02   2.57
1.00    2.62  136.    7.9  277.0    2.0
 13 01 01   1 02  -12.5  0.137 -9.000 -9.000 -999.  122.     20.8  0.02   2.57
1.00    2.16  129.    7.9  277.0    2.0
 13 01 01   1 03   -4.1  0.080 -9.000 -9.000 -999.   55.     11.3  0.05   2.57
1.00    1.14  227.    7.9  276.4    2.0
 13 01 01   1 04   -6.8  0.103 -9.000 -9.000 -999.   80.     14.8  0.05   2.57
1.00    1.43  102.    7.9  276.4    2.0
 13 01 01   1 05  -10.0  0.126 -9.000 -9.000 -999.  108.     18.3  0.05   2.57
1.00    1.72   79.    7.9  277.0    2.0
 13 01 01   1 06   -6.3  0.096 -9.000 -9.000 -999.   71.     12.8  0.02   2.57
1.00    1.55  153.    7.9  277.5    2.0
 13 01 01   1 07   -2.4  0.062 -9.000 -9.000 -999.   37.      9.0  0.02   2.57
1.00    0.92  171.    7.9  277.5    2.0
 13 01 01   1 08   -7.0  0.105 -9.000 -9.000 -999.   82.     15.0  0.05   2.57
0.74    1.45    6.    7.9  277.5    2.0
 13 01 01   1 09   -0.3  0.039 -9.000 -9.000 -999.   21.     19.3  0.02   2.57
0.39    0.62  119.    7.9  279.2    2.0
 13 01 01   1 10   65.7  0.147  0.659  0.005  159.  135.     -4.4  0.05   2.57
0.27    1.37  228.    7.9  280.9    2.0
 13 01 01   1 11  118.0  0.197  1.211  0.006  550.  209.     -5.9  0.05   2.57
0.23    1.91  208.    7.9  281.4    2.0
 13 01 01   1 12  147.9  0.180  1.536  0.008  894.  184.     -3.6  0.05   2.57
0.21    1.64  225.    7.9  283.1    2.0
 13 01 01   1 13  152.7  0.150  1.579  0.007  941.  139.     -2.0  0.02   2.57
0.21    1.54  302.    7.9  283.8    2.0
 13 01 01   1 14  132.9  0.201  1.528  0.006  980.  216.     -5.6  0.05   2.57
0.22    1.94  277.    7.9  284.9    2.0
 13 01 01   1 15   89.1  0.138  1.349  0.005 1005.  124.     -2.7  0.02   2.57
0.25    1.48  308.    7.9  285.4    2.0
 13 01 01   1 16   25.1  0.174  0.887  0.005 1012.  174.    -19.0  0.05   2.57
0.33    1.86   10.    7.9  285.4    2.0
 13 01 01   1 17  -18.7  0.221 -9.000 -9.000 -999.  249.     53.5  0.05   2.57
0.57    2.89   12.    7.9  283.8    2.0
 13 01 01   1 18  -15.5  0.159 -9.000 -9.000 -999.  153.     27.9  0.05   2.57
1.00    2.13  353.    7.9  282.5    2.0
 13 01 01   1 19  -18.6  0.183 -9.000 -9.000 -999.  188.     36.9  0.05   2.57
1.00    2.50  225.    7.9  280.9    2.0
 13 01 01   1 20   -4.1  0.078 -9.000 -9.000 -999.   59.     10.5  0.02   2.57
1.00    1.26  136.    7.9  280.4    2.0
 13 01 01   1 21  -11.8  0.133 -9.000 -9.000 -999.  117.     19.6  0.02   2.57
1.00    2.10  125.    7.9  278.8    2.0
 13 01 01   1 22   -7.6  0.106 -9.000 -9.000 -999.   83.     14.3  0.02   2.57
1.00    1.70  110.    7.9  277.5    2.0
 13 01 01   1 23   -6.2  0.095 -9.000 -9.000 -999.   71.     12.7  0.02   2.57
1.00    1.54  146.    7.9  277.0    2.0
 13 01 01   1 24  -15.2  0.152 -9.000 -9.000 -999.  142.     25.4  0.02   2.57
1.00    2.37  130.    7.9  277.0    2.0
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592567.59	4122799.92	0.17932	592607.59	4122799.92	0.18222
592647.59	4122799.92	0.18474	592687.59	4122799.92	0.18776
592727.59	4122799.92	0.19032	592767.59	4122799.92	0.19306
592807.59	4122799.92	0.19611	592847.59	4122799.92	0.19868
592887.59	4122799.92	0.20229	592927.59	4122799.92	0.20660
592967.59	4122799.92	0.21163	593007.59	4122799.92	0.21727
593047.59	4122799.92	0.22452	593087.59	4122799.92	0.23299
593127.59	4122799.92	0.24336	593167.59	4122799.92	0.25574
593207.59	4122799.92	0.27092	593247.59	4122799.92	0.28836
593287.59	4122799.92	0.30812	593327.59	4122799.92	0.33144
593367.59	4122799.92	0.35841	593407.59	4122799.92	0.38904
593447.59	4122799.92	0.42171	593487.59		

4122799.92 0.45798
593527.59 4122799.92 0.50832 593567.59
4122799.92 0.56197
593607.59 4122799.92 0.63280 593647.59
4122799.92 0.73464
593687.59 4122799.92 0.88175 593727.59
4122799.92 1.08562
593767.59 4122799.92 1.35278 593807.59
4122799.92 1.67368
593847.59 4122799.92 2.03321 593887.59
4122799.92 2.40233
593927.59 4122799.92 2.75044 593967.59
4122799.92 3.05008
594007.59 4122799.92 3.28065 592567.59
4122839.92 0.19617
592607.59 4122839.92 0.19953 592647.59
4122839.92 0.20253
592687.59 4122839.92 0.20564 592727.59
4122839.92 0.20903
592767.59 4122839.92 0.21271 592807.59
4122839.92 0.21568
592847.59 4122839.92 0.21872 592887.59
4122839.92 0.22222
592927.59 4122839.92 0.22670 592967.59
4122839.92 0.23164
593007.59 4122839.92 0.23836 593047.59
4122839.92 0.24566
593087.59 4122839.92 0.25304 593127.59
4122839.92 0.26331
593167.59 4122839.92 0.27615 593207.59
4122839.92 0.29206
593247.59 4122839.92 0.31066 593287.59
4122839.92 0.33264
593327.59 4122839.92 0.35836 593367.59
4122839.92 0.38865
593407.59 4122839.92 0.42849 593447.59
4122839.92 0.46713
593487.59 4122839.92 0.51133 593527.59
4122839.92 0.56252
593567.59 4122839.92 0.62558 593607.59
4122839.92 0.71015
593647.59 4122839.92 0.83483 593687.59
4122839.92 1.01820
593727.59 4122839.92 1.27520 593767.59
4122839.92 1.61201
593807.59 4122839.92 2.01199 593847.59
4122839.92 2.45006
593887.59 4122839.92 2.88329 593927.59
4122839.92 3.27369
593967.59 4122839.92 3.58972 594007.59

4122839.92   3.81257
         592567.59   4122879.92   0.21595   592607.59
4122879.92   0.21991
         592647.59   4122879.92   0.22323   592687.59
4122879.92   0.22653
         592727.59   4122879.92   0.23115   592767.59
4122879.92   0.23539

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF TOG   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
         592807.59   4122879.92   0.23886   592847.59
4122879.92   0.24302
         592887.59   4122879.92   0.24721   592927.59
4122879.92   0.25189
         592967.59   4122879.92   0.25696   593007.59
4122879.92   0.26294
         593047.59   4122879.92   0.27002   593087.59
4122879.92   0.27754
         593127.59   4122879.92   0.28725   593167.59
4122879.92   0.30110
         593207.59   4122879.92   0.31674   593247.59
4122879.92   0.33701
         593287.59   4122879.92   0.36096   593327.59
4122879.92   0.38965
         593367.59   4122879.92   0.42336   593407.59
4122879.92   0.46873
         593447.59   4122879.92   0.51369   593487.59
4122879.92   0.56584
         593527.59   4122879.92   0.62653   593567.59
4122879.92   0.70158
         593607.59   4122879.92   0.80349   593647.59

4122879.92 0.95769
593687.59 4122879.92 1.19009 593727.59 4122879.92 1.52094
593767.59 4122879.92 1.95173 593807.59 4122879.92 2.45543
593847.59 4122879.92 2.98895 593887.59 4122879.92 3.49399
593927.59 4122879.92 3.92235 593967.59 4122879.92 4.24228
594007.59 4122879.92 4.44170 592567.59 4122919.92 0.23889
592607.59 4122919.92 0.24324 592647.59 4122919.92 0.24785
592687.59 4122919.92 0.25253 592727.59 4122919.92 0.25753
592767.59 4122919.92 0.26210 592807.59 4122919.92 0.26642
592847.59 4122919.92 0.27159 592887.59 4122919.92 0.27615
592927.59 4122919.92 0.28269 592967.59 4122919.92 0.28863
593007.59 4122919.92 0.29400 593047.59 4122919.92 0.30004
593087.59 4122919.92 0.30805 593127.59 4122919.92 0.31814
593167.59 4122919.92 0.33238 593207.59 4122919.92 0.34744
593247.59 4122919.92 0.36891 593287.59 4122919.92 0.39382
593327.59 4122919.92 0.43455 593367.59 4122919.92 0.47134
593407.59 4122919.92 0.51579 593447.59 4122919.92 0.56846
593487.59 4122919.92 0.63038 593527.59 4122919.92 0.70304
593567.59 4122919.92 0.79340 593607.59 4122919.92 0.91808
593647.59 4122919.92 1.11124 593687.59 4122919.92 1.41217
593727.59 4122919.92 1.84579 593767.59 4122919.92 2.40589
593807.59 4122919.92 3.04655 593847.59 4122919.92 3.69536
593887.59 4122919.92 4.27585 593927.59 4122919.92 4.72972
593967.59 4122919.92 5.03202 594007.59 4122919.92 5.18597
592567.59 4122959.92 0.26595 592607.59 4122959.92 0.27081
592647.59 4122959.92 0.27644 592687.59

4122959.92 0.28217
 592727.59 4122959.92 0.28830 592767.59
4122959.92 0.29399
 592807.59 4122959.92 0.29939 592847.59
4122959.92 0.30594
 592887.59 4122959.92 0.31148 592927.59
4122959.92 0.31821
 592967.59 4122959.92 0.32513 593007.59
4122959.92 0.33218

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593047.59	4122959.92	0.33942	593087.59	4122959.92	0.34636
593127.59	4122959.92	0.35744	593167.59	4122959.92	0.37162
593207.59	4122959.92	0.38702	593247.59	4122959.92	0.40919
593287.59	4122959.92	0.43505	593327.59	4122959.92	0.48022
593367.59	4122959.92	0.52076	593407.59	4122959.92	0.57165
593447.59	4122959.92	0.63312	593487.59	4122959.92	0.70726
593527.59	4122959.92	0.79500	593567.59	4122959.92	0.90582
593607.59	4122959.92	1.06031	593647.59	4122959.92	1.30726
593687.59	4122959.92	1.70383	593727.59	4122959.92	2.28322
593767.59	4122959.92	3.02351	593807.59		

4122959.92 3.84280
593847.59 4122959.92 4.63122 593887.59
4122959.92 5.28203
593927.59 4122959.92 5.73604 593967.59
4122959.92 5.98933
594007.59 4122959.92 6.06498 592567.59
4122999.92 0.29728
592607.59 4122999.92 0.30175 592647.59
4122999.92 0.30873
592687.59 4122999.92 0.31613 592727.59
4122999.92 0.32402
592767.59 4122999.92 0.33165 592807.59
4122999.92 0.33903
592847.59 4122999.92 0.34699 592887.59
4122999.92 0.35472
592927.59 4122999.92 0.36280 592967.59
4122999.92 0.37085
593007.59 4122999.92 0.37912 593047.59
4122999.92 0.38746
593087.59 4122999.92 0.39484 593127.59
4122999.92 0.40776
593167.59 4122999.92 0.42218 593207.59
4122999.92 0.43774
593247.59 4122999.92 0.47574 593287.59
4122999.92 0.50165
593327.59 4122999.92 0.53677 593367.59
4122999.92 0.58136
593407.59 4122999.92 0.63951 593447.59
4122999.92 0.71132
593487.59 4122999.92 0.80090 593527.59
4122999.92 0.90869
593567.59 4122999.92 1.04649 593607.59
4122999.92 1.24302
593647.59 4122999.92 1.56827 593687.59
4122999.92 2.10726
593727.59 4122999.92 2.90194 593767.59
4122999.92 3.89710
593807.59 4122999.92 4.94981 593847.59
4122999.92 5.88723
593887.59 4122999.92 6.58283 593927.59
4122999.92 6.99269
593967.59 4122999.92 7.14544 594007.59
4122999.92 7.10219
592567.59 4123039.92 0.32850 592607.59
4123039.92 0.33571
592647.59 4123039.92 0.34450 592687.59
4123039.92 0.35431
592727.59 4123039.92 0.36461 592767.59
4123039.92 0.37530
592807.59 4123039.92 0.38569 592847.59

4123039.92 0.39603
592887.59 4123039.92 0.40630 592927.59
4123039.92 0.41700
592967.59 4123039.92 0.42755 593007.59
4123039.92 0.43843
593047.59 4123039.92 0.44890 593087.59
4123039.92 0.45785
593127.59 4123039.92 0.47325 593167.59
4123039.92 0.48893
593207.59 4123039.92 0.50595 593247.59
4123039.92 0.54675

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593287.59	4123039.92	0.57310	593327.59	4123039.92	0.60972
593367.59	4123039.92	0.65772	593407.59	4123039.92	0.72334
593447.59	4123039.92	0.80728	593487.59	4123039.92	0.91614
593527.59	4123039.92	1.05063	593567.59	4123039.92	1.22536
593607.59	4123039.92	1.47915	593647.59	4123039.92	1.91971
593687.59	4123039.92	2.67611	593727.59	4123039.92	3.79282
593767.59	4123039.92	5.15053	593807.59	4123039.92	6.49427
593847.59	4123039.92	7.56104	593887.59	4123039.92	8.24761
593927.59	4123039.92	8.54794	593967.59		

4123039.92 8.52855
594007.59 4123039.92 8.31900 592567.59
4123079.92 0.35961
592607.59 4123079.92 0.37150 592647.59
4123079.92 0.38240
592687.59 4123079.92 0.39565 592727.59
4123079.92 0.40935
592767.59 4123079.92 0.42366 592807.59
4123079.92 0.43810
592847.59 4123079.92 0.45263 592887.59
4123079.92 0.46745
592927.59 4123079.92 0.48261 592967.59
4123079.92 0.49700
593007.59 4123079.92 0.51226 593047.59
4123079.92 0.52702
593087.59 4123079.92 0.54195 593127.59
4123079.92 0.55837
593167.59 4123079.92 0.57542 593207.59
4123079.92 0.59496
593247.59 4123079.92 0.64272 593287.59
4123079.92 0.67013
593327.59 4123079.92 0.70806 593367.59
4123079.92 0.75863
593407.59 4123079.92 0.83108 593447.59
4123079.92 0.92854
593487.59 4123079.92 1.06117 593527.59
4123079.92 1.23161
593567.59 4123079.92 1.45850 593607.59
4123079.92 1.79591
593647.59 4123079.92 2.41330 593687.59
4123079.92 3.51656
593727.59 4123079.92 5.13923 593767.59
4123079.92 7.01538
593807.59 4123079.92 8.70143 593847.59
4123079.92 9.83964
593887.59 4123079.92 10.39798 593927.59
4123079.92 10.46755
593967.59 4123079.92 10.18591 594007.59
4123079.92 9.72765
592567.59 4123119.92 0.39058 592607.59
4123119.92 0.40673
592647.59 4123119.92 0.42215 592687.59
4123119.92 0.43818
592727.59 4123119.92 0.45629 592767.59
4123119.92 0.47538
592807.59 4123119.92 0.49509 592847.59
4123119.92 0.51540
592887.59 4123119.92 0.53665 592927.59
4123119.92 0.55826
592967.59 4123119.92 0.57987 593007.59

4123119.92 0.60199
 593047.59 4123119.92 0.62412 593087.59
4123119.92 0.64735
 593127.59 4123119.92 0.67129 593167.59
4123119.92 0.69510
 593207.59 4123119.92 0.74678 593247.59
4123119.92 0.77504
 593287.59 4123119.92 0.80623 593327.59
4123119.92 0.84656
 593367.59 4123119.92 0.89972 593407.59
4123119.92 0.97771
 593447.59 4123119.92 1.08927 593487.59
4123119.92 1.25000

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593527.59	4123119.92	1.46933	593567.59	4123119.92	1.77070
593607.59	4123119.92	2.23458	593647.59	4123119.92	3.13864
593687.59	4123119.92	4.82875	593727.59	4123119.92	7.27772
593767.59	4123119.92	9.88569	593807.59	4123119.92	11.90015
593847.59	4123119.92	12.95052	593887.59	4123119.92	13.18813
593927.59	4123119.92	12.83941	593967.59	4123119.92	12.13235
594007.59	4123119.92	11.28482	592567.59	4123159.92	0.42169
592607.59	4123159.92	0.44132	592647.59		

4123159.92 0.46182
592687.59 4123159.92 0.48142 592727.59
4123159.92 0.50407
592767.59 4123159.92 0.52874 592807.59
4123159.92 0.55490
592847.59 4123159.92 0.58240 592887.59
4123159.92 0.61170
592927.59 4123159.92 0.64239 592967.59
4123159.92 0.67422
593007.59 4123159.92 0.70757 593047.59
4123159.92 0.74058
593087.59 4123159.92 0.77532 593127.59
4123159.92 0.81128
593167.59 4123159.92 0.84958 593207.59
4123159.92 0.91595
593247.59 4123159.92 0.95737 593287.59
4123159.92 0.99972
593327.59 4123159.92 1.04779 593367.59
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4123159.92 1.31527
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593567.59 4123159.92 2.20341 593607.59
4123159.92 2.86530
593647.59 4123159.92 4.26479 593687.59
4123159.92 7.01985
593727.59 4123159.92 10.85503 593767.59
4123159.92 14.44914
593807.59 4123159.92 16.63118 593847.59
4123159.92 17.22158
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4123199.92 0.47638
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4123199.92 0.52590
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4123199.92 0.58269
592807.59 4123199.92 0.61604 592847.59
4123199.92 0.65270
592887.59 4123199.92 0.69138 592927.59
4123199.92 0.73304
592967.59 4123199.92 0.77795 593007.59
4123199.92 0.82527
593047.59 4123199.92 0.87624 593087.59
4123199.92 0.92988
593127.59 4123199.92 0.98485 593167.59

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4123199.92        1.06941
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4123199.92        1.20432
         593287.59    4123199.92        1.27389                       593327.59
4123199.92        1.34692
         593367.59    4123199.92        1.42635                       593407.59
4123199.92        1.52355
         593447.59    4123199.92        1.66238                       593487.59
4123199.92        1.88364
         593527.59    4123199.92        2.25251                       593567.59
4123199.92        2.83060
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4123199.92        6.15785
         593687.59    4123199.92       11.01942                       593727.59
4123199.92       17.24368
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP   ***
INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3   **

```
       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593767.59    4123199.92       21.91057                       593807.59
4123199.92       23.61132
         593847.59    4123199.92       22.99363                       593887.59
4123199.92       21.09623
         593927.59    4123199.92       18.68105                       593967.59
4123199.92       16.19924
         594007.59    4123199.92       13.90078                       592567.59
4123239.92        0.48638
         592607.59    4123239.92        0.51328                       592647.59
4123239.92        0.54316
         592687.59    4123239.92        0.57343                       592727.59
4123239.92        0.60422
         592767.59    4123239.92        0.63838                       592807.59
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4123239.92 0.88777
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4123239.92 1.41323
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4123239.92 1.92361
593407.59 4123239.92 2.07473 593447.59
4123239.92 2.25379
593487.59 4123239.92 2.51330 593527.59
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4123279.92 0.55489
592647.59 4123279.92 0.60076 592687.59
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4123279.92 1.29616
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4123279.92 1.58927
593207.59 4123279.92 1.75211 593247.59
4123279.92 1.93915
593287.59 4123279.92 2.15479 593327.59

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593367.59 4123279.92 2.67550 593407.59
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593447.59 4123279.92 3.32671 593487.59
4123279.92 3.69951
593527.59 4123279.92 4.29782 593567.59
4123279.92 5.49497
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4123279.92 17.77999
593687.59 4123279.92 38.99377 593727.59
4123279.92 55.01516
593767.59 4123279.92 54.94182 593807.59
4123279.92 46.46958
593847.59 4123279.92 36.64739 593887.59
4123279.92 28.07363
593927.59 4123279.92 21.47503 593967.59
4123279.92 16.56265

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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592607.59	4123319.92	0.61634	592647.59	4123319.92	0.65502
592687.59	4123319.92	0.69751	592727.59	4123319.92	0.74441
592767.59	4123319.92	0.77686	592807.59	4123319.92	0.82547
592847.59	4123319.92	0.88752	592887.59	4123319.92	0.95599
592927.59	4123319.92	1.04290	592967.59		

4123319.92 1.13705
593007.59 4123319.92 1.24456 593047.59
4123319.92 1.37243
593087.59 4123319.92 1.55047 593127.59
4123319.92 1.72219
593167.59 4123319.92 1.92441 593207.59
4123319.92 2.16259
593247.59 4123319.92 2.44973 593287.59
4123319.92 2.80254
593327.59 4123319.92 3.23282 593367.59
4123319.92 3.76935
593407.59 4123319.92 4.41296 593447.59
4123319.92 5.23802
593487.59 4123319.92 6.16689 593527.59
4123319.92 7.36909
593567.59 4123319.92 9.27758 593607.59
4123319.92 14.66178
593647.59 4123319.92 42.23488 593687.59
4123319.92 97.21643
593727.59 4123319.92 106.44430 593767.59
4123319.92 80.44707
593807.59 4123319.92 55.02612 593847.59
4123319.92 37.46954
593887.59 4123319.92 26.08650 593927.59
4123319.92 18.86034
593967.59 4123319.92 14.07155 594007.59
4123319.92 10.91494
592567.59 4123359.92 0.63083 592607.59
4123359.92 0.67105
592647.59 4123359.92 0.71543 592687.59
4123359.92 0.76459
592727.59 4123359.92 0.81943 592767.59
4123359.92 0.88056
592807.59 4123359.92 0.92287 592847.59
4123359.92 0.99246
592887.59 4123359.92 1.07740 592927.59
4123359.92 1.18316
592967.59 4123359.92 1.29741 593007.59
4123359.92 1.46985
593047.59 4123359.92 1.63041 593087.59
4123359.92 1.82075
593127.59 4123359.92 2.04881 593167.59
4123359.92 2.32469
593207.59 4123359.92 2.66184 593247.59
4123359.92 3.08380
593287.59 4123359.92 3.62779 593327.59
4123359.92 4.33529
593367.59 4123359.92 5.29209 593407.59
4123359.92 6.54955
593447.59 4123359.92 8.36765 593487.59

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4123359.92       11.21837
         593527.59    4123359.92       15.47112                       593567.59
4123359.92       22.20517
         593607.59    4123359.92       36.62598                       593647.59
4123359.92      171.58786
         593687.59    4123359.92      284.01319                       593727.59
4123359.92      163.13112
         593767.59    4123359.92       83.88684                       593807.59
4123359.92       47.27077
         593847.59    4123359.92       29.54209                       593887.59
4123359.92       19.97811
         593927.59    4123359.92       14.33875                       593967.59
4123359.92       10.74004
         594007.59    4123359.92        8.33713                       592567.59
4123399.92        0.68551
         592607.59    4123399.92        0.73148                       592647.59
4123399.92        0.78252
         592687.59    4123399.92        0.83950                       592727.59
4123399.92        0.90375
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CUP      ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592767.59    4123399.92        0.97580                       592807.59
4123399.92        1.05679
         592847.59    4123399.92        1.11786                       592887.59
4123399.92        1.21989
         592927.59    4123399.92        1.34268                       592967.59
4123399.92        1.52338
         593007.59    4123399.92        1.69382                       593047.59
4123399.92        1.89702
         593087.59    4123399.92        2.14402                       593127.59
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4123399.92 2.44332
593167.59 4123399.92 2.81824 593207.59
4123399.92 3.29007
593247.59 4123399.92 3.90211 593287.59
4123399.92 4.71811
593327.59 4123399.92 5.84338 593367.59
4123399.92 7.45416
593407.59 4123399.92 9.92034 593447.59
4123399.92 13.92699
593487.59 4123399.92 21.15254 593527.59
4123399.92 36.77434
593567.59 4123399.92 82.00701 593607.59
4123399.92 275.25645
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593727.59 4123399.92 102.87300 593767.59
4123399.92 49.06493
593807.59 4123399.92 28.59352 593847.59
4123399.92 18.79753
593887.59 4123399.92 13.30782 593927.59
4123399.92 9.93620
593967.59 4123399.92 7.74166 594007.59
4123399.92 6.23897
592567.59 4123439.92 0.74629 592607.59
4123439.92 0.79906
592647.59 4123439.92 0.85800 592687.59
4123439.92 0.92418
592727.59 4123439.92 0.99918 592767.59
4123439.92 1.08395
592807.59 4123439.92 1.18089 592847.59
4123439.92 1.29068
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592967.59 4123439.92 1.75060 593007.59
4123439.92 1.96538
593047.59 4123439.92 2.22672 593087.59
4123439.92 2.54719
593127.59 4123439.92 2.94416 593167.59
4123439.92 3.46304
593207.59 4123439.92 4.13364 593247.59
4123439.92 5.03443
593287.59 4123439.92 6.28697 593327.59
4123439.92 8.11162
593367.59 4123439.92 10.89582 593407.59
4123439.92 15.46952
593447.59 4123439.92 23.74239 593487.59
4123439.92 40.76630
593527.59 4123439.92 82.08933 593567.59
4123439.92 199.70384
593607.59 4123439.92 402.92863 593647.59

4123439.92   211.77829
         593687.59   4123439.92   80.24781   593727.59
4123439.92   42.14053
         593767.59   4123439.92   25.66093   593807.59
4123439.92   17.36545
         593847.59   4123439.92   12.65427   593887.59
4123439.92   9.69896
         593927.59   4123439.92   7.70912   593967.59
4123439.92   6.27998
         594007.59   4123439.92   5.22348   592567.59
4123479.92   0.81466
         592607.59   4123479.92   0.87495   592647.59
4123479.92   0.94334
         592687.59   4123479.92   1.02074   592727.59
4123479.92   1.10893
         592767.59   4123479.92   1.20963   592807.59
4123479.92   1.32592
         592847.59   4123479.92   1.46035   592887.59
4123479.92   1.58029
         592927.59   4123479.92   1.80463   592967.59
4123479.92   2.03081

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CUP   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF TOG   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         593007.59   4123479.92   2.30690   593047.59
4123479.92   2.64750
         593087.59   4123479.92   3.07622   593127.59
4123479.92   3.62449
         593167.59   4123479.92   4.33970   593207.59
4123479.92   5.30142
         593247.59   4123479.92   6.62953   593287.59

4123479.92 8.52598
593327.59 4123479.92 11.35332 593367.59
4123479.92 15.80309
593407.59 4123479.92 23.12541 593447.59
4123479.92 35.29710
593487.59 4123479.92 56.05569 593527.59
4123479.92 89.76162
593567.59 4123479.92 127.22845 593607.59
4123479.92 121.57715
593647.59 4123479.92 70.24710 593687.59
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4123479.92 18.55496
593807.59 4123479.92 13.80126 593847.59
4123479.92 10.49348
593887.59 4123479.92 8.20491 593927.59
4123479.92 6.60020
593967.59 4123479.92 5.42533 594007.59
4123479.92 4.55894
592567.59 4123519.92 0.89185 592607.59
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592887.59 4123519.92 1.86206 592927.59
4123519.92 2.09739
592967.59 4123519.92 2.38698 593007.59
4123519.92 2.74499
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593127.59 4123519.92 4.50442 593167.59
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4123519.92 8.62432
593287.59 4123519.92 11.17652 593327.59
4123519.92 14.80739
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4123519.92 27.87430
593447.59 4123519.92 38.94644 593487.59
4123519.92 53.06402
593527.59 4123519.92 66.25043 593567.59
4123519.92 69.28388
593607.59 4123519.92 57.54631 593647.59
4123519.92 39.20004
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4123519.92 17.67598
593767.59 4123519.92 13.79254 593807.59

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4123519.92        4.76939
         594007.59    4123519.92        4.06078                      592567.59
4123559.92        0.98019
         592607.59    4123559.92        1.06351                      592647.59
4123559.92        1.15838
         592687.59    4123559.92        1.26715                      592727.59
4123559.92        1.39303
         592767.59    4123559.92        1.53990                      592807.59
4123559.92        1.71348
         592847.59    4123559.92        1.91876                      592887.59
4123559.92        2.16624
         592927.59    4123559.92        2.46601                      592967.59
4123559.92        2.82679
         593007.59    4123559.92        3.26900                      593047.59
4123559.92        3.82903
         593087.59    4123559.92        4.54457                      593127.59
4123559.92        5.46852
         593167.59    4123559.92        6.67475                      593207.59
4123559.92        8.26744
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CUP      ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF TOG      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         593247.59    4123559.92       10.39128                      593287.59
4123559.92       13.24259
         593327.59    4123559.92       17.06159                      593367.59
4123559.92       22.07428
         593407.59    4123559.92       28.36792                      593447.59
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4123559.92 32.96239
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593807.59 4123559.92 8.33125 593847.59
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4123559.92 4.95284
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592807.59 4123599.92 1.96476 592847.59
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592887.59 4123599.92 2.48805 592927.59
4123599.92 2.83090
592967.59 4123599.92 3.25895 593007.59
4123599.92 3.79521
593047.59 4123599.92 4.46675 593087.59
4123599.92 5.31363
593127.59 4123599.92 6.38510 593167.59
4123599.92 7.74447
593207.59 4123599.92 9.47811 593247.59
4123599.92 11.67442
593287.59 4123599.92 14.40857 593327.59
4123599.92 17.71824
593367.59 4123599.92 21.53871 593407.59
4123599.92 25.47839
593447.59 4123599.92 28.69050 593487.59
4123599.92 30.22352
593527.59 4123599.92 28.99829 593567.59
4123599.92 25.66141
593607.59 4123599.92 21.02954 593647.59
4123599.92 16.33634
593687.59 4123599.92 12.14162 593727.59
4123599.92 9.22432
593767.59 4123599.92 7.60340 593807.59
4123599.92 6.55550
593847.59 4123599.92 5.69463 593887.59
4123599.92 4.92565
593927.59 4123599.92 4.29441 593967.59

4123599.92   3.73234
         594007.59   4123599.92   3.28070   593087.59
4123639.92   6.07405
         593127.59   4123639.92   7.22585   593167.59
4123639.92   8.61498
         593207.59   4123639.92   10.25355   593247.59
4123639.92   12.18306
         593287.59   4123639.92   14.39142   593327.59
4123639.92   16.77766
         593367.59   4123639.92   19.11949   593407.59
4123639.92   21.04363
         593447.59   4123639.92   21.98477   593487.59
4123639.92   21.65620
         593527.59   4123639.92   19.99150   593567.59
4123639.92   17.50837
         593607.59   4123639.92   14.72206   593647.59
4123639.92   11.84305
         593687.59   4123639.92   9.28934   593727.59
4123639.92   7.26883
         593767.59   4123639.92   6.03372   593807.59
4123639.92   5.25817
         593847.59   4123639.92   4.68735   593887.59
4123639.92   4.15380
         593927.59   4123639.92   3.70969   593967.59
4123639.92   3.29183

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP   ***
INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
         594007.59   4123639.92   2.93894   593087.59
4123679.92   6.61911
         593127.59   4123679.92   7.67816   593167.59

4123679.92 8.91916
593207.59 4123679.92 10.31975 593247.59
4123679.92 11.84352
593287.59 4123679.92 13.43628 593327.59
4123679.92 14.94361
593367.59 4123679.92 16.16301 593407.59
4123679.92 16.83174
593447.59 4123679.92 16.77881 593487.59
4123679.92 15.90699
593527.59 4123679.92 14.50792 593567.59
4123679.92 12.74907
593607.59 4123679.92 10.92426 593647.59
4123679.92 9.09009
593687.59 4123679.92 7.36764 593727.59
4123679.92 5.93929
593767.59 4123679.92 4.94974 593807.59
4123679.92 4.31514
593847.59 4123679.92 3.89351 593887.59
4123679.92 3.51706
593927.59 4123679.92 3.20254 593967.59
4123679.92 2.89656
594007.59 4123679.92 2.62600 593087.59
4123719.92 6.85684
593127.59 4123719.92 7.79977 593167.59
4123719.92 8.83261
593207.59 4123719.92 9.92397 593247.59
4123719.92 11.02190
593287.59 4123719.92 12.04687 593327.59
4123719.92 12.86662
593367.59 4123719.92 13.36178 593407.59
4123719.92 13.38803
593447.59 4123719.92 12.94800 593487.59
4123719.92 12.08941
593527.59 4123719.92 10.97364 593567.59
4123719.92 9.75474
593607.59 4123719.92 8.45744 593647.59
4123719.92 7.21803
593687.59 4123719.92 6.01487 593727.59
4123719.92 4.95417
593767.59 4123719.92 4.16656 593807.59
4123719.92 3.63273
593847.59 4123719.92 3.27855 593887.59
4123719.92 3.00072
593927.59 4123719.92 2.76982 593967.59
4123719.92 2.54703
594007.59 4123719.92 2.34139 593087.59
4123759.92 6.85697
593127.59 4123759.92 7.63215 593167.59
4123759.92 8.43429
593207.59 4123759.92 9.22958 593247.59

4123759.92 9.95341
593287.59 4123759.92 10.53972 593327.59
4123759.92 10.90210
593367.59 4123759.92 10.96211 593407.59
4123759.92 10.72822
593447.59 4123759.92 10.18507 593487.59
4123759.92 9.46970
593527.59 4123759.92 8.61053 593567.59
4123759.92 7.71901
593607.59 4123759.92 6.78454 593647.59
4123759.92 5.87111
593687.59 4123759.92 5.01220 593727.59
4123759.92 4.21594
593767.59 4123759.92 3.57860 593807.59
4123759.92 3.11701
593847.59 4123759.92 2.81214 593887.59
4123759.92 2.59964
593927.59 4123759.92 2.41523 593967.59
4123759.92 2.24342
594007.59 4123759.92 2.08652 593087.59
4123799.92 6.66084
593127.59 4123799.92 7.26539 593167.59
4123799.92 7.85363
593207.59 4123799.92 8.38596 593247.59
4123799.92 8.81613
593287.59 4123799.92 9.09490 593327.59
4123799.92 9.17929

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
593367.59 4123799.92 9.03151 593407.59

4123799.92 8.69677
593447.59 4123799.92 8.20102 593487.59
4123799.92 7.60426
593527.59 4123799.92 6.95871 593567.59
4123799.92 6.26488
593607.59 4123799.92 5.58365 593647.59
4123799.92 4.89367
593687.59 4123799.92 4.23951 593727.59
4123799.92 3.64732
593767.59 4123799.92 3.11753 593807.59
4123799.92 2.72547
593847.59 4123799.92 2.45977 593887.59
4123799.92 2.27554
593927.59 4123799.92 2.12341 593967.59
4123799.92 1.98577
594007.59 4123799.92 1.86508 593087.59
4123839.92 6.33076
593127.59 4123839.92 6.77689 593167.59
4123839.92 7.17892
593207.59 4123839.92 7.50612 593247.59
4123839.92 7.71907
593287.59 4123839.92 7.79873 593327.59
4123839.92 7.73121
593367.59 4123839.92 7.50636 593407.59
4123839.92 7.15591
593447.59 4123839.92 6.73270 593487.59
4123839.92 6.24538
593527.59 4123839.92 5.74237 593567.59
4123839.92 5.20534
593607.59 4123839.92 4.67509 593647.59
4123839.92 4.14942
593687.59 4123839.92 3.64740 593727.59
4123839.92 3.18540
593767.59 4123839.92 2.75610 593807.59
4123839.92 2.42536
593847.59 4123839.92 2.18092 593887.59
4123839.92 2.00871
593927.59 4123839.92 1.87699 593967.59
4123839.92 1.76623
594007.59 4123839.92 1.66952 593087.59
4123879.92 5.91818
593127.59 4123879.92 6.22911 593167.59
4123879.92 6.48256
593207.59 4123879.92 6.65633 593247.59
4123879.92 6.73074
593287.59 4123879.92 6.68451 593327.59
4123879.92 6.53446
593367.59 4123879.92 6.30104 593407.59
4123879.92 5.97932
593447.59 4123879.92 5.61577 593487.59

```
4123879.92        5.22684
         593527.59    4123879.92        4.82138                       593567.59
4123879.92        4.40306
         593607.59    4123879.92        3.98475                       593647.59
4123879.92        3.57628
         593687.59    4123879.92        3.17636                       593727.59
4123879.92        2.80384
         593767.59    4123879.92        2.46182                       593807.59
4123879.92        2.17805
         593847.59    4123879.92        1.95762                       593887.59
4123879.92        1.79510
         593927.59    4123879.92        1.67763                       593967.59
4123879.92        1.58218
         594007.59    4123879.92        1.50218

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         592567.59    4122799.92        0.17932                       592607.59
4122799.92        0.18222
         592647.59    4122799.92        0.18474                       592687.59
4122799.92        0.18776
         592727.59    4122799.92        0.19032                       592767.59
4122799.92        0.19306
         592807.59    4122799.92        0.19611                       592847.59
4122799.92        0.19868
         592887.59    4122799.92        0.20229                       592927.59
4122799.92        0.20660
         592967.59    4122799.92        0.21163                       593007.59
4122799.92        0.21727
         593047.59    4122799.92        0.22452                       593087.59
```

4122799.92 0.23299
593127.59 4122799.92 0.24336 593167.59
4122799.92 0.25574
593207.59 4122799.92 0.27092 593247.59
4122799.92 0.28836
593287.59 4122799.92 0.30812 593327.59
4122799.92 0.33144
593367.59 4122799.92 0.35841 593407.59
4122799.92 0.38904
593447.59 4122799.92 0.42171 593487.59
4122799.92 0.45798
593527.59 4122799.92 0.50832 593567.59
4122799.92 0.56197
593607.59 4122799.92 0.63280 593647.59
4122799.92 0.73464
593687.59 4122799.92 0.88175 593727.59
4122799.92 1.08562
593767.59 4122799.92 1.35278 593807.59
4122799.92 1.67368
593847.59 4122799.92 2.03321 593887.59
4122799.92 2.40233
593927.59 4122799.92 2.75044 593967.59
4122799.92 3.05008
594007.59 4122799.92 3.28065 592567.59
4122839.92 0.19617
592607.59 4122839.92 0.19953 592647.59
4122839.92 0.20253
592687.59 4122839.92 0.20564 592727.59
4122839.92 0.20903
592767.59 4122839.92 0.21271 592807.59
4122839.92 0.21568
592847.59 4122839.92 0.21872 592887.59
4122839.92 0.22222
592927.59 4122839.92 0.22670 592967.59
4122839.92 0.23164
593007.59 4122839.92 0.23836 593047.59
4122839.92 0.24566
593087.59 4122839.92 0.25304 593127.59
4122839.92 0.26331
593167.59 4122839.92 0.27615 593207.59
4122839.92 0.29206
593247.59 4122839.92 0.31066 593287.59
4122839.92 0.33264
593327.59 4122839.92 0.35836 593367.59
4122839.92 0.38865
593407.59 4122839.92 0.42849 593447.59
4122839.92 0.46713
593487.59 4122839.92 0.51133 593527.59
4122839.92 0.56252
593567.59 4122839.92 0.62558 593607.59

4122839.92 0.71015
593647.59 4122839.92 0.83483 593687.59
4122839.92 1.01820
593727.59 4122839.92 1.27520 593767.59
4122839.92 1.61201
593807.59 4122839.92 2.01199 593847.59
4122839.92 2.45006
593887.59 4122839.92 2.88329 593927.59
4122839.92 3.27369
593967.59 4122839.92 3.58972 594007.59
4122839.92 3.81257
592567.59 4122879.92 0.21595 592607.59
4122879.92 0.21991
592647.59 4122879.92 0.22323 592687.59
4122879.92 0.22653
592727.59 4122879.92 0.23115 592767.59
4122879.92 0.23539

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
592807.59	4122879.92	0.23886	592847.59	4122879.92	0.24302
592887.59	4122879.92	0.24721	592927.59	4122879.92	0.25189
592967.59	4122879.92	0.25696	593007.59	4122879.92	0.26294
593047.59	4122879.92	0.27002	593087.59	4122879.92	0.27754
593127.59	4122879.92	0.28725	593167.59	4122879.92	0.30110
593207.59	4122879.92	0.31674	593247.59		

4122879.92 0.33701
593287.59 4122879.92 0.36096 593327.59
4122879.92 0.38965
593367.59 4122879.92 0.42336 593407.59
4122879.92 0.46873
593447.59 4122879.92 0.51369 593487.59
4122879.92 0.56584
593527.59 4122879.92 0.62653 593567.59
4122879.92 0.70158
593607.59 4122879.92 0.80349 593647.59
4122879.92 0.95769
593687.59 4122879.92 1.19009 593727.59
4122879.92 1.52094
593767.59 4122879.92 1.95173 593807.59
4122879.92 2.45543
593847.59 4122879.92 2.98895 593887.59
4122879.92 3.49399
593927.59 4122879.92 3.92235 593967.59
4122879.92 4.24228
594007.59 4122879.92 4.44170 592567.59
4122919.92 0.23889
592607.59 4122919.92 0.24324 592647.59
4122919.92 0.24785
592687.59 4122919.92 0.25253 592727.59
4122919.92 0.25753
592767.59 4122919.92 0.26210 592807.59
4122919.92 0.26642
592847.59 4122919.92 0.27159 592887.59
4122919.92 0.27615
592927.59 4122919.92 0.28269 592967.59
4122919.92 0.28863
593007.59 4122919.92 0.29400 593047.59
4122919.92 0.30004
593087.59 4122919.92 0.30805 593127.59
4122919.92 0.31814
593167.59 4122919.92 0.33238 593207.59
4122919.92 0.34744
593247.59 4122919.92 0.36891 593287.59
4122919.92 0.39382
593327.59 4122919.92 0.43455 593367.59
4122919.92 0.47134
593407.59 4122919.92 0.51579 593447.59
4122919.92 0.56846
593487.59 4122919.92 0.63038 593527.59
4122919.92 0.70304
593567.59 4122919.92 0.79340 593607.59
4122919.92 0.91808
593647.59 4122919.92 1.11124 593687.59
4122919.92 1.41217
593727.59 4122919.92 1.84579 593767.59

4122919.92 2.40589
593807.59 4122919.92 3.04655 593847.59
4122919.92 3.69536
593887.59 4122919.92 4.27585 593927.59
4122919.92 4.72972
593967.59 4122919.92 5.03202 594007.59
4122919.92 5.18597
592567.59 4122959.92 0.26595 592607.59
4122959.92 0.27081
592647.59 4122959.92 0.27644 592687.59
4122959.92 0.28217
592727.59 4122959.92 0.28830 592767.59
4122959.92 0.29399
592807.59 4122959.92 0.29939 592847.59
4122959.92 0.30594
592887.59 4122959.92 0.31148 592927.59
4122959.92 0.31821
592967.59 4122959.92 0.32513 593007.59
4122959.92 0.33218

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
593047.59 4122959.92 0.33942 593087.59
4122959.92 0.34636
593127.59 4122959.92 0.35744 593167.59
4122959.92 0.37162
593207.59 4122959.92 0.38702 593247.59
4122959.92 0.40919
593287.59 4122959.92 0.43505 593327.59
4122959.92 0.48022
593367.59 4122959.92 0.52076 593407.59

4122959.92 0.57165
593447.59 4122959.92 0.63312 593487.59
4122959.92 0.70726
593527.59 4122959.92 0.79500 593567.59
4122959.92 0.90582
593607.59 4122959.92 1.06031 593647.59
4122959.92 1.30726
593687.59 4122959.92 1.70383 593727.59
4122959.92 2.28322
593767.59 4122959.92 3.02351 593807.59
4122959.92 3.84280
593847.59 4122959.92 4.63122 593887.59
4122959.92 5.28203
593927.59 4122959.92 5.73604 593967.59
4122959.92 5.98933
594007.59 4122959.92 6.06498 592567.59
4122999.92 0.29728
592607.59 4122999.92 0.30175 592647.59
4122999.92 0.30873
592687.59 4122999.92 0.31613 592727.59
4122999.92 0.32402
592767.59 4122999.92 0.33165 592807.59
4122999.92 0.33903
592847.59 4122999.92 0.34699 592887.59
4122999.92 0.35472
592927.59 4122999.92 0.36280 592967.59
4122999.92 0.37085
593007.59 4122999.92 0.37912 593047.59
4122999.92 0.38746
593087.59 4122999.92 0.39484 593127.59
4122999.92 0.40776
593167.59 4122999.92 0.42218 593207.59
4122999.92 0.43774
593247.59 4122999.92 0.47574 593287.59
4122999.92 0.50165
593327.59 4122999.92 0.53677 593367.59
4122999.92 0.58136
593407.59 4122999.92 0.63951 593447.59
4122999.92 0.71132
593487.59 4122999.92 0.80090 593527.59
4122999.92 0.90869
593567.59 4122999.92 1.04649 593607.59
4122999.92 1.24302
593647.59 4122999.92 1.56827 593687.59
4122999.92 2.10726
593727.59 4122999.92 2.90194 593767.59
4122999.92 3.89710
593807.59 4122999.92 4.94981 593847.59
4122999.92 5.88723
593887.59 4122999.92 6.58283 593927.59

4122999.92 6.99269
593967.59 4122999.92 7.14544 594007.59
4122999.92 7.10219
592567.59 4123039.92 0.32850 592607.59
4123039.92 0.33571
592647.59 4123039.92 0.34450 592687.59
4123039.92 0.35431
592727.59 4123039.92 0.36461 592767.59
4123039.92 0.37530
592807.59 4123039.92 0.38569 592847.59
4123039.92 0.39603
592887.59 4123039.92 0.40630 592927.59
4123039.92 0.41700
592967.59 4123039.92 0.42755 593007.59
4123039.92 0.43843
593047.59 4123039.92 0.44890 593087.59
4123039.92 0.45785
593127.59 4123039.92 0.47325 593167.59
4123039.92 0.48893
593207.59 4123039.92 0.50595 593247.59
4123039.92 0.54675

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
593287.59 4123039.92 0.57310 593327.59
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593447.59 4123039.92 0.80728 593487.59
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4123039.92        6.49427
         593847.59    4123039.92        7.56104                    593887.59
4123039.92        8.24761
         593927.59    4123039.92        8.54794                    593967.59
4123039.92        8.52855
         594007.59    4123039.92        8.31900                    592567.59
4123079.92        0.35961
         592607.59    4123079.92        0.37150                    592647.59
4123079.92        0.38240
         592687.59    4123079.92        0.39565                    592727.59
4123079.92        0.40935
         592767.59    4123079.92        0.42366                    592807.59
4123079.92        0.43810
         592847.59    4123079.92        0.45263                    592887.59
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         592927.59    4123079.92        0.48261                    592967.59
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         593087.59    4123079.92        0.54195                    593127.59
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         593167.59    4123079.92        0.57542                    593207.59
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4123119.92        3.13864
         593687.59    4123119.92        4.82875                       593727.59
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592687.59 4123159.92 0.48142 592727.59
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592767.59 4123159.92 0.52874 592807.59
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593967.59 4123159.92 14.25355 594007.59
4123159.92 12.79856
592567.59 4123199.92 0.45322 592607.59
4123199.92 0.47638
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4123199.92 1.06941
593207.59 4123199.92 1.13574 593247.59
4123199.92 1.20432
593287.59 4123199.92 1.27389 593327.59
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593367.59 4123199.92 1.42635 593407.59
4123199.92 1.52355
593447.59 4123199.92 1.66238 593487.59
4123199.92 1.88364
593527.59 4123199.92 2.25251 593567.59
4123199.92 2.83060
593607.59 4123199.92 3.82248 593647.59
4123199.92 6.15785
593687.59 4123199.92 11.01942 593727.59
4123199.92 17.24368

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
593767.59 4123199.92 21.91057 593807.59
4123199.92 23.61132
593847.59 4123199.92 22.99363 593887.59

4123199.92 21.09623
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4123199.92 16.19924
594007.59 4123199.92 13.90078 592567.59
4123239.92 0.48638
592607.59 4123239.92 0.51328 592647.59
4123239.92 0.54316
592687.59 4123239.92 0.57343 592727.59
4123239.92 0.60422
592767.59 4123239.92 0.63838 592807.59
4123239.92 0.67897
592847.59 4123239.92 0.72380 592887.59
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4123239.92 0.88777
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593167.59 4123239.92 1.30652 593207.59
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4123239.92 1.65322
593327.59 4123239.92 1.78499 593367.59
4123239.92 1.92361
593407.59 4123239.92 2.07473 593447.59
4123239.92 2.25379
593487.59 4123239.92 2.51330 593527.59
4123239.92 2.97383
593567.59 4123239.92 3.80468 593607.59
4123239.92 5.40054
593647.59 4123239.92 9.75339 593687.59
4123239.92 19.24076
593727.59 4123239.92 29.55109 593767.59
4123239.92 34.47527
593807.59 4123239.92 33.77984 593847.59
4123239.92 30.19829
593887.59 4123239.92 25.59967 593927.59
4123239.92 21.13027
593967.59 4123239.92 17.23453 594007.59
4123239.92 14.07412
592567.59 4123279.92 0.52365 592607.59
4123279.92 0.55489
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4123279.92   1.29616
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4123279.92   1.58927
593207.59   4123279.92   1.75211   593247.59
4123279.92   1.93915
593287.59   4123279.92   2.15479   593327.59
4123279.92   2.39919
593367.59   4123279.92   2.67550   593407.59
4123279.92   2.99374
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4123279.92   3.69951
593527.59   4123279.92   4.29782   593567.59
4123279.92   5.49497
593607.59   4123279.92   8.27741   593647.59
4123279.92   17.77999
593687.59   4123279.92   38.99377   593727.59
4123279.92   55.01516
593767.59   4123279.92   54.94182   593807.59
4123279.92   46.46958
593847.59   4123279.92   36.64739   593887.59
4123279.92   28.07363
593927.59   4123279.92   21.47503   593967.59
4123279.92   16.56265

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3 **

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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592767.59 4123319.92 0.77686 592807.59
4123319.92 0.82547
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593007.59 4123319.92 1.24456 593047.59
4123319.92 1.37243
593087.59 4123319.92 1.55047 593127.59
4123319.92 1.72219
593167.59 4123319.92 1.92441 593207.59
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593247.59 4123319.92 2.44973 593287.59
4123319.92 2.80254
593327.59 4123319.92 3.23282 593367.59
4123319.92 3.76935
593407.59 4123319.92 4.41296 593447.59
4123319.92 5.23802
593487.59 4123319.92 6.16689 593527.59
4123319.92 7.36909
593567.59 4123319.92 9.27758 593607.59
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4123319.92 97.21643
593727.59 4123319.92 106.44430 593767.59
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4123319.92 37.46954
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4123319.92 18.86034
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4123319.92 10.91494
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4123359.92 0.67105
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4123359.92 1.18316
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4123359.92 1.46985
593047.59 4123359.92 1.63041 593087.59

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4123399.92        0.90375
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Sam_Ops_TOG.isc           ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                          ***       09:05:37

                                    PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF TOG      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4123399.92        2.44332
         593167.59    4123399.92        2.81824                        593207.59
4123399.92        3.29007
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4123399.92        4.71811
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4123399.92        7.45416
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4123399.92       13.92699
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4123439.92       42.14053
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4123439.92       17.36545
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4123439.92        9.69896
         593927.59    4123439.92        7.70912                      593967.59
4123439.92        6.27998
         594007.59    4123439.92        5.22348                      592567.59
4123479.92        0.81466
         592607.59    4123479.92        0.87495                      592647.59
4123479.92        0.94334
         592687.59    4123479.92        1.02074                      592727.59
4123479.92        1.10893
         592767.59    4123479.92        1.20963                      592807.59
4123479.92        1.32592
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4123479.92        1.58029
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4123479.92        2.03081
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF TOG      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M) CONC

593007.59	4123479.92	2.30690	593047.59	4123479.92	2.64750
593087.59	4123479.92	3.07622	593127.59	4123479.92	3.62449
593167.59	4123479.92	4.33970	593207.59	4123479.92	5.30142
593247.59	4123479.92	6.62953	593287.59	4123479.92	8.52598
593327.59	4123479.92	11.35332	593367.59	4123479.92	15.80309
593407.59	4123479.92	23.12541	593447.59	4123479.92	35.29710
593487.59	4123479.92	56.05569	593527.59	4123479.92	89.76162
593567.59	4123479.92	127.22845	593607.59	4123479.92	121.57715
593647.59	4123479.92	70.24710	593687.59	4123479.92	37.86332
593727.59	4123479.92	25.74781	593767.59	4123479.92	18.55496
593807.59	4123479.92	13.80126	593847.59	4123479.92	10.49348
593887.59	4123479.92	8.20491	593927.59	4123479.92	6.60020
593967.59	4123479.92	5.42533	594007.59	4123479.92	4.55894
592567.59	4123519.92	0.89185	592607.59	4123519.92	0.96259
592647.59	4123519.92	1.04223	592687.59	4123519.92	1.13342
592727.59	4123519.92	1.23818	592767.59	4123519.92	1.35960
592807.59	4123519.92	1.50069	592847.59	4123519.92	1.66703
592887.59	4123519.92	1.86206	592927.59	4123519.92	2.09739
592967.59	4123519.92	2.38698	593007.59	4123519.92	2.74499
593047.59	4123519.92	3.19291	593087.59	4123519.92	3.76393
593127.59	4123519.92	4.50442	593167.59	4123519.92	5.48212
593207.59	4123519.92	6.80123	593247.59	4123519.92	8.62432
593287.59	4123519.92	11.17652	593327.59	4123519.92	14.80739
593367.59	4123519.92	20.09354	593407.59		

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4123519.92       27.87430
         593447.59    4123519.92       38.94644                       593487.59
4123519.92       53.06402
         593527.59    4123519.92       66.25043                       593567.59
4123519.92       69.28388
         593607.59    4123519.92       57.54631                       593647.59
4123519.92       39.20004
         593687.59    4123519.92       24.57106                       593727.59
4123519.92       17.67598
         593767.59    4123519.92       13.79254                       593807.59
4123519.92       10.77089
         593847.59    4123519.92        8.59074                       593887.59
4123519.92        6.92142
         593927.59    4123519.92        5.71297                       593967.59
4123519.92        4.76939
         594007.59    4123519.92        4.06078                       592567.59
4123559.92        0.98019
         592607.59    4123559.92        1.06351                       592647.59
4123559.92        1.15838
         592687.59    4123559.92        1.26715                       592727.59
4123559.92        1.39303
         592767.59    4123559.92        1.53990                       592807.59
4123559.92        1.71348
         592847.59    4123559.92        1.91876                       592887.59
4123559.92        2.16624
         592927.59    4123559.92        2.46601                       592967.59
4123559.92        2.82679
         593007.59    4123559.92        3.26900                       593047.59
4123559.92        3.82903
         593087.59    4123559.92        4.54457                       593127.59
4123559.92        5.46852
         593167.59    4123559.92        6.67475                       593207.59
4123559.92        8.26744
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Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF TOG      IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593247.59	4123559.92	10.39128	593287.59	4123559.92	13.24259
593327.59	4123559.92	17.06159	593367.59	4123559.92	22.07428
593407.59	4123559.92	28.36792	593447.59	4123559.92	35.46019
593487.59	4123559.92	41.65028	593527.59	4123559.92	44.10650
593567.59	4123559.92	40.82095	593607.59	4123559.92	32.96239
593647.59	4123559.92	24.07935	593687.59	4123559.92	16.61082
593727.59	4123559.92	12.31067	593767.59	4123559.92	10.03350
593807.59	4123559.92	8.33125	593847.59	4123559.92	6.98842
593887.59	4123559.92	5.84481	593927.59	4123559.92	4.95284
593967.59	4123559.92	4.21975	594007.59	4123559.92	3.64594
592567.59	4123599.92	1.08467	592607.59	4123599.92	1.18252
592647.59	4123599.92	1.29456	592687.59	4123599.92	1.42423
592727.59	4123599.92	1.57506	592767.59	4123599.92	1.75267
592807.59	4123599.92	1.96476	592847.59	4123599.92	2.20546
592887.59	4123599.92	2.48805	592927.59	4123599.92	2.83090
592967.59	4123599.92	3.25895	593007.59	4123599.92	3.79521
593047.59	4123599.92	4.46675	593087.59	4123599.92	5.31363
593127.59	4123599.92	6.38510	593167.59	4123599.92	7.74447
593207.59	4123599.92	9.47811	593247.59	4123599.92	11.67442
593287.59	4123599.92	14.40857	593327.59	4123599.92	17.71824
593367.59	4123599.92	21.53871	593407.59	4123599.92	25.47839
593447.59	4123599.92	28.69050	593487.59	4123599.92	30.22352
593527.59	4123599.92	28.99829	593567.59		

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4123599.92       25.66141
         593607.59    4123599.92       21.02954                       593647.59
4123599.92       16.33634
         593687.59    4123599.92       12.14162                       593727.59
4123599.92        9.22432
         593767.59    4123599.92        7.60340                       593807.59
4123599.92        6.55550
         593847.59    4123599.92        5.69463                       593887.59
4123599.92        4.92565
         593927.59    4123599.92        4.29441                       593967.59
4123599.92        3.73234
         594007.59    4123599.92        3.28070                       593087.59
4123639.92        6.07405
         593127.59    4123639.92        7.22585                       593167.59
4123639.92        8.61498
         593207.59    4123639.92       10.25355                       593247.59
4123639.92       12.18306
         593287.59    4123639.92       14.39142                       593327.59
4123639.92       16.77766
         593367.59    4123639.92       19.11949                       593407.59
4123639.92       21.04363
         593447.59    4123639.92       21.98477                       593487.59
4123639.92       21.65620
         593527.59    4123639.92       19.99150                       593567.59
4123639.92       17.50837
         593607.59    4123639.92       14.72206                       593647.59
4123639.92       11.84305
         593687.59    4123639.92        9.28934                       593727.59
4123639.92        7.26883
         593767.59    4123639.92        6.03372                       593807.59
4123639.92        5.25817
         593847.59    4123639.92        4.68735                       593887.59
4123639.92        4.15380
         593927.59    4123639.92        3.70969                       593967.59
4123639.92        3.29183
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Sam_Ops_TOG.isc           ***       10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        09:05:37

                                   PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594007.59	4123639.92	2.93894	593087.59	4123679.92	6.61911
593127.59	4123679.92	7.67816	593167.59	4123679.92	8.91916
593207.59	4123679.92	10.31975	593247.59	4123679.92	11.84352
593287.59	4123679.92	13.43628	593327.59	4123679.92	14.94361
593367.59	4123679.92	16.16301	593407.59	4123679.92	16.83174
593447.59	4123679.92	16.77881	593487.59	4123679.92	15.90699
593527.59	4123679.92	14.50792	593567.59	4123679.92	12.74907
593607.59	4123679.92	10.92426	593647.59	4123679.92	9.09009
593687.59	4123679.92	7.36764	593727.59	4123679.92	5.93929
593767.59	4123679.92	4.94974	593807.59	4123679.92	4.31514
593847.59	4123679.92	3.89351	593887.59	4123679.92	3.51706
593927.59	4123679.92	3.20254	593967.59	4123679.92	2.89656
594007.59	4123679.92	2.62600	593087.59	4123719.92	6.85684
593127.59	4123719.92	7.79977	593167.59	4123719.92	8.83261
593207.59	4123719.92	9.92397	593247.59	4123719.92	11.02190
593287.59	4123719.92	12.04687	593327.59	4123719.92	12.86662
593367.59	4123719.92	13.36178	593407.59	4123719.92	13.38803
593447.59	4123719.92	12.94800	593487.59	4123719.92	12.08941
593527.59	4123719.92	10.97364	593567.59	4123719.92	9.75474
593607.59	4123719.92	8.45744	593647.59	4123719.92	7.21803
593687.59	4123719.92	6.01487	593727.59	4123719.92	4.95417
593767.59	4123719.92	4.16656	593807.59		

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4123719.92        3.63273
         593847.59    4123719.92        3.27855                      593887.59
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4123759.92        8.43429
         593207.59    4123759.92        9.22958                      593247.59
4123759.92        9.95341
         593287.59    4123759.92       10.53972                      593327.59
4123759.92       10.90210
         593367.59    4123759.92       10.96211                      593407.59
4123759.92       10.72822
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4123759.92        9.46970
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4123759.92        7.71901
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4123759.92        5.87111
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4123759.92        4.21594
         593767.59    4123759.92        3.57860                      593807.59
4123759.92        3.11701
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4123759.92        2.59964
         593927.59    4123759.92        2.41523                      593967.59
4123759.92        2.24342
         594007.59    4123759.92        2.08652                      593087.59
4123799.92        6.66084
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4123799.92        7.85363
         593207.59    4123799.92        8.38596                      593247.59
4123799.92        8.81613
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4123799.92        9.17929
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***       09:05:37

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
593367.59	4123799.92	9.03151	593407.59	4123799.92	8.69677
593447.59	4123799.92	8.20102	593487.59	4123799.92	7.60426
593527.59	4123799.92	6.95871	593567.59	4123799.92	6.26488
593607.59	4123799.92	5.58365	593647.59	4123799.92	4.89367
593687.59	4123799.92	4.23951	593727.59	4123799.92	3.64732
593767.59	4123799.92	3.11753	593807.59	4123799.92	2.72547
593847.59	4123799.92	2.45977	593887.59	4123799.92	2.27554
593927.59	4123799.92	2.12341	593967.59	4123799.92	1.98577
594007.59	4123799.92	1.86508	593087.59	4123839.92	6.33076
593127.59	4123839.92	6.77689	593167.59	4123839.92	7.17892
593207.59	4123839.92	7.50612	593247.59	4123839.92	7.71907
593287.59	4123839.92	7.79873	593327.59	4123839.92	7.73121
593367.59	4123839.92	7.50636	593407.59	4123839.92	7.15591
593447.59	4123839.92	6.73270	593487.59	4123839.92	6.24538
593527.59	4123839.92	5.74237	593567.59	4123839.92	5.20534
593607.59	4123839.92	4.67509	593647.59	4123839.92	4.14942
593687.59	4123839.92	3.64740	593727.59	4123839.92	3.18540
593767.59	4123839.92	2.75610	593807.59	4123839.92	2.42536
593847.59	4123839.92	2.18092	593887.59	4123839.92	2.00871
593927.59	4123839.92	1.87699	593967.59	4123839.92	1.76623
594007.59	4123839.92	1.66952	593087.59		

4123879.92 5.91818
593127.59 4123879.92 6.22911 593167.59
4123879.92 6.48256
593207.59 4123879.92 6.65633 593247.59
4123879.92 6.73074
593287.59 4123879.92 6.68451 593327.59
4123879.92 6.53446
593367.59 4123879.92 6.30104 593407.59
4123879.92 5.97932
593447.59 4123879.92 5.61577 593487.59
4123879.92 5.22684
593527.59 4123879.92 4.82138 593567.59
4123879.92 4.40306
593607.59 4123879.92 3.98475 593647.59
4123879.92 3.57628
593687.59 4123879.92 3.17636 593727.59
4123879.92 2.80384
593767.59 4123879.92 2.46182 593807.59
4123879.92 2.17805
593847.59 4123879.92 1.95762 593887.59
4123879.92 1.79510
593927.59 4123879.92 1.67763 593967.59
4123879.92 1.58218
594007.59 4123879.92 1.50218

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -
592567.59 4122799.92 52.78105 (14120708) 592607.59
4122799.92 55.76217 (14120708)
592647.59 4122799.92 57.84347 (14120708) 592687.59

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4122799.92       58.06199  (14120708)
       592727.59   4122799.92       60.13473  (14122006)                592767.59
4122799.92       63.56695  (14122006)
       592807.59   4122799.92       65.11990  (16012024)                592847.59
4122799.92       67.69978  (14010806)
       592887.59   4122799.92       69.76150  (15010320)                592927.59
4122799.92       70.89207  (13012403)
       592967.59   4122799.92       71.40212  (16012822)                593007.59
4122799.92       76.40533  (16012822)
       593047.59   4122799.92       77.20309  (16012822)                593087.59
4122799.92       83.01394  (13012923)
       593127.59   4122799.92       86.95075  (17121218)                593167.59
4122799.92       88.41874  (13012424)
       593207.59   4122799.92       93.27040  (13012424)                593247.59
4122799.92       96.85296  (13111102)
       593287.59   4122799.92       98.92144  (13010620)                593327.59
4122799.92      100.98424  (17123124)
       593367.59   4122799.92      113.77528  (15012909)                593407.59
4122799.92      118.03920  (15012909)
       593447.59   4122799.92      109.19253  (14021008)                593487.59
4122799.92      112.96881  (13112321)
       593527.59   4122799.92       96.62414  (13122221)                593567.59
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4122799.92      118.16327  (13111404)
       593767.59   4122799.92      116.60750  (16122218)                593807.59
4122799.92      111.88148  (15121220)
       593847.59   4122799.92      110.89879  (17013121)                593887.59
4122799.92      108.63784  (17013121)
       593927.59   4122799.92      102.48657  (14112718)                593967.59
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       594007.59   4122799.92       98.70952  (15012518)                592567.59
4122839.92       53.03493  (14110601)
       592607.59   4122839.92       54.36689  (13013023)                592647.59
4122839.92       58.12740  (14120708)
       592687.59   4122839.92       61.41621  (14120708)                592727.59
4122839.92       63.02311  (14120708)
       592767.59   4122839.92       62.87374  (13122717)                592807.59
4122839.92       67.41910  (14122006)
       592847.59   4122839.92       70.55093  (14122006)                592887.59
4122839.92       72.67046  (14110707)
       592927.59   4122839.92       75.25114  (14010806)                592967.59
4122839.92       76.80541  (15010320)
       593007.59   4122839.92       76.40039  (15061002)                593047.59
4122839.92       81.31323  (16012822)
       593087.59   4122839.92       83.98151  (16012822)                593127.59
4122839.92       90.69293  (13012923)
       593167.59   4122839.92       95.08266  (17121218)                593207.59
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       593247.59   4122839.92      101.32354  (13012424)                593287.59
 4122839.92      105.71467  (13111102)
       593327.59   4122839.92      107.50757  (17123124)                593367.59
 4122839.92      115.17963  (15012909)
       593407.59   4122839.92      112.71280  (15012909)                593447.59
 4122839.92      109.68947  (15012909)
       593487.59   4122839.92      104.77723  (13112321)                593527.59
 4122839.92      106.76969  (13122221)
       593567.59   4122839.92      112.15403  (14122017)                593607.59
 4122839.92      109.76033  (16010306)
       593647.59   4122839.92      109.18109  (13122819)                593687.59
 4122839.92      114.65485  (13111404)
       593727.59   4122839.92      130.66136  (13111404)                593767.59
 4122839.92      126.85133  (16122218)
       593807.59   4122839.92      122.07442  (14011718)                593847.59
 4122839.92      122.86574  (17013121)
       593887.59   4122839.92      116.53145  (14112718)                593927.59
 4122839.92      111.18368  (13122318)
       593967.59   4122839.92      109.90554  (15012518)                594007.59
 4122839.92      103.70198  (14011717)
       592567.59   4122879.92       54.87961  (14121122)                592607.59
 4122879.92       55.94007  (14121122)
       592647.59   4122879.92       57.98359  (14110601)                592687.59
 4122879.92       60.11939  (13013023)
       592727.59   4122879.92       64.22770  (14120708)                592767.59
 4122879.92       67.16923  (14120708)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        592807.59   4122879.92       68.98300  (14120708)                592847.59
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4122879.92 71.14245 (14122006)
592887.59 4122879.92 75.42320 (14122006) 592927.59
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4122879.92 90.08773 (16012822)
593127.59 4122879.92 92.60877 (16012822) 593167.59
4122879.92 99.11972 (13012923)
593207.59 4122879.92 104.43673 (17121218) 593247.59
4122879.92 108.75765 (13012424)
593287.59 4122879.92 113.19624 (13111102) 593327.59
4122879.92 115.35845 (13010620)
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593447.59 4122879.92 124.56635 (15012909) 593487.59
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593527.59 4122879.92 118.15927 (13122221) 593567.59
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4122879.92 117.77060 (15012518)
594007.59 4122879.92 110.62650 (14011717) 592567.59
4122919.92 55.39534 (17012408)
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4122919.92 99.14361 (16012822)
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4122919.92 110.06501 (13012923)
593247.59 4122919.92 114.25977 (17121218) 593287.59
4122919.92 121.86827 (13012424)
593327.59 4122919.92 108.20718 (13111102) 593367.59

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       593567.59   4122919.92      135.90250  (14122017)                593607.59
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 4122919.92      153.96011  (15121220)
       593807.59   4122919.92      150.74959  (17013121)                593847.59
 4122919.92      143.95906  (14112718)
       593887.59   4122919.92      137.32199  (13122318)                593927.59
 4122919.92      134.73726  (15012518)
       593967.59   4122919.92      126.26788  (14011717)                594007.59
 4122919.92      122.82279  (15110123)
       592567.59   4122959.92       54.63996  (15060923)                592607.59
 4122959.92       58.09459  (17012408)
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       592887.59   4122959.92       80.60121  (14120708)                592927.59
 4122959.92       83.20140  (14120708)
       592967.59   4122959.92       85.79201  (14122006)                593007.59
 4122959.92       91.21344  (14122006)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF TOG      IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4122959.92      100.68351  (15010320)
       593127.59   4122959.92      103.00278  (13012403)               593167.59
4122959.92      107.84753  (16012822)
       593207.59   4122959.92      113.25442  (13012923)               593247.59
4122959.92      121.04447  (17121218)
       593287.59   4122959.92      127.01404  (17121218)               593327.59
4122959.92      116.99744  (13012424)
       593367.59   4122959.92      122.82859  (13111102)               593407.59
4122959.92      130.32896  (15012909)
       593447.59   4122959.92      154.12365  (15012909)               593487.59
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       593527.59   4122959.92      146.73021  (13112321)               593567.59
4122959.92      150.62169  (14122017)
       593607.59   4122959.92      154.83572  (14122017)               593647.59
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       593687.59   4122959.92      171.49669  (13111404)               593727.59
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       593767.59   4122959.92      168.64091  (14011718)               593807.59
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       593847.59   4122959.92      157.81931  (14112718)               593887.59
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       593927.59   4122959.92      143.85410  (14011717)               593967.59
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       594007.59   4122959.92      130.14636  (15110123)               592567.59
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       593007.59   4122999.92       93.46575  (14120708)               593047.59
4122999.92      100.33388  (14122006)
       593087.59   4122999.92      106.70551  (16012024)               593127.59
4122999.92      110.73510  (14010806)
       593167.59   4122999.92      113.73607  (13012403)               593207.59
4122999.92      120.98530  (16012822)
       593247.59   4122999.92      109.22232  (13012923)               593287.59
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       593327.59   4122999.92      127.09314  (13012424)               593367.59
4122999.92      136.11329  (13111102)
       593407.59   4122999.92      142.28137  (13010620)               593447.59
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       593487.59   4122999.92      178.99054  (15012909)               593527.59
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       593647.59   4122999.92      172.82558  (13122819)                593687.59
 4122999.92      199.60116  (13111404)
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 4122999.92      192.84443  (14011718)
       593807.59   4122999.92      187.02768  (17013121)                593847.59
 4122999.92      176.09761  (13122318)
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       593967.59   4122999.92      151.19933  (15110123)                594007.59
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       592647.59   4123039.92       62.65243  (14111624)                592687.59
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       592727.59   4123039.92       67.23714  (15120206)                592767.59
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       592807.59   4123039.92       74.34792  (15011602)                592847.59
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       592967.59   4123039.92       90.05474  (14110601)                593007.59
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       593047.59   4123039.92      104.76768  (14120708)                593087.59
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       593127.59   4123039.92      116.98728  (14122006)                593167.59
 4123039.92      122.14177  (14010806)
       593207.59   4123039.92      127.92870  (15010320)                593247.59
 4123039.92      116.78859  (16012822)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
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- -
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4123039.92   229.51759 (15121220)
593767.59   4123039.92   223.08112 (17013121)   593807.59
4123039.92   208.30807 (14112718)
593847.59   4123039.92   199.79923 (15012518)   593887.59
4123039.92   185.30083 (14011717)
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593167.59   4123079.92   131.16399 (14122006)   593207.59
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593327.59   4123079.92   149.50707 (13012923)   593367.59
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593487.59   4123079.92   228.38770 (15012909)   593527.59
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593567.59   4123079.92   227.65821 (13122221)   593607.59
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593647.59   4123079.92   233.75066 (13122819)   593687.59

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       593807.59   4123079.92      238.09798  (13122318)                593847.59
 4123079.92      222.00610  (15012518)
       593887.59   4123079.92      211.28950  (15110123)                593927.59
 4123079.92      189.39013  (14012904)
       593967.59   4123079.92      179.83126  (14062506)                594007.59
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       592967.59   4123119.92       95.68841  (15011602)                593007.59
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       593047.59   4123119.92      110.11422  (14121122)                593087.59
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       593207.59   4123119.92      126.15912  (14122006)                593247.59
 4123119.92      138.38342  (14122006)
       593287.59   4123119.92      150.04563  (14010806)                593327.59
 4123119.92      161.51712  (16012822)
       593367.59   4123119.92      180.27726  (13012923)                593407.59
 4123119.92      200.12438  (17121218)
       593447.59   4123119.92      220.57408  (13111102)                593487.59
 4123119.92      243.23745  (15012909)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        09:05:37

                                    PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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593687.59	4123119.92	332.38676	(13111404)	593727.59	4123119.92	310.83506	(14011718)
593767.59	4123119.92	293.94434	(14112718)	593807.59	4123119.92	277.97019	(15012518)
593847.59	4123119.92	254.95888	(15110123)	593887.59	4123119.92	227.82866	(14012904)
593927.59	4123119.92	216.25501	(14062506)	593967.59	4123119.92	208.34239	(14062506)
594007.59	4123119.92	179.60311	(14062506)	592567.59	4123159.92	54.63529	(14012520)
592607.59	4123159.92	57.12629	(14012520)	592647.59	4123159.92	60.17938	(14012520)
592687.59	4123159.92	65.72295	(14012520)	592727.59	4123159.92	69.59401	(14010804)
592767.59	4123159.92	73.78185	(14010804)	592807.59	4123159.92	77.65594	(13110806)
592847.59	4123159.92	82.19211	(13110806)	592887.59	4123159.92	87.50198	(13112820)
592927.59	4123159.92	93.26297	(13112820)	592967.59	4123159.92	98.66625	(14111624)
593007.59	4123159.92	104.31286	(15120206)	593047.59	4123159.92	111.57446	(15011602)
593087.59	4123159.92	121.60900	(15011602)	593127.59	4123159.92	131.58114	(14121122)
593167.59	4123159.92	139.41245	(14121122)	593207.59	4123159.92	134.87293	(14120708)
593247.59	4123159.92	148.99538	(14120708)	593287.59	4123159.92	164.66083	(14122006)
593327.59	4123159.92	180.97657	(14010806)	593367.59	4123159.92	196.40396	(16012822)
593407.59	4123159.92	223.76354	(13012923)	593447.59	4123159.92	251.39940	(13012424)
593487.59	4123159.92	279.25353	(13111102)	593527.59	4123159.92	343.47414	(15012909)
593567.59	4123159.92	335.80861	(15012909)	593607.59	4123159.92	352.98736	(14122017)
593647.59	4123159.92	343.86560	(13122819)	593687.59	4123159.92	401.46085	(13111404)
593727.59	4123159.92	383.75381	(17013121)	593767.59	4123159.92	349.67980	(13122318)
593807.59	4123159.92	316.00461	(14011717)	593847.59			

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 4123159.92      285.18420  (15110123)
       593887.59   4123159.92      267.01841  (14062506)                593927.59
 4123159.92      251.00347  (14062506)
       593967.59   4123159.92      206.84816  (14062506)                594007.59
 4123159.92      186.90886  (16110721)
       592567.59   4123199.92       54.80683  (13112920)                592607.59
 4123199.92       57.28616  (13112920)
       592647.59   4123199.92       59.97561  (13112920)                592687.59
 4123199.92       65.36878  (14012520)
       592727.59   4123199.92       71.61518  (14012520)                592767.59
 4123199.92       75.68062  (14012520)
       592807.59   4123199.92       79.35480  (14012520)                592847.59
 4123199.92       82.22596  (14012520)
       592887.59   4123199.92       87.09409  (14010804)                592927.59
 4123199.92       92.79703  (14010804)
       592967.59   4123199.92       98.96875  (13110806)                593007.59
 4123199.92      107.18932  (13112820)
       593047.59   4123199.92      115.78336  (13112820)                593087.59
 4123199.92      124.32154  (14111624)
       593127.59   4123199.92      134.38834  (15120206)                593167.59
 4123199.92      126.25105  (15011602)
       593207.59   4123199.92      140.43038  (14121122)                593247.59
 4123199.92      154.65323  (15011809)
       593287.59   4123199.92      178.13593  (14120708)                593327.59
 4123199.92      198.26204  (14122006)
       593367.59   4123199.92      223.80609  (14110707)                593407.59
 4123199.92      249.16234  (13012403)
       593447.59   4123199.92      288.75181  (13012923)                593487.59
 4123199.92      332.98392  (13012424)
       593527.59   4123199.92      383.41079  (15012909)                593567.59
 4123199.92      454.70155  (15012909)
       593607.59   4123199.92      443.97714  (14122017)                593647.59
 4123199.92      448.48854  (13111404)
       593687.59   4123199.92      501.50866  (15121220)                593727.59
 4123199.92      462.96954  (17013121)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	421.87313	(15012518)	593807.59	4123199.92	376.70469	(15110123)
593847.59	4123199.92	342.34866	(14062506)	593887.59	4123199.92	310.30911	(14062506)
593927.59	4123199.92	255.22457	(16110721)	593967.59	4123199.92	225.25476	(16010817)
594007.59	4123199.92	203.43494	(16010817)	592567.59	4123239.92	55.00563	(13110702)
592607.59	4123239.92	57.39763	(13110702)	592647.59	4123239.92	59.62571	(14012808)
592687.59	4123239.92	63.70680	(14012808)	592727.59	4123239.92	69.86443	(14012808)
592767.59	4123239.92	75.67764	(13112920)	592807.59	4123239.92	80.06798	(13112920)
592847.59	4123239.92	84.30808	(13112920)	592887.59	4123239.92	91.24942	(14012520)
592927.59	4123239.92	96.87149	(14012520)	592967.59	4123239.92	101.51789	(14012520)
593007.59	4123239.92	107.70947	(14012520)	593047.59	4123239.92	115.55290	(14010804)
593087.59	4123239.92	125.79785	(13110806)	593127.59	4123239.92	119.14915	(13112820)
593167.59	4123239.92	132.24909	(13112820)	593207.59	4123239.92	145.95822	(14111624)
593247.59	4123239.92	163.83066	(15011602)	593287.59	4123239.92	186.79918	(14121122)
593327.59	4123239.92	212.27070	(14120708)	593367.59	4123239.92	250.77021	(14120708)
593407.59	4123239.92	289.70165	(14122006)	593447.59	4123239.92	331.38896	(15010320)
593487.59	4123239.92	394.17509	(13012923)	593527.59	4123239.92	467.12513	(13111102)
593567.59	4123239.92	604.69366	(15012909)	593607.59	4123239.92	578.56265	(14122017)
593647.59	4123239.92	627.33422	(13111404)	593687.59	4123239.92	645.58332	(14011718)
593727.59	4123239.92	593.26927	(13122318)	593767.59	4123239.92	523.81017	(15110123)
593807.59	4123239.92	462.14364	(14062506)	593847.59	4123239.92	396.63301	(14062506)
593887.59	4123239.92	319.86989	(16110721)	593927.59	4123239.92	282.33836	(16010817)
593967.59	4123239.92	246.33255	(13120208)	594007.59			

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 4123279.92       57.49938  (17112006)
       592647.59   4123279.92       51.21474  (17112006)                592687.59
 4123279.92       54.08910  (17112006)
       592727.59   4123279.92       67.43325  (17112006)                592767.59
 4123279.92       74.02314  (17112006)
       592807.59   4123279.92       80.10966  (13110702)                592847.59
 4123279.92       85.29567  (13110702)
       592887.59   4123279.92       92.67440  (14012808)                592927.59
 4123279.92       98.04641  (14012808)
       592967.59   4123279.92      103.31562  (14012808)                593007.59
 4123279.92      111.23323  (13112920)
       593047.59   4123279.92      119.68126  (14012520)                593087.59
 4123279.92      130.70772  (14012520)
       593127.59   4123279.92      123.04210  (14012520)                593167.59
 4123279.92      135.15684  (14012520)
       593207.59   4123279.92      150.91626  (13110806)                593247.59
 4123279.92      172.40359  (13112820)
       593287.59   4123279.92      197.61654  (13112820)                593327.59
 4123279.92      225.76879  (15120206)
       593367.59   4123279.92      267.75965  (14121122)                593407.59
 4123279.92      321.92259  (14120708)
       593447.59   4123279.92      390.46358  (14122006)                593487.59
 4123279.92      473.12660  (14010806)
       593527.59   4123279.92      591.05218  (17121218)                593567.59
 4123279.92      749.71068  (15012909)
       593607.59   4123279.92      833.41415  (13112321)                593647.59
 4123279.92      943.65861  (13111404)
       593687.59   4123279.92      929.65081  (15120516)                593727.59
 4123279.92      780.92157  (15110123)
       593767.59   4123279.92      674.66584  (14062506)                593807.59
 4123279.92      527.03311  (14062506)
       593847.59   4123279.92      430.17825  (16010817)                593887.59
 4123279.92      360.05098  (13120208)
       593927.59   4123279.92      296.77176  (15120901)                593967.59
 4123279.92      254.88345  (13111401)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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                                    PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123279.92	221.02375	(15110122)	592567.59	4123319.92	53.24815	(15111908)
592607.59	4123319.92	48.67498	(15111908)	592647.59	4123319.92	51.10209	(15111908)
592687.59	4123319.92	53.76055	(15111908)	592727.59	4123319.92	56.99903	(17112006)
592767.59	4123319.92	71.35258	(17112006)	592807.59	4123319.92	79.67048	(17112006)
592847.59	4123319.92	85.77726	(17112006)	592887.59	4123319.92	93.01963	(17112006)
592927.59	4123319.92	98.00029	(17112006)	592967.59	4123319.92	104.88952	(17112006)
593007.59	4123319.92	112.70020	(17112006)	593047.59	4123319.92	119.99929	(17112006)
593087.59	4123319.92	112.84633	(14012808)	593127.59	4123319.92	125.48358	(14012808)
593167.59	4123319.92	140.09228	(13112920)	593207.59	4123319.92	157.85567	(13112920)
593247.59	4123319.92	179.58261	(14012520)	593287.59	4123319.92	206.82978	(14012520)
593327.59	4123319.92	238.20820	(14012520)	593367.59	4123319.92	286.81908	(13112820)
593407.59	4123319.92	348.56341	(13112820)	593447.59	4123319.92	437.05874	(15011602)
593487.59	4123319.92	576.55699	(14120708)	593527.59	4123319.92	760.86301	(14010806)
593567.59	4123319.92	1039.98180	(17121218)	593607.59	4123319.92	1518.62142	(15012909)
593647.59	4123319.92	1742.23979	(15120516)	593687.59	4123319.92	1378.03688	(13122318)
593727.59	4123319.92	1128.18752	(14062506)	593767.59	4123319.92	773.87934	(16110721)
593807.59	4123319.92	607.00044	(13120208)	593847.59	4123319.92	463.78431	(13111401)
593887.59	4123319.92	375.40809	(15110122)	593927.59	4123319.92	312.40813	(15112021)
593967.59	4123319.92	265.37406	(15012519)	594007.59	4123319.92	236.94385	(14091407)
592567.59	4123359.92	48.70824	(15111908)	592607.59	4123359.92	51.30542	(15111908)
592647.59	4123359.92	54.14869	(15111908)	592687.59			

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 4123359.92       57.23670  (15111908)
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       592807.59   4123359.92       80.55672  (15111908)                592847.59
 4123359.92       87.68986  (15111908)
       592887.59   4123359.92       93.84221  (15111908)                592927.59
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       592967.59   4123359.92      105.66925  (15111908)                593007.59
 4123359.92       98.35987  (15111908)
       593047.59   4123359.92      107.05160  (15111908)                593087.59
 4123359.92      117.01181  (15111908)
       593127.59   4123359.92      128.79024  (15111908)                593167.59
 4123359.92      142.53043  (15111908)
       593207.59   4123359.92      160.89846  (17112006)                593247.59
 4123359.92      184.17759  (17112006)
       593287.59   4123359.92      213.41667  (17112006)                593327.59
 4123359.92      250.18672  (17112006)
       593367.59   4123359.92      301.50810  (14012808)                593407.59
 4123359.92      371.85079  (13112920)
       593447.59   4123359.92      477.94989  (14012520)                593487.59
 4123359.92      645.37522  (13112820)
       593527.59   4123359.92      939.07625  (15011602)                593567.59
 4123359.92     1560.78019  (14120708)
       593607.59   4123359.92     2818.12287  (15012909)                593647.59
 4123359.92     4103.12215  (15120516)
       593687.59   4123359.92     2513.90357  (14062506)                593727.59
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       593847.59   4123359.92      520.35323  (14091407)                593887.59
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       593927.59   4123359.92      336.33315  (14091407)                593967.59
 4123359.92      276.08797  (14091407)
       594007.59   4123359.92      229.70977  (14091407)                592567.59
 4123399.92       47.91701  (15111908)
       592607.59   4123399.92       50.53039  (15111908)                592647.59
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       592687.59   4123399.92       56.54083  (15111908)                592727.59
 4123399.92       60.03011  (15111908)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        09:05:37

                                  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CUP      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	63.89289	(15111908)	592807.59	4123399.92	68.17613	(15111908)
592847.59	4123399.92	85.87006	(15111908)	592887.59	4123399.92	92.58453	(15111908)
592927.59	4123399.92	98.90420	(15111908)	592967.59	4123399.92	91.65000	(15111908)
593007.59	4123399.92	99.80655	(15111908)	593047.59	4123399.92	109.28451	(15111908)
593087.59	4123399.92	120.48601	(15111908)	593127.59	4123399.92	133.75942	(15111908)
593167.59	4123399.92	149.83494	(15111908)	593207.59	4123399.92	169.45450	(15111908)
593247.59	4123399.92	193.94632	(15111908)	593287.59	4123399.92	225.28879	(15111908)
593327.59	4123399.92	266.56038	(15111908)	593367.59	4123399.92	322.53057	(15111908)
593407.59	4123399.92	402.70253	(15111908)	593447.59	4123399.92	523.83251	(15111908)
593487.59	4123399.92	723.49346	(15111908)	593527.59	4123399.92	1101.95892	(15111908)
593567.59	4123399.92	2000.04632	(15111908)	593607.59	4123399.92	5711.25892	(13120202)
593647.59	4123399.92	5262.65646	(14010201)	593687.59	4123399.92	3464.33677	(14091407)
593727.59	4123399.92	1544.30821	(14091407)	593767.59	4123399.92	884.63180	(14091407)
593807.59	4123399.92	582.53236	(15011023)	593847.59	4123399.92	435.52733	(15011023)
593887.59	4123399.92	341.78532	(15011023)	593927.59	4123399.92	277.94317	(15011023)
593967.59	4123399.92	232.40510	(15011023)	594007.59	4123399.92	198.75303	(15011023)
592567.59	4123439.92	46.26626	(14111824)	592607.59	4123439.92	48.70555	(14111824)
592647.59	4123439.92	51.36562	(14111824)	592687.59	4123439.92	54.29075	(14111824)
592727.59	4123439.92	57.52771	(14111824)	592767.59	4123439.92	61.11211	(14111824)
592807.59	4123439.92	65.13147	(14111604)	592847.59			

4123439.92 69.66651 (14111604)
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  593687.59 4123439.92 2296.28748 (13070306) 593727.59
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  593767.59 4123439.92 784.85382 (16121104) 593807.59
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  593847.59 4123439.92 443.69107 (14061906) 593887.59
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4123439.92 245.43439 (14061906)
  594007.59 4123439.92 209.24463 (14061906) 592567.59
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  592687.59 4123479.92 53.84409 (15110705) 592727.59
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  592767.59 4123479.92 60.76910 (15110705) 592807.59
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  592927.59 4123479.92 80.32472 (14010622) 592967.59
4123479.92 87.20108 (14010622)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	94.95465	(14010622)	593047.59	4123479.92	103.78583	(14010622)
593087.59	4123479.92	114.16217	(13012220)	593127.59	4123479.92	126.36795	(13012220)
593167.59	4123479.92	140.50209	(13012220)	593207.59	4123479.92	157.90921	(14011323)
593247.59	4123479.92	179.37411	(14011323)	593287.59	4123479.92	205.94874	(13121723)
593327.59	4123479.92	253.02667	(14112720)	593367.59	4123479.92	325.49194	(13112608)
593407.59	4123479.92	429.75102	(13112608)	593447.59	4123479.92	554.60618	(13112608)
593487.59	4123479.92	789.04122	(13010109)	593527.59	4123479.92	1023.37559	(13010109)
593567.59	4123479.92	1537.06681	(14012109)	593607.59	4123479.92	1977.89309	(14010609)
593647.59	4123479.92	2008.49591	(15010809)	593687.59	4123479.92	1623.25384	(13030208)
593727.59	4123479.92	986.30634	(13070306)	593767.59	4123479.92	678.70866	(15120704)
593807.59	4123479.92	521.69467	(16110902)	593847.59	4123479.92	408.80321	(17111402)
593887.59	4123479.92	326.29123	(16121104)	593927.59	4123479.92	271.49085	(16121104)
593967.59	4123479.92	228.94863	(13113020)	594007.59	4123479.92	197.71534	(14110721)
592567.59	4123519.92	45.86338	(14010622)	592607.59	4123519.92	48.39579	(14010622)
592647.59	4123519.92	51.10913	(14010622)	592687.59	4123519.92	54.08688	(14010622)
592727.59	4123519.92	57.32833	(14010622)	592767.59	4123519.92	60.88265	(13012220)
592807.59	4123519.92	64.91882	(13012220)	592847.59	4123519.92	69.37540	(13012220)
592887.59	4123519.92	74.19751	(13012220)	592927.59	4123519.92	79.44491	(13012220)
592967.59	4123519.92	85.86658	(14011323)	593007.59			

4123519.92   93.21908 (14011323)
       593047.59   4123519.92   101.41477 (13110706)   593087.59
4123519.92   111.00547 (13110706)
       593127.59   4123519.92   122.99374 (13121723)   593167.59
4123519.92   139.63402 (14112720)
       593207.59   4123519.92   166.11949 (13120203)   593247.59
4123519.92   198.00126 (15113008)
       593287.59   4123519.92   240.10431 (13112608)   593327.59
4123519.92   286.73789 (13112608)
       593367.59   4123519.92   332.95507 (13112608)   593407.59
4123519.92   439.44418 (13010109)
       593447.59   4123519.92   540.26763 (13010109)   593487.59
4123519.92   637.55864 (13123109)
       593527.59   4123519.92   869.12738 (14012109)   593567.59
4123519.92   1009.37997 (14110708)
       593607.59   4123519.92   1292.72853 (14110908)   593647.59
4123519.92   1203.66042 (15010809)
       593687.59   4123519.92   1017.34213 (13030208)   593727.59
4123519.92   789.18187 (13030208)
       593767.59   4123519.92   596.02074 (13070306)   593807.59
4123519.92   453.92218 (16111203)
       593847.59   4123519.92   364.57828 (13111324)   593887.59
4123519.92   304.96840 (16110902)
       593927.59   4123519.92   254.94160 (13112923)   593967.59
4123519.92   220.11687 (17111402)
       594007.59   4123519.92   189.16510 (17111402)   592567.59
4123559.92   45.74194 (13012220)
       592607.59   4123559.92   48.10329 (13012220)   592647.59
4123559.92   50.61209 (13012220)
       592687.59   4123559.92   53.21871 (13012220)   592727.59
4123559.92   56.46277 (14011323)
       592767.59   4123559.92   59.98619 (14011323)   592807.59
4123559.92   63.78907 (14011323)
       592847.59   4123559.92   67.95295 (13110706)   592887.59
4123559.92   72.65564 (13110706)
       592927.59   4123559.92   77.96113 (17112404)   592967.59
4123559.92   84.53917 (13121723)
       593007.59   4123559.92   91.89391 (13121723)   593047.59
4123559.92   104.42672 (14112720)
       593087.59   4123559.92   119.71680 (15113008)   593127.59
4123559.92   136.88878 (15113008)
       593167.59   4123559.92   159.00092 (13112608)   593207.59
4123559.92   182.80213 (13112608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	206.58431	(13112608)	593287.59	4123559.92	230.35550	(13010109)
593327.59	4123559.92	291.33268	(13010109)	593367.59	4123559.92	345.84787	(13010109)
593407.59	4123559.92	370.76745	(13010109)	593447.59	4123559.92	456.83470	(14012109)
593487.59	4123559.92	581.45870	(14012109)	593527.59	4123559.92	612.56177	(14110708)
593567.59	4123559.92	808.66837	(14110808)	593607.59	4123559.92	944.93093	(14110908)
593647.59	4123559.92	770.06493	(15010809)	593687.59	4123559.92	730.20624	(15010809)
593727.59	4123559.92	666.29462	(13030208)	593767.59	4123559.92	484.82176	(13070306)
593807.59	4123559.92	405.73643	(13070306)	593847.59	4123559.92	327.42896	(16121208)
593887.59	4123559.92	275.34624	(15120704)	593927.59	4123559.92	235.78266	(13111324)
593967.59	4123559.92	206.23214	(16110902)	594007.59	4123559.92	180.63286	(16110902)
592567.59	4123599.92	45.07326	(14011323)	592607.59	4123599.92	47.33823	(14011323)
592647.59	4123599.92	49.83386	(13110706)	592687.59	4123599.92	52.54116	(13110706)
592727.59	4123599.92	55.34598	(17112404)	592767.59	4123599.92	58.95630	(17112404)
592807.59	4123599.92	63.10526	(13121723)	592847.59	4123599.92	67.34250	(13121723)
592887.59	4123599.92	73.27084	(14112720)	592927.59	4123599.92	81.80677	(13120203)
592967.59	4123599.92	91.33769	(15113008)	593007.59	4123599.92	101.81866	(15113008)
593047.59	4123599.92	115.36872	(13112608)	593087.59	4123599.92	129.64510	(13112608)
593127.59	4123599.92	143.90803	(13112608)	593167.59			

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 4123599.92      156.98802  (13112608)
       593207.59   4123599.92      174.36826  (13010109)                593247.59
 4123599.92      212.04782  (13010109)
       593287.59   4123599.92      245.90112  (13010109)                593327.59
 4123599.92      266.39108  (13010109)
       593367.59   4123599.92      288.89882  (13123109)                593407.59
 4123599.92      354.13726  (14012109)
       593447.59   4123599.92      424.85906  (14012109)                593487.59
 4123599.92      432.41735  (14111608)
       593527.59   4123599.92      522.62209  (14110808)                593567.59
 4123599.92      586.98643  (14010609)
       593607.59   4123599.92      706.44383  (14110908)                593647.59
 4123599.92      553.51045  (16101007)
       593687.59   4123599.92      600.96259  (15010809)                593727.59
 4123599.92      489.02237  (13030208)
       593767.59   4123599.92      445.72124  (13030208)                593807.59
 4123599.92      349.10692  (13070306)
       593847.59   4123599.92      301.23115  (13070306)                593887.59
 4123599.92      249.62179  (16121208)
       593927.59   4123599.92      218.07457  (16111203)                593967.59
 4123599.92      191.42760  (15120704)
       594007.59   4123599.92      169.66224  (13111324)                593087.59
 4123639.92      124.41567  (13112608)
       593127.59   4123639.92      138.50990  (13010109)                593167.59
 4123639.92      163.93235  (13010109)
       593207.59   4123639.92      186.70651  (13010109)                593247.59
 4123639.92      202.34519  (13010109)
       593287.59   4123639.92      206.11545  (16112108)                593327.59
 4123639.92      240.35563  (13123109)
       593367.59   4123639.92      284.38868  (14012109)                593407.59
 4123639.92      328.61620  (14012109)
       593447.59   4123639.92      329.43594  (14111608)                593487.59
 4123639.92      381.66642  (14110708)
       593527.59   4123639.92      458.58008  (14110808)                593567.59
 4123639.92      450.45393  (14010609)
       593607.59   4123639.92      546.36906  (14110908)                593647.59
 4123639.92      429.66220  (16101007)
       593687.59   4123639.92      487.99550  (15010809)                593727.59
 4123639.92      369.47152  (13012417)
       593767.59   4123639.92      381.50862  (13030208)                593807.59
 4123639.92      311.82864  (13030208)
       593847.59   4123639.92      267.86363  (13070306)                593887.59
 4123639.92      235.44297  (13070306)
       593927.59   4123639.92      200.00519  (14111403)                593967.59
 4123639.92      178.33307  (16111203)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       09:05:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123639.92	159.51361	(15010619)	593087.59	4123679.92	131.64389	(13010109)
593127.59	4123679.92	147.95512	(13010109)	593167.59	4123679.92	160.10191	(13010109)
593207.59	4123679.92	164.58315	(13010109)	593247.59	4123679.92	170.56382	(13123109)
593287.59	4123679.92	202.44386	(13123109)	593327.59	4123679.92	235.11031	(14012109)
593367.59	4123679.92	264.48092	(14012109)	593407.59	4123679.92	260.24156	(14111608)
593447.59	4123679.92	284.94743	(14110708)	593487.59	4123679.92	335.44689	(14110808)
593527.59	4123679.92	367.25309	(14110808)	593567.59	4123679.92	387.69922	(14110908)
593607.59	4123679.92	434.16126	(14110908)	593647.59	4123679.92	348.00544	(16101007)
593687.59	4123679.92	397.96517	(15010809)	593727.59	4123679.92	321.87018	(15040107)
593767.59	4123679.92	302.89255	(13030208)	593807.59	4123679.92	293.44179	(13030208)
593847.59	4123679.92	231.16682	(15011109)	593887.59	4123679.92	213.85707	(13070306)
593927.59	4123679.92	191.40661	(13070306)	593967.59	4123679.92	165.20685	(14111403)
594007.59	4123679.92	149.75545	(16121208)	593087.59	4123719.92	130.74321	(13010109)
593127.59	4123719.92	135.62469	(13010109)	593167.59	4123719.92	136.83771	(16112108)
593207.59	4123719.92	151.77568	(13123109)	593247.59	4123719.92	172.68905	(13123109)
593287.59	4123719.92	198.73878	(14012109)	593327.59	4123719.92	219.23987	(14012109)
593367.59	4123719.92	211.34706	(14111608)	593407.59			

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 4123719.92      231.22810  (15111208)
       593447.59   4123719.92      263.78337  (14110708)                593487.59
 4123719.92      306.54962  (14110808)
       593527.59   4123719.92      305.49215  (14010609)                593567.59
 4123719.92      344.22680  (14110908)
       593607.59   4123719.92      353.09670  (14110908)                593647.59
 4123719.92      289.48615  (16101007)
       593687.59   4123719.92      327.99927  (15010809)                593727.59
 4123719.92      288.94737  (15010809)
       593767.59   4123719.92      246.61174  (13012417)                593807.59
 4123719.92      255.39525  (13030208)
       593847.59   4123719.92      227.55339  (13030208)                593887.59
 4123719.92      185.68788  (15011109)
       593927.59   4123719.92      176.54636  (13070306)                593967.59
 4123719.92      159.67367  (13070306)
       594007.59   4123719.92      139.53300  (14111403)                593087.59
 4123759.92      114.79410  (13110408)
       593127.59   4123759.92      115.80778  (14120608)                593167.59
 4123759.92      135.26979  (13123109)
       593207.59   4123759.92      149.08277  (13123109)                593247.59
 4123759.92      171.04340  (14012109)
       593287.59   4123759.92      185.90863  (14012109)                593327.59
 4123759.92      180.08519  (14012109)
       593367.59   4123759.92      190.92394  (15111208)                593407.59
 4123759.92      214.12473  (14110708)
       593447.59   4123759.92      239.75575  (14110808)                593487.59
 4123759.92      262.35289  (14110808)
       593527.59   4123759.92      256.32615  (14010609)                593567.59
 4123759.92      304.01119  (14110908)
       593607.59   4123759.92      292.86065  (14110908)                593647.59
 4123759.92      245.47990  (16101007)
       593687.59   4123759.92      273.20196  (15010809)                593727.59
 4123759.92      262.79370  (15010809)
       593767.59   4123759.92      207.74617  (16121102)                593807.59
 4123759.92      211.62481  (13030208)
       593847.59   4123759.92      211.38429  (13030208)                593887.59
 4123759.92      178.97292  (13030208)
       593927.59   4123759.92      155.77747  (16062506)                593967.59
 4123759.92      149.06576  (13070306)
       594007.59   4123759.92      136.13580  (13070306)                593087.59
 4123799.92      106.16664  (13123109)
       593127.59   4123799.92      121.03881  (13123109)                593167.59
 4123799.92      130.05054  (13123109)
       593207.59   4123799.92      149.34838  (14012109)                593247.59
 4123799.92      160.43946  (14012109)
       593287.59   4123799.92      156.10203  (14012109)                593327.59
 4123799.92      164.41372  (14111608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CUP ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	173.83201	(14110708)	593407.59	4123799.92	195.47350	(14110708)
593447.59	4123799.92	224.34196	(14110808)	593487.59	4123799.92	221.06910	(14010609)
593527.59	4123799.92	217.45821	(13111508)	593567.59	4123799.92	268.24221	(14110908)
593607.59	4123799.92	246.92949	(14110908)	593647.59	4123799.92	212.10806	(16101007)
593687.59	4123799.92	229.74338	(15010809)	593727.59	4123799.92	236.57113	(15010809)
593767.59	4123799.92	193.31510	(15040107)	593807.59	4123799.92	178.77946	(13012417)
593847.59	4123799.92	186.79079	(13030208)	593887.59	4123799.92	174.74998	(13030208)
593927.59	4123799.92	143.00252	(15011109)	593967.59	4123799.92	133.55407	(16062506)
594007.59	4123799.92	128.31375	(13070306)	593087.59	4123839.92	108.73862	(13123109)
593127.59	4123839.92	115.45624	(14012109)	593167.59	4123839.92	131.96317	(14012109)
593207.59	4123839.92	140.45463	(14012109)	593247.59	4123839.92	137.07971	(14012109)
593287.59	4123839.92	142.71211	(14111608)	593327.59	4123839.92	150.42274	(15111208)
593367.59	4123839.92	167.28545	(14110708)	593407.59	4123839.92	183.01673	(14110808)
593447.59	4123839.92	199.57298	(14110808)	593487.59	4123839.92	196.37751	(14010609)
593527.59	4123839.92	200.89172	(14110908)	593567.59	4123839.92	237.17182	(14110908)
593607.59	4123839.92	210.91095	(14110908)	593647.59			

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 4123839.92      185.82268  (16101007)
       593687.59   4123839.92      195.25661  (15010809)                593727.59
 4123839.92      211.62252  (15010809)
       593767.59   4123839.92      177.19517  (15040107)                593807.59
 4123839.92      158.30050  (13012417)
       593847.59   4123839.92      159.30303  (13030208)                593887.59
 4123839.92      161.86118  (13030208)
       593927.59   4123839.92      144.49867  (13030208)                593967.59
 4123839.92      123.14044  (15011109)
       594007.59   4123839.92      116.18688  (16062506)                593087.59
 4123879.92      104.64014  (14012109)
       593127.59   4123879.92      117.76370  (14012109)                593167.59
 4123879.92      124.41583  (14012109)
       593207.59   4123879.92      121.74587  (14012109)                593247.59
 4123879.92      125.10152  (14111608)
       593287.59   4123879.92      131.26975  (15111208)                593327.59
 4123879.92      142.17146  (14110708)
       593367.59   4123879.92      152.04952  (14110708)                593407.59
 4123879.92      173.82291  (14110808)
       593447.59   4123879.92      171.28151  (14110808)                593487.59
 4123879.92      171.92908  (14010609)
       593527.59   4123879.92      188.67520  (14110908)                593567.59
 4123879.92      210.54863  (14110908)
       593607.59   4123879.92      182.02005  (14110908)                593647.59
 4123879.92      164.71772  (16101007)
       593687.59   4123879.92      168.99520  (16061906)                593727.59
 4123879.92      188.71554  (15010809)
       593767.59   4123879.92      165.82602  (15010809)                593807.59
 4123879.92      140.41553  (16121102)
       593847.59   4123879.92      137.93479  (13012417)                593887.59
 4123879.92      144.58302  (13030208)
       593927.59   4123879.92      139.08642  (13030208)                593967.59
 4123879.92      120.17822  (13030208)
       594007.59   4123879.92      107.25195  (15011109)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                         ***        09:05:37

                                    PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592567.59	4122799.92	52.78105	(14120708)	592607.59	4122799.92	55.76217	(14120708)
592647.59	4122799.92	57.84347	(14120708)	592687.59	4122799.92	58.06199	(14120708)
592727.59	4122799.92	60.13473	(14122006)	592767.59	4122799.92	63.56695	(14122006)
592807.59	4122799.92	65.11990	(16012024)	592847.59	4122799.92	67.69978	(14010806)
592887.59	4122799.92	69.76150	(15010320)	592927.59	4122799.92	70.89207	(13012403)
592967.59	4122799.92	71.40212	(16012822)	593007.59	4122799.92	76.40533	(16012822)
593047.59	4122799.92	77.20309	(16012822)	593087.59	4122799.92	83.01394	(13012923)
593127.59	4122799.92	86.95075	(17121218)	593167.59	4122799.92	88.41874	(13012424)
593207.59	4122799.92	93.27040	(13012424)	593247.59	4122799.92	96.85296	(13111102)
593287.59	4122799.92	98.92144	(13010620)	593327.59	4122799.92	100.98424	(17123124)
593367.59	4122799.92	113.77528	(15012909)	593407.59	4122799.92	118.03920	(15012909)
593447.59	4122799.92	109.19253	(14021008)	593487.59	4122799.92	112.96881	(13112321)
593527.59	4122799.92	96.62414	(13122221)	593567.59	4122799.92	102.51015	(14122017)
593607.59	4122799.92	99.92437	(16010306)	593647.59	4122799.92	99.29941	(13122819)
593687.59	4122799.92	101.35140	(13111404)	593727.59	4122799.92	118.16327	(13111404)
593767.59	4122799.92	116.60750	(16122218)	593807.59	4122799.92	111.88148	(15121220)
593847.59	4122799.92	110.89879	(17013121)	593887.59	4122799.92	108.63784	(17013121)
593927.59	4122799.92	102.48657	(14112718)	593967.59	4122799.92	101.39720	(13122318)
594007.59	4122799.92	98.70952	(15012518)	592567.59	4122839.92	53.03493	(14110601)
592607.59	4122839.92	54.36689	(13013023)	592647.59	4122839.92	58.12740	(14120708)
592687.59	4122839.92	61.41621	(14120708)	592727.59	4122839.92	63.02311	(14120708)
592767.59	4122839.92	62.87374	(13122717)	592807.59			

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 4122839.92       67.41910  (14122006)
       592847.59   4122839.92       70.55093  (14122006)                592887.59
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       592927.59   4122839.92       75.25114  (14010806)                592967.59
 4122839.92       76.80541  (15010320)
       593007.59   4122839.92       76.40039  (15061002)                593047.59
 4122839.92       81.31323  (16012822)
       593087.59   4122839.92       83.98151  (16012822)                593127.59
 4122839.92       90.69293  (13012923)
       593167.59   4122839.92       95.08266  (17121218)                593207.59
 4122839.92       97.72067  (13012424)
       593247.59   4122839.92      101.32354  (13012424)                593287.59
 4122839.92      105.71467  (13111102)
       593327.59   4122839.92      107.50757  (17123124)                593367.59
 4122839.92      115.17963  (15012909)
       593407.59   4122839.92      112.71280  (15012909)                593447.59
 4122839.92      109.68947  (15012909)
       593487.59   4122839.92      104.77723  (13112321)                593527.59
 4122839.92      106.76969  (13122221)
       593567.59   4122839.92      112.15403  (14122017)                593607.59
 4122839.92      109.76033  (16010306)
       593647.59   4122839.92      109.18109  (13122819)                593687.59
 4122839.92      114.65485  (13111404)
       593727.59   4122839.92      130.66136  (13111404)                593767.59
 4122839.92      126.85133  (16122218)
       593807.59   4122839.92      122.07442  (14011718)                593847.59
 4122839.92      122.86574  (17013121)
       593887.59   4122839.92      116.53145  (14112718)                593927.59
 4122839.92      111.18368  (13122318)
       593967.59   4122839.92      109.90554  (15012518)                594007.59
 4122839.92      103.70198  (14011717)
       592567.59   4122879.92       54.87961  (14121122)                592607.59
 4122879.92       55.94007  (14121122)
       592647.59   4122879.92       57.98359  (14110601)                592687.59
 4122879.92       60.11939  (13013023)
       592727.59   4122879.92       64.22770  (14120708)                592767.59
 4122879.92       67.16923  (14120708)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***        09:05:37

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592807.59	4122879.92	68.98300	(14120708)	592847.59	4122879.92	71.14245	(14122006)
592887.59	4122879.92	75.42320	(14122006)	592927.59	4122879.92	77.53297	(16012024)
592967.59	4122879.92	80.69637	(14010806)	593007.59	4122879.92	82.86607	(15010320)
593047.59	4122879.92	83.59437	(13012403)	593087.59	4122879.92	90.08773	(16012822)
593127.59	4122879.92	92.60877	(16012822)	593167.59	4122879.92	99.11972	(13012923)
593207.59	4122879.92	104.43673	(17121218)	593247.59	4122879.92	108.75765	(13012424)
593287.59	4122879.92	113.19624	(13111102)	593327.59	4122879.92	115.35845	(13010620)
593367.59	4122879.92	118.69718	(17123124)	593407.59	4122879.92	121.22663	(15012909)
593447.59	4122879.92	124.56635	(15012909)	593487.59	4122879.92	113.83583	(13112321)
593527.59	4122879.92	118.15927	(13122221)	593567.59	4122879.92	123.13493	(14122017)
593607.59	4122879.92	121.90504	(14122017)	593647.59	4122879.92	120.82353	(13122819)
593687.59	4122879.92	130.10450	(13111404)	593727.59	4122879.92	144.90870	(13111404)
593767.59	4122879.92	139.76085	(15121220)	593807.59	4122879.92	135.21140	(14011718)
593847.59	4122879.92	133.94741	(17013121)	593887.59	4122879.92	125.08484	(14112718)
593927.59	4122879.92	122.69991	(13122318)	593967.59	4122879.92	117.77060	(15012518)
594007.59	4122879.92	110.62650	(14011717)	592567.59	4122919.92	55.39534	(17012408)
592607.59	4122919.92	57.44175	(14121122)	592647.59	4122919.92	59.98129	(14121122)
592687.59	4122919.92	61.44278	(14121122)	592727.59	4122919.92	63.41078	(14110601)
592767.59	4122919.92	66.47765	(14120708)	592807.59	4122919.92	71.75309	(14120708)
592847.59	4122919.92	74.65706	(14120708)	592887.59	4122919.92	75.87377	(14120708)
592927.59	4122919.92	79.88062	(14122006)	592967.59			

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 4122919.92       82.77484  (14122006)
       593007.59   4122919.92       86.78159  (14010806)                593047.59
 4122919.92       91.13379  (15010320)
       593087.59   4122919.92       93.11812  (13012403)                593127.59
 4122919.92       99.14361  (16012822)
       593167.59   4122919.92      100.92349  (13012923)                593207.59
 4122919.92      110.06501  (13012923)
       593247.59   4122919.92      114.25977  (17121218)                593287.59
 4122919.92      121.86827  (13012424)
       593327.59   4122919.92      108.20718  (13111102)                593367.59
 4122919.92      111.46086  (13010620)
       593407.59   4122919.92      127.59237  (15012909)                593447.59
 4122919.92      139.75151  (15012909)
       593487.59   4122919.92      130.45369  (15012909)                593527.59
 4122919.92      130.75827  (13122221)
       593567.59   4122919.92      135.90250  (14122017)                593607.59
 4122919.92      136.76481  (14122017)
       593647.59   4122919.92      134.76157  (13122819)                593687.59
 4122919.92      148.90135  (13111404)
       593727.59   4122919.92      160.81347  (13111404)                593767.59
 4122919.92      153.96011  (15121220)
       593807.59   4122919.92      150.74959  (17013121)                593847.59
 4122919.92      143.95906  (14112718)
       593887.59   4122919.92      137.32199  (13122318)                593927.59
 4122919.92      134.73726  (15012518)
       593967.59   4122919.92      126.26788  (14011717)                594007.59
 4122919.92      122.82279  (15110123)
       592567.59   4122959.92       54.63996  (15060923)                592607.59
 4122959.92       58.09459  (17012408)
       592647.59   4122959.92       60.62535  (15011602)                592687.59
 4122959.92       62.84148  (14121122)
       592727.59   4122959.92       65.81876  (14121122)                592767.59
 4122959.92       67.85000  (14121122)
       592807.59   4122959.92       70.84245  (14110601)                592847.59
 4122959.92       74.95280  (14120708)
       592887.59   4122959.92       80.60121  (14120708)                592927.59
 4122959.92       83.20140  (14120708)
       592967.59   4122959.92       85.79201  (14122006)                593007.59
 4122959.92       91.21344  (14122006)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593047.59	4122959.92	94.79972	(14110707)	593087.59	4122959.92	100.68351	(15010320)
593127.59	4122959.92	103.00278	(13012403)	593167.59	4122959.92	107.84753	(16012822)
593207.59	4122959.92	113.25442	(13012923)	593247.59	4122959.92	121.04447	(17121218)
593287.59	4122959.92	127.01404	(17121218)	593327.59	4122959.92	116.99744	(13012424)
593367.59	4122959.92	122.82859	(13111102)	593407.59	4122959.92	130.32896	(15012909)
593447.59	4122959.92	154.12365	(15012909)	593487.59	4122959.92	153.68285	(15012909)
593527.59	4122959.92	146.73021	(13112321)	593567.59	4122959.92	150.62169	(14122017)
593607.59	4122959.92	154.83572	(14122017)	593647.59	4122959.92	151.71081	(13122819)
593687.59	4122959.92	171.49669	(13111404)	593727.59	4122959.92	178.34803	(13111404)
593767.59	4122959.92	168.64091	(14011718)	593807.59	4122959.92	169.89816	(17013121)
593847.59	4122959.92	157.81931	(14112718)	593887.59	4122959.92	152.93374	(13122318)
593927.59	4122959.92	143.85410	(14011717)	593967.59	4122959.92	138.73720	(15110123)
594007.59	4122959.92	130.14636	(15110123)	592567.59	4122999.92	54.20658	(14111624)
592607.59	4122999.92	58.54593	(15120206)	592647.59	4122999.92	60.22575	(15120206)
592687.59	4122999.92	63.74203	(17012408)	592727.59	4122999.92	66.86141	(15011602)
592767.59	4122999.92	69.39087	(14121122)	592807.59	4122999.92	73.55624	(14121122)
592847.59	4122999.92	75.88140	(14121122)	592887.59	4122999.92	79.21190	(14110601)
592927.59	4122999.92	85.30314	(14120708)	592967.59	4122999.92	90.88632	(14120708)
593007.59	4122999.92	93.46575	(14120708)	593047.59	4122999.92	100.33388	(14122006)
593087.59	4122999.92	106.70551	(16012024)	593127.59			

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 4122999.92      110.73510  (14010806)
       593167.59   4122999.92      113.73607  (13012403)                593207.59
 4122999.92      120.98530  (16012822)
       593247.59   4122999.92      109.22232  (13012923)                593287.59
 4122999.92      119.01177  (17121218)
       593327.59   4122999.92      127.09314  (13012424)                593367.59
 4122999.92      136.11329  (13111102)
       593407.59   4122999.92      142.28137  (13010620)                593447.59
 4122999.92      165.92076  (15012909)
       593487.59   4122999.92      178.99054  (15012909)                593527.59
 4122999.92      164.87966  (13112321)
       593567.59   4122999.92      167.70405  (14122017)                593607.59
 4122999.92      177.26041  (14122017)
       593647.59   4122999.92      172.82558  (13122819)                593687.59
 4122999.92      199.60116  (13111404)
       593727.59   4122999.92      201.20091  (16122218)                593767.59
 4122999.92      192.84443  (14011718)
       593807.59   4122999.92      187.02768  (17013121)                593847.59
 4122999.92      176.09761  (13122318)
       593887.59   4122999.92      170.00393  (15012518)                593927.59
 4122999.92      157.30091  (15110123)
       593967.59   4122999.92      151.19933  (15110123)                594007.59
 4122999.92      138.51244  (14012904)
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 4123039.92       59.47096  (13112820)
       592647.59   4123039.92       62.65243  (14111624)                592687.59
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       592727.59   4123039.92       67.23714  (15120206)                592767.59
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       592807.59   4123039.92       74.34792  (15011602)                592847.59
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       592887.59   4123039.92       82.71067  (14121122)                592927.59
 4123039.92       85.85254  (14121122)
       592967.59   4123039.92       90.05474  (14110601)                593007.59
 4123039.92       98.47360  (14120708)
       593047.59   4123039.92      104.76768  (14120708)                593087.59
 4123039.92      110.97545  (14122006)
       593127.59   4123039.92      116.98728  (14122006)                593167.59
 4123039.92      122.14177  (14010806)
       593207.59   4123039.92      127.92870  (15010320)                593247.59
 4123039.92      116.78859  (16012822)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593287.59	4123039.92	126.63440	(13012923)	593327.59	4123039.92	139.01848	(17121218)
593367.59	4123039.92	150.00540	(13012424)	593407.59	4123039.92	160.53485	(13111102)
593447.59	4123039.92	172.19532	(15012909)	593487.59	4123039.92	204.99277	(15012909)
593527.59	4123039.92	193.72152	(15012909)	593567.59	4123039.92	194.58436	(13122221)
593607.59	4123039.92	205.13224	(14122017)	593647.59	4123039.92	199.37516	(13122819)
593687.59	4123039.92	234.08642	(13111404)	593727.59	4123039.92	229.51759	(15121220)
593767.59	4123039.92	223.08112	(17013121)	593807.59	4123039.92	208.30807	(14112718)
593847.59	4123039.92	199.79923	(15012518)	593887.59	4123039.92	185.30083	(14011717)
593927.59	4123039.92	177.66374	(15110123)	593967.59	4123039.92	160.60535	(14012904)
594007.59	4123039.92	152.76580	(14062506)	592567.59	4123079.92	53.35733	(13110806)
592607.59	4123079.92	57.48081	(13110806)	592647.59	4123079.92	63.21434	(13112820)
592687.59	4123079.92	66.66846	(13112820)	592727.59	4123079.92	69.43297	(13112820)
592767.59	4123079.92	72.29580	(14111624)	592807.59	4123079.92	75.30429	(15120206)
592847.59	4123079.92	77.97150	(15120206)	592887.59	4123079.92	83.75680	(15011602)
592927.59	4123079.92	88.21884	(15011602)	592967.59	4123079.92	94.48796	(14121122)
593007.59	4123079.92	98.75696	(14121122)	593047.59	4123079.92	105.55412	(14120708)
593087.59	4123079.92	116.11131	(14120708)	593127.59	4123079.92	121.86669	(14120708)
593167.59	4123079.92	131.16399	(14122006)	593207.59	4123079.92	138.51149	(14110707)
593247.59	4123079.92	127.33060	(15010320)	593287.59			

4123079.92   136.00171 (16012822)
       593327.59   4123079.92   149.50707 (13012923)   593367.59
4123079.92   164.99332 (17121218)
       593407.59   4123079.92   179.44064 (13012424)   593447.59
4123079.92   190.52670 (13010620)
       593487.59   4123079.92   228.38770 (15012909)   593527.59
4123079.92   238.94063 (15012909)
       593567.59   4123079.92   227.65821 (13122221)   593607.59
4123079.92   241.04037 (14122017)
       593647.59   4123079.92   233.75066 (13122819)   593687.59
4123079.92   277.53512 (13111404)
       593727.59   4123079.92   263.92753 (15121220)   593767.59
4123079.92   257.91191 (17013121)
       593807.59   4123079.92   238.09798 (13122318)   593847.59
4123079.92   222.00610 (15012518)
       593887.59   4123079.92   211.28950 (15110123)   593927.59
4123079.92   189.39013 (14012904)
       593967.59   4123079.92   179.83126 (14062506)   594007.59
4123079.92   176.56544 (14062506)
       592567.59   4123119.92   53.37140 (16010924)   592607.59
4123119.92   56.17460 (14010804)
       592647.59   4123119.92   61.55782 (14010804)   592687.59
4123119.92   66.24207 (13110806)
       592727.59   4123119.92   69.51217 (13110806)   592767.59
4123119.92   73.58212 (13112820)
       592807.59   4123119.92   77.89259 (13112820)   592847.59
4123119.92   81.60704 (14111624)
       592887.59   4123119.92   85.36401 (14111624)   592927.59
4123119.92   89.51580 (15120206)
       592967.59   4123119.92   95.68841 (15011602)   593007.59
4123119.92   102.44274 (15011602)
       593047.59   4123119.92   110.11422 (14121122)   593087.59
4123119.92   115.87283 (14121122)
       593127.59   4123119.92   125.71984 (14120708)   593167.59
4123119.92   137.46879 (14120708)
       593207.59   4123119.92   126.15912 (14122006)   593247.59
4123119.92   138.38342 (14122006)
       593287.59   4123119.92   150.04563 (14010806)   593327.59
4123119.92   161.51712 (16012822)
       593367.59   4123119.92   180.27726 (13012923)   593407.59
4123119.92   200.12438 (17121218)
       593447.59   4123119.92   220.57408 (13111102)   593487.59
4123119.92   243.23745 (15012909)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593527.59	4123119.92	290.60576	(15012909)	593567.59	4123119.92	270.50804	(13112321)
593607.59	4123119.92	288.51057	(14122017)	593647.59	4123119.92	279.82626	(13122819)
593687.59	4123119.92	332.38676	(13111404)	593727.59	4123119.92	310.83506	(14011718)
593767.59	4123119.92	293.94434	(14112718)	593807.59	4123119.92	277.97019	(15012518)
593847.59	4123119.92	254.95888	(15110123)	593887.59	4123119.92	227.82866	(14012904)
593927.59	4123119.92	216.25501	(14062506)	593967.59	4123119.92	208.34239	(14062506)
594007.59	4123119.92	179.60311	(14062506)	592567.59	4123159.92	54.63529	(14012520)
592607.59	4123159.92	57.12629	(14012520)	592647.59	4123159.92	60.17938	(14012520)
592687.59	4123159.92	65.72295	(14012520)	592727.59	4123159.92	69.59401	(14010804)
592767.59	4123159.92	73.78185	(14010804)	592807.59	4123159.92	77.65594	(13110806)
592847.59	4123159.92	82.19211	(13110806)	592887.59	4123159.92	87.50198	(13112820)
592927.59	4123159.92	93.26297	(13112820)	592967.59	4123159.92	98.66625	(14111624)
593007.59	4123159.92	104.31286	(15120206)	593047.59	4123159.92	111.57446	(15011602)
593087.59	4123159.92	121.60900	(15011602)	593127.59	4123159.92	131.58114	(14121122)
593167.59	4123159.92	139.41245	(14121122)	593207.59	4123159.92	134.87293	(14120708)
593247.59	4123159.92	148.99538	(14120708)	593287.59	4123159.92	164.66083	(14122006)
593327.59	4123159.92	180.97657	(14010806)	593367.59	4123159.92	196.40396	(16012822)
593407.59	4123159.92	223.76354	(13012923)	593447.59			

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 4123159.92      251.39940  (13012424)
       593487.59   4123159.92      279.25353  (13111102)               593527.59
 4123159.92      343.47414  (15012909)
       593567.59   4123159.92      335.80861  (15012909)               593607.59
 4123159.92      352.98736  (14122017)
       593647.59   4123159.92      343.86560  (13122819)               593687.59
 4123159.92      401.46085  (13111404)
       593727.59   4123159.92      383.75381  (17013121)               593767.59
 4123159.92      349.67980  (13122318)
       593807.59   4123159.92      316.00461  (14011717)               593847.59
 4123159.92      285.18420  (15110123)
       593887.59   4123159.92      267.01841  (14062506)               593927.59
 4123159.92      251.00347  (14062506)
       593967.59   4123159.92      206.84816  (14062506)               594007.59
 4123159.92      186.90886  (16110721)
       592567.59   4123199.92       54.80683  (13112920)               592607.59
 4123199.92       57.28616  (13112920)
       592647.59   4123199.92       59.97561  (13112920)               592687.59
 4123199.92       65.36878  (14012520)
       592727.59   4123199.92       71.61518  (14012520)               592767.59
 4123199.92       75.68062  (14012520)
       592807.59   4123199.92       79.35480  (14012520)               592847.59
 4123199.92       82.22596  (14012520)
       592887.59   4123199.92       87.09409  (14010804)               592927.59
 4123199.92       92.79703  (14010804)
       592967.59   4123199.92       98.96875  (13110806)               593007.59
 4123199.92      107.18932  (13112820)
       593047.59   4123199.92      115.78336  (13112820)               593087.59
 4123199.92      124.32154  (14111624)
       593127.59   4123199.92      134.38834  (15120206)               593167.59
 4123199.92      126.25105  (15011602)
       593207.59   4123199.92      140.43038  (14121122)               593247.59
 4123199.92      154.65323  (15011809)
       593287.59   4123199.92      178.13593  (14120708)               593327.59
 4123199.92      198.26204  (14122006)
       593367.59   4123199.92      223.80609  (14110707)               593407.59
 4123199.92      249.16234  (13012403)
       593447.59   4123199.92      288.75181  (13012923)               593487.59
 4123199.92      332.98392  (13012424)
       593527.59   4123199.92      383.41079  (15012909)               593567.59
 4123199.92      454.70155  (15012909)
       593607.59   4123199.92      443.97714  (14122017)               593647.59
 4123199.92      448.48854  (13111404)
       593687.59   4123199.92      501.50866  (15121220)               593727.59
 4123199.92      462.96954  (17013121)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***       09:05:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593767.59	4123199.92	421.87313	(15012518)	593807.59	4123199.92	376.70469	(15110123)
593847.59	4123199.92	342.34866	(14062506)	593887.59	4123199.92	310.30911	(14062506)
593927.59	4123199.92	255.22457	(16110721)	593967.59	4123199.92	225.25476	(16010817)
594007.59	4123199.92	203.43494	(16010817)	592567.59	4123239.92	55.00563	(13110702)
592607.59	4123239.92	57.39763	(13110702)	592647.59	4123239.92	59.62571	(14012808)
592687.59	4123239.92	63.70680	(14012808)	592727.59	4123239.92	69.86443	(14012808)
592767.59	4123239.92	75.67764	(13112920)	592807.59	4123239.92	80.06798	(13112920)
592847.59	4123239.92	84.30808	(13112920)	592887.59	4123239.92	91.24942	(14012520)
592927.59	4123239.92	96.87149	(14012520)	592967.59	4123239.92	101.51789	(14012520)
593007.59	4123239.92	107.70947	(14012520)	593047.59	4123239.92	115.55290	(14010804)
593087.59	4123239.92	125.79785	(13110806)	593127.59	4123239.92	119.14915	(13112820)
593167.59	4123239.92	132.24909	(13112820)	593207.59	4123239.92	145.95822	(14111624)
593247.59	4123239.92	163.83066	(15011602)	593287.59	4123239.92	186.79918	(14121122)
593327.59	4123239.92	212.27070	(14120708)	593367.59	4123239.92	250.77021	(14120708)
593407.59	4123239.92	289.70165	(14122006)	593447.59	4123239.92	331.38896	(15010320)
593487.59	4123239.92	394.17509	(13012923)	593527.59	4123239.92	467.12513	(13111102)
593567.59	4123239.92	604.69366	(15012909)	593607.59			

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 4123239.92      578.56265  (14122017)
       593647.59   4123239.92      627.33422  (13111404)                593687.59
 4123239.92      645.58332  (14011718)
       593727.59   4123239.92      593.26927  (13122318)                593767.59
 4123239.92      523.81017  (15110123)
       593807.59   4123239.92      462.14364  (14062506)                593847.59
 4123239.92      396.63301  (14062506)
       593887.59   4123239.92      319.86989  (16110721)                593927.59
 4123239.92      282.33836  (16010817)
       593967.59   4123239.92      246.33255  (13120208)                594007.59
 4123239.92      211.59752  (15120901)
       592567.59   4123279.92       55.34404  (17112006)                592607.59
 4123279.92       57.49938  (17112006)
       592647.59   4123279.92       51.21474  (17112006)                592687.59
 4123279.92       54.08910  (17112006)
       592727.59   4123279.92       67.43325  (17112006)                592767.59
 4123279.92       74.02314  (17112006)
       592807.59   4123279.92       80.10966  (13110702)                592847.59
 4123279.92       85.29567  (13110702)
       592887.59   4123279.92       92.67440  (14012808)                592927.59
 4123279.92       98.04641  (14012808)
       592967.59   4123279.92      103.31562  (14012808)                593007.59
 4123279.92      111.23323  (13112920)
       593047.59   4123279.92      119.68126  (14012520)                593087.59
 4123279.92      130.70772  (14012520)
       593127.59   4123279.92      123.04210  (14012520)                593167.59
 4123279.92      135.15684  (14012520)
       593207.59   4123279.92      150.91626  (13110806)                593247.59
 4123279.92      172.40359  (13112820)
       593287.59   4123279.92      197.61654  (13112820)                593327.59
 4123279.92      225.76879  (15120206)
       593367.59   4123279.92      267.75965  (14121122)                593407.59
 4123279.92      321.92259  (14120708)
       593447.59   4123279.92      390.46358  (14122006)                593487.59
 4123279.92      473.12660  (14010806)
       593527.59   4123279.92      591.05218  (17121218)                593567.59
 4123279.92      749.71068  (15012909)
       593607.59   4123279.92      833.41415  (13112321)                593647.59
 4123279.92      943.65861  (13111404)
       593687.59   4123279.92      929.65081  (15120516)                593727.59
 4123279.92      780.92157  (15110123)
       593767.59   4123279.92      674.66584  (14062506)                593807.59
 4123279.92      527.03311  (14062506)
       593847.59   4123279.92      430.17825  (16010817)                593887.59
 4123279.92      360.05098  (13120208)
       593927.59   4123279.92      296.77176  (15120901)                593967.59
 4123279.92      254.88345  (13111401)
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123279.92	221.02375	(15110122)	592567.59	4123319.92	53.24815	(15111908)
592607.59	4123319.92	48.67498	(15111908)	592647.59	4123319.92	51.10209	(15111908)
592687.59	4123319.92	53.76055	(15111908)	592727.59	4123319.92	56.99903	(17112006)
592767.59	4123319.92	71.35258	(17112006)	592807.59	4123319.92	79.67048	(17112006)
592847.59	4123319.92	85.77726	(17112006)	592887.59	4123319.92	93.01963	(17112006)
592927.59	4123319.92	98.00029	(17112006)	592967.59	4123319.92	104.88952	(17112006)
593007.59	4123319.92	112.70020	(17112006)	593047.59	4123319.92	119.99929	(17112006)
593087.59	4123319.92	112.84633	(14012808)	593127.59	4123319.92	125.48358	(14012808)
593167.59	4123319.92	140.09228	(13112920)	593207.59	4123319.92	157.85567	(13112920)
593247.59	4123319.92	179.58261	(14012520)	593287.59	4123319.92	206.82978	(14012520)
593327.59	4123319.92	238.20820	(14012520)	593367.59	4123319.92	286.81908	(13112820)
593407.59	4123319.92	348.56341	(13112820)	593447.59	4123319.92	437.05874	(15011602)
593487.59	4123319.92	576.55699	(14120708)	593527.59	4123319.92	760.86301	(14010806)
593567.59	4123319.92	1039.98180	(17121218)	593607.59	4123319.92	1518.62142	(15012909)
593647.59	4123319.92	1742.23979	(15120516)	593687.59	4123319.92	1378.03688	(13122318)
593727.59	4123319.92	1128.18752	(14062506)	593767.59			

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4123319.92      773.87934  (16110721)
       593807.59   4123319.92      607.00044  (13120208)                593847.59
4123319.92      463.78431  (13111401)
       593887.59   4123319.92      375.40809  (15110122)                593927.59
4123319.92      312.40813  (15112021)
       593967.59   4123319.92      265.37406  (15012519)                594007.59
4123319.92      236.94385  (14091407)
       592567.59   4123359.92       48.70824  (15111908)                592607.59
4123359.92       51.30542  (15111908)
       592647.59   4123359.92       54.14869  (15111908)                592687.59
4123359.92       57.23670  (15111908)
       592727.59   4123359.92       60.60846  (15111908)                592767.59
4123359.92       64.33734  (15111908)
       592807.59   4123359.92       80.55672  (15111908)                592847.59
4123359.92       87.68986  (15111908)
       592887.59   4123359.92       93.84221  (15111908)                592927.59
4123359.92       98.39580  (15111908)
       592967.59   4123359.92      105.66925  (15111908)                593007.59
4123359.92       98.35987  (15111908)
       593047.59   4123359.92      107.05160  (15111908)                593087.59
4123359.92      117.01181  (15111908)
       593127.59   4123359.92      128.79024  (15111908)                593167.59
4123359.92      142.53043  (15111908)
       593207.59   4123359.92      160.89846  (17112006)                593247.59
4123359.92      184.17759  (17112006)
       593287.59   4123359.92      213.41667  (17112006)                593327.59
4123359.92      250.18672  (17112006)
       593367.59   4123359.92      301.50810  (14012808)                593407.59
4123359.92      371.85079  (13112920)
       593447.59   4123359.92      477.94989  (14012520)                593487.59
4123359.92      645.37522  (13112820)
       593527.59   4123359.92      939.07625  (15011602)                593567.59
4123359.92     1560.78019  (14120708)
       593607.59   4123359.92     2818.12287  (15012909)                593647.59
4123359.92     4103.12215  (15120516)
       593687.59   4123359.92     2513.90357  (14062506)                593727.59
4123359.92     1414.81958  (13120208)
       593767.59   4123359.92      904.08650  (13111401)                593807.59
4123359.92      658.00098  (14091407)
       593847.59   4123359.92      520.35323  (14091407)                593887.59
4123359.92      415.34330  (14091407)
       593927.59   4123359.92      336.33315  (14091407)                593967.59
4123359.92      276.08797  (14091407)
       594007.59   4123359.92      229.70977  (14091407)                592567.59
4123399.92       47.91701  (15111908)
       592607.59   4123399.92       50.53039  (15111908)                592647.59
4123399.92       53.39340  (15111908)
       592687.59   4123399.92       56.54083  (15111908)                592727.59
4123399.92       60.03011  (15111908)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
592767.59	4123399.92	63.89289	(15111908)	592807.59	4123399.92	68.17613	(15111908)
592847.59	4123399.92	85.87006	(15111908)	592887.59	4123399.92	92.58453	(15111908)
592927.59	4123399.92	98.90420	(15111908)	592967.59	4123399.92	91.65000	(15111908)
593007.59	4123399.92	99.80655	(15111908)	593047.59	4123399.92	109.28451	(15111908)
593087.59	4123399.92	120.48601	(15111908)	593127.59	4123399.92	133.75942	(15111908)
593167.59	4123399.92	149.83494	(15111908)	593207.59	4123399.92	169.45450	(15111908)
593247.59	4123399.92	193.94632	(15111908)	593287.59	4123399.92	225.28879	(15111908)
593327.59	4123399.92	266.56038	(15111908)	593367.59	4123399.92	322.53057	(15111908)
593407.59	4123399.92	402.70253	(15111908)	593447.59	4123399.92	523.83251	(15111908)
593487.59	4123399.92	723.49346	(15111908)	593527.59	4123399.92	1101.95892	(15111908)
593567.59	4123399.92	2000.04632	(15111908)	593607.59	4123399.92	5711.25892	(13120202)
593647.59	4123399.92	5262.65646	(14010201)	593687.59	4123399.92	3464.33677	(14091407)
593727.59	4123399.92	1544.30821	(14091407)	593767.59	4123399.92	884.63180	(14091407)
593807.59	4123399.92	582.53236	(15011023)	593847.59	4123399.92	435.52733	(15011023)
593887.59	4123399.92	341.78532	(15011023)	593927.59			

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4123399.92      277.94317  (15011023)
       593967.59   4123399.92      232.40510  (15011023)                594007.59
4123399.92      198.75303  (15011023)
       592567.59   4123439.92       46.26626  (14111824)                592607.59
4123439.92       48.70555  (14111824)
       592647.59   4123439.92       51.36562  (14111824)                592687.59
4123439.92       54.29075  (14111824)
       592727.59   4123439.92       57.52771  (14111824)                592767.59
4123439.92       61.11211  (14111824)
       592807.59   4123439.92       65.13147  (14111604)                592847.59
4123439.92       69.66651  (14111604)
       592887.59   4123439.92       88.89794  (14111604)                592927.59
4123439.92       94.54610  (14111604)
       592967.59   4123439.92       87.33553  (14111604)                593007.59
4123439.92       95.02647  (14111604)
       593047.59   4123439.92      103.95818  (14111604)                593087.59
4123439.92      114.30052  (14111604)
       593127.59   4123439.92      126.46862  (14111604)                593167.59
4123439.92      141.23964  (15110705)
       593207.59   4123439.92      159.82773  (15110705)                593247.59
4123439.92      182.79199  (15110705)
       593287.59   4123439.92      212.40274  (14010622)                593327.59
4123439.92      251.85486  (14010622)
       593367.59   4123439.92      303.87069  (14010622)                593407.59
4123439.92      376.93592  (13012220)
       593447.59   4123439.92      483.93580  (14011323)                593487.59
4123439.92      709.13331  (13112608)
       593527.59   4123439.92     1184.38856  (13112608)                593567.59
4123439.92     2248.95584  (13010109)
       593607.59   4123439.92     4377.48536  (14012109)                593647.59
4123439.92     4488.70498  (13030208)
       593687.59   4123439.92     2296.28748  (13070306)                593727.59
4123439.92     1227.61104  (17111402)
       593767.59   4123439.92      784.85382  (16121104)                593807.59
4123439.92      570.84241  (14061906)
       593847.59   4123439.92      443.69107  (14061906)                593887.59
4123439.92      355.80853  (14061906)
       593927.59   4123439.92      292.63285  (14061906)                593967.59
4123439.92      245.43439  (14061906)
       594007.59   4123439.92      209.24463  (14061906)                592567.59
4123479.92       45.70817  (14111604)
       592607.59   4123479.92       48.10068  (15110705)                592647.59
4123479.92       50.86061  (15110705)
       592687.59   4123479.92       53.84409  (15110705)                592727.59
4123479.92       57.13906  (15110705)
       592767.59   4123479.92       60.76910  (15110705)                592807.59
4123479.92       64.78913  (15110705)
       592847.59   4123479.92       69.24345  (15110705)                592887.59
4123479.92       86.71753  (14111006)
       592927.59   4123479.92       80.32472  (14010622)                592967.59
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4123479.92 87.20108 (14010622)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593007.59	4123479.92	94.95465	(14010622)	593047.59	4123479.92	103.78583	(14010622)
593087.59	4123479.92	114.16217	(13012220)	593127.59	4123479.92	126.36795	(13012220)
593167.59	4123479.92	140.50209	(13012220)	593207.59	4123479.92	157.90921	(14011323)
593247.59	4123479.92	179.37411	(14011323)	593287.59	4123479.92	205.94874	(13121723)
593327.59	4123479.92	253.02667	(14112720)	593367.59	4123479.92	325.49194	(13112608)
593407.59	4123479.92	429.75102	(13112608)	593447.59	4123479.92	554.60618	(13112608)
593487.59	4123479.92	789.04122	(13010109)	593527.59	4123479.92	1023.37559	(13010109)
593567.59	4123479.92	1537.06681	(14012109)	593607.59	4123479.92	1977.89309	(14010609)
593647.59	4123479.92	2008.49591	(15010809)	593687.59	4123479.92	1623.25384	(13030208)
593727.59	4123479.92	986.30634	(13070306)	593767.59	4123479.92	678.70866	(15120704)
593807.59	4123479.92	521.69467	(16110902)	593847.59	4123479.92	408.80321	(17111402)
593887.59	4123479.92	326.29123	(16121104)	593927.59	4123479.92	271.49085	(16121104)
593967.59	4123479.92	228.94863	(13113020)	594007.59	4123479.92	197.71534	(14110721)
592567.59	4123519.92	45.86338	(14010622)	592607.59			

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4123519.92       48.39579  (14010622)
       592647.59   4123519.92       51.10913  (14010622)                592687.59
4123519.92       54.08688  (14010622)
       592727.59   4123519.92       57.32833  (14010622)                592767.59
4123519.92       60.88265  (13012220)
       592807.59   4123519.92       64.91882  (13012220)                592847.59
4123519.92       69.37540  (13012220)
       592887.59   4123519.92       74.19751  (13012220)                592927.59
4123519.92       79.44491  (13012220)
       592967.59   4123519.92       85.86658  (14011323)                593007.59
4123519.92       93.21908  (14011323)
       593047.59   4123519.92      101.41477  (13110706)                593087.59
4123519.92      111.00547  (13110706)
       593127.59   4123519.92      122.99374  (13121723)                593167.59
4123519.92      139.63402  (14112720)
       593207.59   4123519.92      166.11949  (13120203)                593247.59
4123519.92      198.00126  (15113008)
       593287.59   4123519.92      240.10431  (13112608)                593327.59
4123519.92      286.73789  (13112608)
       593367.59   4123519.92      332.95507  (13112608)                593407.59
4123519.92      439.44418  (13010109)
       593447.59   4123519.92      540.26763  (13010109)                593487.59
4123519.92      637.55864  (13123109)
       593527.59   4123519.92      869.12738  (14012109)                593567.59
4123519.92     1009.37997  (14110708)
       593607.59   4123519.92     1292.72853  (14110908)                593647.59
4123519.92     1203.66042  (15010809)
       593687.59   4123519.92     1017.34213  (13030208)                593727.59
4123519.92      789.18187  (13030208)
       593767.59   4123519.92      596.02074  (13070306)                593807.59
4123519.92      453.92218  (16111203)
       593847.59   4123519.92      364.57828  (13111324)                593887.59
4123519.92      304.96840  (16110902)
       593927.59   4123519.92      254.94160  (13112923)                593967.59
4123519.92      220.11687  (17111402)
       594007.59   4123519.92      189.16510  (17111402)                592567.59
4123559.92       45.74194  (13012220)
       592607.59   4123559.92       48.10329  (13012220)                592647.59
4123559.92       50.61209  (13012220)
       592687.59   4123559.92       53.21871  (13012220)                592727.59
4123559.92       56.46277  (14011323)
       592767.59   4123559.92       59.98619  (14011323)                592807.59
4123559.92       63.78907  (14011323)
       592847.59   4123559.92       67.95295  (13110706)                592887.59
4123559.92       72.65564  (13110706)
       592927.59   4123559.92       77.96113  (17112404)                592967.59
4123559.92       84.53917  (13121723)
       593007.59   4123559.92       91.89391  (13121723)                593047.59
4123559.92      104.42672  (14112720)
       593087.59   4123559.92      119.71680  (15113008)                593127.59
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4123559.92   136.88878 (15113008)
593167.59   4123559.92   159.00092 (13112608)   593207.59
4123559.92   182.80213 (13112608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593247.59	4123559.92	206.58431	(13112608)	593287.59	4123559.92	230.35550	(13010109)
593327.59	4123559.92	291.33268	(13010109)	593367.59	4123559.92	345.84787	(13010109)
593407.59	4123559.92	370.76745	(13010109)	593447.59	4123559.92	456.83470	(14012109)
593487.59	4123559.92	581.45870	(14012109)	593527.59	4123559.92	612.56177	(14110708)
593567.59	4123559.92	808.66837	(14110808)	593607.59	4123559.92	944.93093	(14110908)
593647.59	4123559.92	770.06493	(15010809)	593687.59	4123559.92	730.20624	(15010809)
593727.59	4123559.92	666.29462	(13030208)	593767.59	4123559.92	484.82176	(13070306)
593807.59	4123559.92	405.73643	(13070306)	593847.59	4123559.92	327.42896	(16121208)
593887.59	4123559.92	275.34624	(15120704)	593927.59	4123559.92	235.78266	(13111324)
593967.59	4123559.92	206.23214	(16110902)	594007.59	4123559.92	180.63286	(16110902)
592567.59	4123599.92	45.07326	(14011323)	592607.59	4123599.92	47.33823	(14011323)
592647.59	4123599.92	49.83386	(13110706)	592687.59	4123599.92	52.54116	(13110706)
592727.59	4123599.92	55.34598	(17112404)	592767.59			

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4123599.92       58.95630  (17112404)
       592807.59   4123599.92       63.10526  (13121723)                592847.59
4123599.92       67.34250  (13121723)
       592887.59   4123599.92       73.27084  (14112720)                592927.59
4123599.92       81.80677  (13120203)
       592967.59   4123599.92       91.33769  (15113008)                593007.59
4123599.92      101.81866  (15113008)
       593047.59   4123599.92      115.36872  (13112608)                593087.59
4123599.92      129.64510  (13112608)
       593127.59   4123599.92      143.90803  (13112608)                593167.59
4123599.92      156.98802  (13112608)
       593207.59   4123599.92      174.36826  (13010109)                593247.59
4123599.92      212.04782  (13010109)
       593287.59   4123599.92      245.90112  (13010109)                593327.59
4123599.92      266.39108  (13010109)
       593367.59   4123599.92      288.89882  (13123109)                593407.59
4123599.92      354.13726  (14012109)
       593447.59   4123599.92      424.85906  (14012109)                593487.59
4123599.92      432.41735  (14111608)
       593527.59   4123599.92      522.62209  (14110808)                593567.59
4123599.92      586.98643  (14010609)
       593607.59   4123599.92      706.44383  (14110908)                593647.59
4123599.92      553.51045  (16101007)
       593687.59   4123599.92      600.96259  (15010809)                593727.59
4123599.92      489.02237  (13030208)
       593767.59   4123599.92      445.72124  (13030208)                593807.59
4123599.92      349.10692  (13070306)
       593847.59   4123599.92      301.23115  (13070306)                593887.59
4123599.92      249.62179  (16121208)
       593927.59   4123599.92      218.07457  (16111203)                593967.59
4123599.92      191.42760  (15120704)
       594007.59   4123599.92      169.66224  (13111324)                593087.59
4123639.92      124.41567  (13112608)
       593127.59   4123639.92      138.50990  (13010109)                593167.59
4123639.92      163.93235  (13010109)
       593207.59   4123639.92      186.70651  (13010109)                593247.59
4123639.92      202.34519  (13010109)
       593287.59   4123639.92      206.11545  (16112108)                593327.59
4123639.92      240.35563  (13123109)
       593367.59   4123639.92      284.38868  (14012109)                593407.59
4123639.92      328.61620  (14012109)
       593447.59   4123639.92      329.43594  (14111608)                593487.59
4123639.92      381.66642  (14110708)
       593527.59   4123639.92      458.58008  (14110808)                593567.59
4123639.92      450.45393  (14010609)
       593607.59   4123639.92      546.36906  (14110908)                593647.59
4123639.92      429.66220  (16101007)
       593687.59   4123639.92      487.99550  (15010809)                593727.59
4123639.92      369.47152  (13012417)
       593767.59   4123639.92      381.50862  (13030208)                593807.59
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594007.59	4123639.92	159.51361	(15010619)	593087.59	4123679.92	131.64389	(13010109)
593127.59	4123679.92	147.95512	(13010109)	593167.59	4123679.92	160.10191	(13010109)
593207.59	4123679.92	164.58315	(13010109)	593247.59	4123679.92	170.56382	(13123109)
593287.59	4123679.92	202.44386	(13123109)	593327.59	4123679.92	235.11031	(14012109)
593367.59	4123679.92	264.48092	(14012109)	593407.59	4123679.92	260.24156	(14111608)
593447.59	4123679.92	284.94743	(14110708)	593487.59	4123679.92	335.44689	(14110808)
593527.59	4123679.92	367.25309	(14110808)	593567.59	4123679.92	387.69922	(14110908)
593607.59	4123679.92	434.16126	(14110908)	593647.59	4123679.92	348.00544	(16101007)
593687.59	4123679.92	397.96517	(15010809)	593727.59	4123679.92	321.87018	(15040107)
593767.59	4123679.92	302.89255	(13030208)	593807.59	4123679.92	293.44179	(13030208)
593847.59	4123679.92	231.16682	(15011109)	593887.59	4123679.92	213.85707	(13070306)
593927.59	4123679.92	191.40661	(13070306)	593967.59			

4123679.92 165.20685 (14111403)
594007.59 4123679.92 149.75545 (16121208) 593087.59
4123719.92 130.74321 (13010109)
593127.59 4123719.92 135.62469 (13010109) 593167.59
4123719.92 136.83771 (16112108)
593207.59 4123719.92 151.77568 (13123109) 593247.59
4123719.92 172.68905 (13123109)
593287.59 4123719.92 198.73878 (14012109) 593327.59
4123719.92 219.23987 (14012109)
593367.59 4123719.92 211.34706 (14111608) 593407.59
4123719.92 231.22810 (15111208)
593447.59 4123719.92 263.78337 (14110708) 593487.59
4123719.92 306.54962 (14110808)
593527.59 4123719.92 305.49215 (14010609) 593567.59
4123719.92 344.22680 (14110908)
593607.59 4123719.92 353.09670 (14110908) 593647.59
4123719.92 289.48615 (16101007)
593687.59 4123719.92 327.99927 (15010809) 593727.59
4123719.92 288.94737 (15010809)
593767.59 4123719.92 246.61174 (13012417) 593807.59
4123719.92 255.39525 (13030208)
593847.59 4123719.92 227.55339 (13030208) 593887.59
4123719.92 185.68788 (15011109)
593927.59 4123719.92 176.54636 (13070306) 593967.59
4123719.92 159.67367 (13070306)
594007.59 4123719.92 139.53300 (14111403) 593087.59
4123759.92 114.79410 (13110408)
593127.59 4123759.92 115.80778 (14120608) 593167.59
4123759.92 135.26979 (13123109)
593207.59 4123759.92 149.08277 (13123109) 593247.59
4123759.92 171.04340 (14012109)
593287.59 4123759.92 185.90863 (14012109) 593327.59
4123759.92 180.08519 (14012109)
593367.59 4123759.92 190.92394 (15111208) 593407.59
4123759.92 214.12473 (14110708)
593447.59 4123759.92 239.75575 (14110808) 593487.59
4123759.92 262.35289 (14110808)
593527.59 4123759.92 256.32615 (14010609) 593567.59
4123759.92 304.01119 (14110908)
593607.59 4123759.92 292.86065 (14110908) 593647.59
4123759.92 245.47990 (16101007)
593687.59 4123759.92 273.20196 (15010809) 593727.59
4123759.92 262.79370 (15010809)
593767.59 4123759.92 207.74617 (16121102) 593807.59
4123759.92 211.62481 (13030208)
593847.59 4123759.92 211.38429 (13030208) 593887.59
4123759.92 178.97292 (13030208)
593927.59 4123759.92 155.77747 (16062506) 593967.59
4123759.92 149.06576 (13070306)
594007.59 4123759.92 136.13580 (13070306) 593087.59

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
593367.59	4123799.92	173.83201	(14110708)	593407.59	4123799.92	195.47350	(14110708)
593447.59	4123799.92	224.34196	(14110808)	593487.59	4123799.92	221.06910	(14010609)
593527.59	4123799.92	217.45821	(13111508)	593567.59	4123799.92	268.24221	(14110908)
593607.59	4123799.92	246.92949	(14110908)	593647.59	4123799.92	212.10806	(16101007)
593687.59	4123799.92	229.74338	(15010809)	593727.59	4123799.92	236.57113	(15010809)
593767.59	4123799.92	193.31510	(15040107)	593807.59	4123799.92	178.77946	(13012417)
593847.59	4123799.92	186.79079	(13030208)	593887.59	4123799.92	174.74998	(13030208)
593927.59	4123799.92	143.00252	(15011109)	593967.59	4123799.92	133.55407	(16062506)
594007.59	4123799.92	128.31375	(13070306)	593087.59	4123839.92	108.73862	(13123109)
593127.59	4123839.92	115.45624	(14012109)	593167.59	4123839.92	131.96317	(14012109)
593207.59	4123839.92	140.45463	(14012109)	593247.59			

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 4123839.92      137.07971  (14012109)
       593287.59   4123839.92      142.71211  (14111608)                593327.59
 4123839.92      150.42274  (15111208)
       593367.59   4123839.92      167.28545  (14110708)                593407.59
 4123839.92      183.01673  (14110808)
       593447.59   4123839.92      199.57298  (14110808)                593487.59
 4123839.92      196.37751  (14010609)
       593527.59   4123839.92      200.89172  (14110908)                593567.59
 4123839.92      237.17182  (14110908)
       593607.59   4123839.92      210.91095  (14110908)                593647.59
 4123839.92      185.82268  (16101007)
       593687.59   4123839.92      195.25661  (15010809)                593727.59
 4123839.92      211.62252  (15010809)
       593767.59   4123839.92      177.19517  (15040107)                593807.59
 4123839.92      158.30050  (13012417)
       593847.59   4123839.92      159.30303  (13030208)                593887.59
 4123839.92      161.86118  (13030208)
       593927.59   4123839.92      144.49867  (13030208)                593967.59
 4123839.92      123.14044  (15011109)
       594007.59   4123839.92      116.18688  (16062506)                593087.59
 4123879.92      104.64014  (14012109)
       593127.59   4123879.92      117.76370  (14012109)                593167.59
 4123879.92      124.41583  (14012109)
       593207.59   4123879.92      121.74587  (14012109)                593247.59
 4123879.92      125.10152  (14111608)
       593287.59   4123879.92      131.26975  (15111208)                593327.59
 4123879.92      142.17146  (14110708)
       593367.59   4123879.92      152.04952  (14110708)                593407.59
 4123879.92      173.82291  (14110808)
       593447.59   4123879.92      171.28151  (14110808)                593487.59
 4123879.92      171.92908  (14010609)
       593527.59   4123879.92      188.67520  (14110908)                593567.59
 4123879.92      210.54863  (14110908)
       593607.59   4123879.92      182.02005  (14110908)                593647.59
 4123879.92      164.71772  (16101007)
       593687.59   4123879.92      168.99520  (16061906)                593727.59
 4123879.92      188.71554  (15010809)
       593767.59   4123879.92      165.82602  (15010809)                593807.59
 4123879.92      140.41553  (16121102)
       593847.59   4123879.92      137.93479  (13012417)                593887.59
 4123879.92      144.58302  (13030208)
       593927.59   4123879.92      139.08642  (13030208)                593967.59
 4123879.92      120.17822  (13030208)
       594007.59   4123879.92      107.25195  (15011109)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                        ***       09:05:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
CUP	1ST HIGHEST VALUE IS	402.92863 AT	(593607.59, 4123439.92, 83.47, 83.47, 0.00)	DC	
	2ND HIGHEST VALUE IS	392.76816 AT	(593647.59, 4123399.92, 84.41, 84.41, 0.00)	DC	
	3RD HIGHEST VALUE IS	308.46391 AT	(593687.59, 4123399.92, 84.06, 84.06, 0.00)	DC	
	4TH HIGHEST VALUE IS	284.01319 AT	(593687.59, 4123359.92, 83.75, 83.75, 0.00)	DC	
	5TH HIGHEST VALUE IS	275.25645 AT	(593607.59, 4123399.92, 84.98, 84.98, 0.00)	DC	
	6TH HIGHEST VALUE IS	211.77829 AT	(593647.59, 4123439.92, 82.37, 82.37, 0.00)	DC	
	7TH HIGHEST VALUE IS	199.70384 AT	(593567.59, 4123439.92, 84.55, 84.55, 0.00)	DC	
	8TH HIGHEST VALUE IS	171.58786 AT	(593647.59, 4123359.92, 84.31, 84.31, 0.00)	DC	
	9TH HIGHEST VALUE IS	163.13112 AT	(593727.59, 4123359.92, 83.66, 83.66, 0.00)	DC	
	10TH HIGHEST VALUE IS	127.22845 AT	(593567.59, 4123479.92, 81.25, 81.25, 0.00)	DC	
ALL	1ST HIGHEST VALUE IS	402.92863 AT	(593607.59, 4123439.92, 83.47, 83.47, 0.00)	DC	
	2ND HIGHEST VALUE IS	392.76816 AT	(593647.59, 4123399.92, 84.41, 84.41, 0.00)	DC	
	3RD HIGHEST VALUE IS	308.46391 AT	(593687.59, 4123399.92, 84.06, 84.06, 0.00)	DC	
	4TH HIGHEST VALUE IS	284.01319 AT	(593687.59, 4123359.92, 83.75, 83.75, 0.00)	DC	
	5TH HIGHEST VALUE IS	275.25645 AT	(593607.59, 4123399.92, 84.98, 84.98, 0.00)	DC	
	6TH HIGHEST VALUE IS	211.77829 AT	(593647.59, 4123439.92, 82.37, 82.37, 0.00)	DC	

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          7TH HIGHEST VALUE IS     199.70384 AT (  593567.59,  4123439.92,
84.55,    84.55,    0.00)  DC
          8TH HIGHEST VALUE IS     171.58786 AT (  593647.59,  4123359.92,
84.31,    84.31,    0.00)  DC
          9TH HIGHEST VALUE IS     163.13112 AT (  593727.59,  4123359.92,
83.66,    83.66,    0.00)  DC
         10TH HIGHEST VALUE IS     127.22845 AT (  593567.59,  4123479.92,
81.25,    81.25,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
                       ***        09:05:37

                                  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                   ** CONC OF TOG      IN MICROGRAMS/M**3
              **

                                                        DATE
                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

CUP      HIGH   1ST HIGH VALUE IS    5711.25892  ON 13120202: AT (  593607.59,
4123399.92,    84.98,    84.98,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS    5711.25892  ON 13120202: AT (  593607.59,
4123399.92,    84.98,    84.98,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD View\Good Sam_Ops_TOG\Good
Sam_Ops_TOG.isc           ***        10/16/23
 *** AERMET - VERSION  18081 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   930 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   530 Calm Hours Identified

A Total of   400 Missing Hours Identified (0.91 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   67   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187   67   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

APPENDIX D

ARBORIST REPORT

CARLSBAD
CLOVIS
IRVINE
LOS ANGELES
PALM SPRINGS
POINT RICHMOND
RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

April 19, 2024

Brian Leung, AICP
Kimley-Horn
1100 W Town and Country Road, Suite 700
Orange, California 92868

Subject: Tree Inventory and Evaluation for Good Samaritan Hospital, San Jose, Santa Clara County, California

Dear Mr. Leung:

LSA conducted a tree inventory and evaluation of all trees associated with the Good Samaritan Hospital, located at 2425 Samaritan Drive in San Jose, Santa Clara County, California (see **Attachment A, Figure 1**). The purpose of this inventory was to document existing conditions with the approximately 20-acre project site composed of Assessor's Parcel Numbers 421-36-009 and 421-36-011. The project site is bounded by State Route 85 to the north, Samaritan Place to the east, Samaritan Drive to the south, and medical office buildings to the west.

The proposed project consists of three phases. The first phase would include construction of a new hospital wing and a new parking structure to accommodate the hospital's existing acute care facilities and operations. The second phase would include construction of an additional hospital wing, a medical office building, additional floors on the first phase parking structure, and an additional parking structure. The optional third phase would remove the existing hospital and construct additional parking. Hospital facility upgrades are required for the hospital to meet seismic compliance guidelines established by Senate Bill 1953, stay up to date with current hospital care guidelines, and keep up with changes in the healthcare industry.

METHODS

Field Survey and Evaluation

LSA inventoried and evaluated trees within the project site with a single main stem of at least 6 inches in diameter at breast height (DBH)[1]. The primary objective of the review was to document existing trees and determine if any trees qualify as an "ordinance tree", "street tree", or "heritage tree" as defined by the City's Tree Ordinance.

[1] Diameter at breast height, or DBH, is normally measured at 54 inches above the average ground height. Exceptions include leaning trees, trees on sloped terrain, and trees with low branches or multiple stems. Leaning trees or trees on sloped terrain are measured at a right angle to the trunk, 54 inches from the ground height along the center axis of the trunk. Trees with branches below 54 inches are measured at the smallest diameter below the smallest branch. Trees with multiple stems (from ground level) are measured at 54 inches from the average ground height for each stem. A combination logger/diameter tape was used to measure DBH.

All trees identified on the site were marked with a green anodized aluminum, square shaped numbered tag (image to right). Each tag was labeled: LSA, Tree Tags, and a pre-stamped number. Tags were attached with a galvanized 8D nail at 6 feet above ground level.



LSA performed a Level 2 – Basic Visual Assessment in accordance with the ISA's Best Management Practices. This assessment level is limited to the observation of conditions and defects that are readily visible from the ground. No laboratory or chemical testing or analysis was performed.

Data collected included species identification and measurements of DBH, height, and canopy spread. Each tree was also evaluated for overall health (including a rating) and recommendations were noted as applicable.

Due to the timing of the survey in early spring and the unusually wet winter, deciduous trees were largely lacking leaves, fruit, or other identifying characteristics. This made species identification and overall tree health difficult to establish. All efforts were made to identify each tree to species or genus, however trees which could not be identified are listed as "Unknown". Additionally, all deciduous species were assigned a health rating of 3 – "Good" unless other visual signs (e.g., wounds, loss of bark, structural issues, fungal fruiting bodies, disease) were noted to warrant a less favorable rating.

Personnel

LSA arborist Anna Van Zuuk, International Society of Arboriculture (ISA) Certified Arborist #WE-12612A, conducted a field visit on March 28–30, 2023. LSA botanist Hannah de la Calle assisted the tree inventory and evaluation.

CITY OF SAN JOSE TREE ORDINANCE (CHAPTERS 13.28 AND 13.32)

LSA reviewed the City of San Jose's (City) municipal code[2] (updated July 31, 2023) to determine which ordinances (if any) were applicable to the project. 'Chapter 13.28 – Street Trees, Hedges, and Shrubs' and 'Chapter 13.32 – Tree Removal Controls' contain the City's policies which apply to tree resources. The full language of the County ordinance can be viewed online, however the following definitions and policies are applicable to this report.

Definitions – Sections 13.28.010-105 and 13.32.020

The following definitions govern the application, interpretation, and construction of the City's Tree Ordinance:

[2] City of San Jose. 2023. Municipal Code City of San Jose, California. Codified through Ordinance No. 30929. Adopted June 20, 2023. (Supp. No. 42, Update 4). Online content updated on July 31, 2023. Available online at: https://library.municode.com/ca/san_jose/codes/code_of_ordinances (accessed August 6, 2023).

- “American National Standards Institute (ANSI)” means the most current version of the ANSI A300 (Part 1 – Pruning) setting forth the standards and practices for the care and protection of trees, shrubs, hedges, and other plants.

- "Certified arborist" means an individual who has demonstrated knowledge and competency of arboriculture through the obtainment of an arborist certification from the International Society of Arboriculture, or its successor organization if that organization no longer exists, or who is a member of the American Society of Consulting Arborists, or its successor organization if that organization no longer exists.

- “Critical root zone” means a defined circular area around a tree with a radius measured to the nearest foot of the tree’s longest dripline radius plus one foot.

- “Dead” or "Dead tree" means a tree that is no longer alive, has been damaged beyond repair, or is in an advanced state of decline (where an insufficient amount of live tissue, green leaves, limbs or branches exists to sustain life) and has been determined to be in such a state by a certified arborist during a non-dormant or other natural stage of the tree that would minimize the likelihood that the tree would be mistakenly identified as being in such a dead state.

- "Director" means the Director of Planning, Building and Code Enforcement of the City of San José or such other person designated by the City Manager to administer and enforce the provisions of this Chapter.

- "Dripline" means the area around the base of a tree directly under the canopy cover of the tree and extending out as far as the canopy.

- "Hazardous condition" shall mean any tree that is or appears to be: (i) dead; (ii) likely to fall; (iii) seriously diseased; (iv) an obstruction or potential obstruction to pedestrian or vehicular travel in any street; (v) an obstruction or potential obstruction to any traffic signs, traffic controls, streetlights, regulatory sign, or similar type of equipment or sign; or (vi) in a condition that is detrimental to the public health, safety, or general welfare.

- "Imminently hazardous condition" shall mean a hazardous condition which presents an immediate threat to the health, safety or general welfare of persons or property and/or the public which requires immediate action to abate.

- "Invasive Tree" means any Tree that is both non-native and able to establish on many sites within the South San Francisco Bay Area, grow quickly, and spread to the point of disrupting local plant communities or ecosystems.

- "Live tree" means any tree that is not a dead tree.

- "Ordinance tree" means a tree defined in this section hereinbelow and whose removal or topping is covered by and subject to the provisions of this Chapter.”

- “Planting easement” means an easement in the name of the city for planting trees, shrubs or hedges contiguous to the public right-of-way for vehicular traffic.

- “Remove” means eliminate, take away, uproot or destroy. For purposes of this Chapter, “remove” also means taking any action that reasonably and foreseeably will lead to the death of a tree or to permanent significant damage to the health or structural integrity of a tree. Such actions can include, without limitation and by way of example, excessive pruning, cutting, girding, poisoning, or watering of a tree; the unauthorized relocation or transportation of a tree; excessive excavation, alteration, or grading of the soil within the dripline of a tree, or excessively bruising, tearing or breaking the roots, bark, trunk or branches of a tree.

- “Street” means a public right-of-way owned by or under the control of the City of San Jose whose primary function is to carry vehicular traffic and shall also include sidewalks, park strips and planting easements.

- “Street tree” means any tree that is planted on a street.

- “Topping” means cutting the branches of an ordinance tree in a manner that destroys the existing symmetrical appearance or natural shape of the tree and involves the removal of main lateral branches and leaving the trunk of the tree or major branches of the tree with a stub appearance.

- “Tree” means any live or dead woody perennial plant characterized by having a main stem or trunk which measures thirty-eight (38) inches or more in circumference (12 inches in diameter) at a height of fifty-four (54) inches above natural grade slope. For purposes of this Chapter, a multi-trunk tree shall be considered a single tree and measurement of that tree shall include the sum of the circumference of the trunks of that tree at a height of fifty-four inches above natural grade slope. "Tree" shall include the plural of that term.

- “Unsuitable Tree” means a live tree or dead tree on a lot that is used for a one-family dwelling as defined in Section 20.200.320, a two-family dwelling as defined in Section 20.200.330 or any other land use as defined in Title 20 of the San José Municipal Code, where the tree is not a heritage tree as defined in Section 13.32.140, a candidate for heritage tree status, or a palm tree in the Palm Haven Conservation Area and meets at least one of the following criteria:

    1. On any lot used for a one-family dwelling, two-family dwelling, or multi-family dwelling, the part of the tree trunk nearest to the one-family dwelling, two-family dwelling, or multi-family dwelling including any secondary unit or garage on the same lot is five (5) feet or less from the nearest above-grade part of the one-family dwelling, two-family dwelling, or multi-family dwelling, including secondary unit or garage; or

    2. On any lot, the part of the tree trunk nearest to a below-grade utility pipe or line is five (5) feet or less from the centerline of that below-grade utility pipe, below-grade utility line; or

    3. On a lot used for a one-family dwelling or a two-family dwelling, the tree belongs to a species that has been found by the City Council to be uniquely less compatible with the

immediate environment because the species is invasive or non-native to the San José region or is susceptible to disease. Such tree species shall be placed on an Unsuitable Tree species list which shall be adopted by the City Council by resolution, which resolution may be amended from time to time to add or delete certain tree species.

4. A Tree on any lot that creates an Imminently Hazardous Condition as evidenced by a report prepared and executed by a certified arborist that is submitted to the Director documenting that the tree creates an Imminently Hazardous Condition pursuant to the definition set forth in Section 13.32.020 above.

(Prior code § 8931; Ords. 29000, 21363, 26595, 29195, 30057.)

Heritage Trees – Sections 13.28.220, 13.32.140

a. Any tree as the term "tree" is defined which, because of factors including but not limited to its history, girth, height, species or unique quality, has been found by the city council to have a special significance to the community shall be designated a heritage tree. Such trees shall be placed on a heritage tree list which shall be adopted by the city council by resolution, which resolution may be amended from time to time to add to or delete certain trees therefrom.

b. Any person who unlawfully vandalizes, grievously mutilates, removes or destroys such a heritage tree shall be subject to any appropriate enforcement action by the city, including without limitation the imposition of an administrative citation with the imposition of a civil penalty in the amount up to thirty thousand dollars or set forth by resolution of the city council for each such tree so vandalized, mutilated, removed or destroyed within a three-year period, the collection of which shall be enforced by civil action brought in the name of the city by the city attorney.

(Ords. 29000, 21362, 26595.)

Activities Requiring a Permit – Sections 13.28.300-310, 13.32.030-041

The City's Tree Ordinance considers the following actions to be unlawful unless a permit has been issued or the activity is required:

- Planting or installation of a street tree (Section 13.28.300);
- Pruning or removal of a street tree, or conducting any construction work or activity that may affect the critical root zone of a street tree (Section 13.28.310);
- Removal of any live tree from any private parcel of land in the City (Section 13.32.030);
- Removal of a dead tree from any private parcel of land in the City (Section 13.32.040);
- Removal of an unsuitable tree from any private parcel of land in the City (Section 13.32.041);

(Prior code § 8932; Ords. 29000, 21363, 26595.)

Development Permit Combined – 13.28.330, 13.32.080

The request for a street tree planting or tree removal permit pursuant to the provisions of these chapters may be included as part of an application for a development permit under the provisions of Title 20 of this Municipal Code. Where the request for a tree removal permit is included as a part of a development permit application under Title 20, the development permit may serve as the tree removal permit and be processed under the application, noticing, hearing and appeal provisions applicable to the development permit application, and no separate tree removal permit application and tree removal permit shall be required, so long as all of the substantive provisions and permit processing requirements of this chapter are met as a part of processing that development permit application.

(Ord. 29000, 26595.)

Safeguarding Trees During Construction - 13.32.130

For the purpose of safeguarding trees during construction, all of the following conditions shall apply to all such trees except for trees for which a tree removal permit has been issued or which are required to be removed pursuant to Chapter 13.28:

a. Prior to the issuance of any approval or permit for the construction of any improvement on the building site, all trees on the site shall be inventoried by the owner or contractor as to size (including diameter/circumference), species and location on the lot and the inventory shall be submitted on a topographical map to the director; and

b. Damage to any tree during construction shall be immediately reported by a person causing the damage, the responsible contractor, or the owner to the director, and the contractor and/or owner shall treat the tree for damage in the manner specified by the city arborist; and

c. No construction equipment, vehicles or materials shall be stored, parked or standing within the tree dripline; and

d. Drains shall be installed according to city specifications so as to avoid harm to trees due to excess watering; and

e. Wires, signs and other similar items shall not be attached to trees; and

f. Cutting and filling around the base of trees shall be done only after consultation with the city arborist and then only to the extent authorized by the city arborist; and

g. No paint thinner, paint, plaster or other liquid or solid excess or waste construction materials or wastewater shall be dumped on the ground or into any grate between the dripline and the base of the tree or uphill from any tree where certain substances might reach the roots through a leaching process; and

h. Fencing shall be installed outside the canopy of the tree to the dripline unless otherwise directed by the certified arborist to prevent injury to trees making them susceptible to disease causing organisms; and

i. Wherever cuts or soil disturbances are made in the ground near the roots of trees, appropriate measures shall be taken to prevent exposed soil from drying out and causing damage to tree roots as prescribed in a certified arborist report.

(Ords. 21362, 26595, 30057.)

RESULTS

A total of 414 trees (**Table A**) were inventoried and evaluated within the project site or on adjacent private property with potential canopy or root zone intrusion into the project site (see **Attachment A, Figure 2**).

Of the 414 trees that were inventoried, 161 qualify as "ordinance trees" and 44 qualify as "street trees" (of which 18 trees also qualify as ordinance trees) as defined by the City's tree ordinance. All trees identified within the survey area are summarized in **Table A** below and shown in **Figure 2**. A table listing all trees species, their size, general health, and any supporting notes or recommendation is included in **Attachment B**. Ordinance trees are highlighted green in **Attachment B** and are noted with a green tree tag label in **Figure 2**; street trees are highlighted blue in **Attachment B** and are noted with a blue tree tag label in **Figure 2** (if not also an ordinance tree).

LSA queried the City's heritage tree database[3] on June 8, 2023, and determined that one heritage tree is listed as occurring within the project site. This listing (File No. HT-09-001) is for a coast live oak at the entrance of Good Samaritan Hospital with a diameter of 52 inches. Based on the photograph included in the listing (dated July 31, 1995) and the trees inventoried within the project area, this tree is no longer present within the project site. No information could be located regarding the tree's removal or failure.

Due to the nature of the project, the vast majority of the existing 414 trees would be removed during construction. Approximately 44 trees would be retained – several trees in the northwest corner of the project site around the helipad (Tree Nos 132, 135-138, and A4430 – A4432), a grove of oaks in the central portion of the site near the northern boundary (Tree Nos A4433 – A4452), a line of planted trees along the western wall of the existing hospital (Tree Nos A4662 – A4670), and a cluster of mature trees at the hospital entrance at the junction of Samaritan Place and Samaritan Drive (Tree Nos. A4614 – A4615, A4619, and A4621 – A4624). The project is being designed to retain the maximum number of trees practicable, and more trees may be retained than those mentioned above.

[3] City of San Jose. 2023. City of San Jose Heritage Trees. Website: https://www.sanjoseca.gov/your-government/departments-offices/transportation/landscaping/trees/heritage-trees (accessed June 8, 2023).

Table A: Summary of Trees Observed Within the Project Site

Species	Total Number of Trees in Project Site	Number of Ordinance Trees	Number of Street Trees*	Total Number of Trees to Be Removed (TBR)	Number of Ordinance Trees TBR	Number of Street Trees TBR
Alder (*Alnus* spp.)	2	1	0	2	1	0
Ash (*Fraxinus* spp.)	38	22	19	38	22	19
Bradford pear (*Pyrus calleryana*)	14	3	0	8	3	0
California fan palm (*Washingtonia filifera*)	1	1	0	1	1	0
Camphor tree (*Cinnamomum camphora*)	2	1	0	2	1	0
Canary Island date palm (*Phoenix canariensis*)	1	1	0	1	1	0
Cherry plum (*Prunus cerasifera*)	2	0	0	1	0	0
Chinese juniper (*Juniperus chinensis*)	1	1	1	1	1	1
Coast live oak (*Quercus agrifolia*)	72	20	3	60	14	3
Coast redwood (*Sequoia sempervirens*)	53	41	7	47	35	7
Crepe myrtle (*Lagerstroemia indica*)	16	1	2	16	1	2
Deodar cedar (*Cedrus deodara*)	5	5	3	2	2	0
Fern pine (*Afrocarpus falcatus*)	4	4	0	4	4	0
Flowering cherry (*Prunus* spp.)	1	0	0	1	0	0
Hackberry (*Celtis* spp.)	1	1	0	1	1	0
Holly oak (*Quercus ilex*)	136	43	2	123	39	2
Japanese maple (*Acer palmatum*)	14	0	0	14	0	0
Paper birch (*Betula papyrifera*)	12	2	1	12	2	1
Privet (*Ligustrum* spp.)	2	0	0	2	0	0
Purple-leaf plum (*Prunus cerasifera* 'Atropurpurea')	6	0	0	4	0	0
Red flowering gum (*Corymbia ficifolia*)	1	1	0	1	1	0
Red iron bark (*Eucalyptus sideroxylon*)	7	7	0	7	7	0
Sawleaf zelkova (*Zelkova serrata*)	1	1	0	1	1	0
Siberian elm (*Ulmus parviflora*)	1	0	0	0	0	0
Silk oak (*Grevillea robusta*)	2	2	0	2	2	0
Silver dollar gum (*Eucalyptus polyanthemos*)	3	3	0	3	3	0
Southern live oak (*Quercus virginiana*)	1	0	0	1	0	0
Southern magnolia (*Magnolia grandiflora*)	1	0	0	1	0	0
Sycamore (*Platanus* spp.)	6	0	6	6	0	6
Unknown	4	0	0	4	0	0
Washington hawthorn (*Crataegus phaenopyrum*)	3	0	0	3	0	0
White birch (*Betula pendula*)	1	1	0	1	1	0
TOTAL	**414**	**161**	**44**	**370**	**143**	**41**

Source: Compiled by LSA (2023).
* Includes 18 trees which also qualify as ordinance trees.
TBR = to be removed

GENERAL RECOMMENDATIONS

Due to the evolving nature of the project design, the following recommendations are intended to apply to all retained trees and tree removals within the project site and are not specific to any one tree. The tree protection measures, in combination with the safeguards outlined in the City's tree ordinance (Section 13.32.130, above), will ensure that any construction impacts to retained trees will be minimal. Additionally, tree replacement requirements and in-lieu fee options to compensate for tree removals are outlined below.

Tree Protection Measures for Retained Trees

Tree Protection During Construction

Trees to be retained should be enclosed in a tree protection zone (TPZ) to prevent direct damage to the trees and their growing environment during construction. A TPZ fence should be installed around each tree or group of trees at a distance no less than 5 feet outside the dripline (canopy). In no case should the TPZ fence be less than 10 feet from the trunk of the tree. The fencing should be installed before site preparation, construction activities, or tree trimming begins and should consist of blaze orange barrier fencing supported by metal "T-rail" fenceposts.

Tree Maintenance Prior to and During Construction, Canopy

It may be necessary to trim the canopy of a tree to reduce the hazard of accidental limb failure or to allow the movement of construction machinery. Although no specific branch or branches are recommended for removal, planned tree work should consider removing dead, crossed, and/or malformed limbs. All branches to be removed should be pruned back to an appropriately sized lateral or to the trunk by following proper pruning guidelines. It is recommended that a professional tree company with certified arborists be retained to do this work. If accidental damage of tree trunks and limbs should occur during constriction, a professional arborist should be consulted to properly address these issues. Tree trimming should not be allowed to be performed by construction personnel.

Tree Maintenance Prior to and During Construction, Root Zones

Tree roots often extend far beyond the canopy dripline. To reduce the root shock trees are likely to experience during construction, a watering schedule should be initiated a minimum of 30 days prior to the start of construction. During construction, supplemental irrigation should be applied as needed based upon seasonal temperatures and soil moisture. An arborist can help determine the watering schedules.

If encroachment into the TPZ cannot be avoided, the design should consider special construction to allow the roots to breathe and obtain water. In situations where construction leads to excavation work within the dripline of trees, this work should be done with light equipment or by hand whenever possible to avoid tearing large diameter roots. All roots encountered during excavation should be cut with a sharp blade, taking care not to rip the roots. Excavation adjacent to any retained tree should not be permitted where damage to the large structural or fibrous matting root system will result. Root removal that jeopardizes the structural integrity or the health of the tree should be avoided. The existing ground surface within the TPZ should not be cut, filled, compacted,

or paved. Root collars should not be buried when exposed roots are backfilled with native soil to a natural grade. Any root pruning required for construction purposes should receive the prior approval of and be supervised by a certified arborist or a consulting arborist retained for the supervision of tree work on site.

Methods or treatments used to minimize damage to nearby roots may include root pruning prior to grading, use of retaining walls with discontinuous footings avoiding large structural roots, use of paving sections that require a minimum amount of excavation, and the use of air and water pervious pavement. If pervious pavement cannot be used, then a root aeration system should be considered. There are many different methods and designs for venting impervious pavement for root aeration, and a professional arborist can assist the developer in finding the best solution.

Activities Prohibited Within Canopy Driplines

Heavy machinery should not be allowed to operate or park within the TPZ, nor should any excess soil, chemicals, debris, equipment, or other materials be dumped or stored within the TPZ or upslope of the protected trees. If it is necessary for heavy machinery to operate within the dripline of the preserved protected trees, then a layer of mulch or pea gravel at least 4 inches in depth should be placed on the ground beneath the dripline. A ¾-inch sheet of plywood should be placed on top of the mulch. The plywood and mulch will reduce compaction of the soil within the dripline. Debris or materials shall not be placed within TPZs or against tree trunks.

Tree Replacement

The replacement tree requirements outlined the **Table B** below were provided by the City's Planning Division for this project:

Table B: City of San Jose Tree Replacement Requirements

Circumference of Tree to be Removed (measured at 4.5 feet above ground)	Type of Tree to be Removed		Minimum Size of Each Replacement Tree
	Native	Non-Native	
38 inches or greater	5:1	4:1	15-gallon
18 – 38 inches	3:1	2:1	15-gallon
Less than 18 inches	1:1	1:1	15-gallon

Source: City of San Jose (2023).
x:x = tree replacement to tree loss ratio.
A 24-inch box tree can be used in lieu of two 15-gallon trees.

There are a total of 31 species of trees present in the project site, only three of which are native to California: California fan palm, coast live oak, and coast redwood. The remaining 28 tree species are non-native species. For the purposes of this calculation, all 'Unknown' species are considered non-native tree species.

Based on this information, the project would be required to provide a minimum of 920 15-gallon replacement trees: 336 for the loss of native tree species and 584 for the loss of non-native tree species. A 24-inch box tree may be used in place of two 15-gallon trees, which would equate to 460 24-inch box trees: 068 for the loss of native tree species and 292 for the loss of non-native tree species. Tree replacements are summarized below in **Table C**.

Table C: Required Replacement Trees for the Project

Circumference of Removed Tree	Number of Trees to be Removed		Replacement Ratio		Required Replacement Trees (15-gallon / 24-inch box)	
	Native	Non-Native	Native	Non-Native	Native	Non-Native
38 inches or greater	40	77	5:1	4:1	200 / 100	308 / 154
18 – 38 inches	39	122	3:1	2:1	117 / 58 + 1 15-gallon	244 / 122
Less than 18 inches	19	32	1:1	1:1	19 / 9 + 1 15-gallon	32 / 16
Total	**98**	**231**	**–**	**–**	**336 / 168**	**584 / 292**

If the project site does not contain sufficient area to accommodate the required replacement tree plantings, the project may choose one of the following options:

- Replacement trees may be planted at an off-site location deemed appropriate by the Director of Planning within the City of San Jose (City of San Jose Tree Ordinance Section 13.32.110.C); or

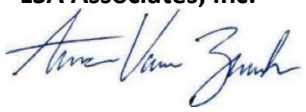
- Pay an in-lieu fee to the City prior to the issuance of the Public Works grading permit(s) in accordance with the approved City Council Fee Schedule. The current fee schedule, effective August 15, 2022, lists a fee of $775 per tree.

On-site or off-site replacement trees must remain alive for 3 years after planting. Any replacement tree that fails within 3 years after planting shall be promptly replaced (City of San Jose Tree Ordinance Section 13.32.110).

If you have any questions, please contact me at (916) 844-2983 or at anna.vanzuuk@LSA.net.

Sincerely,

LSA Associates, Inc.

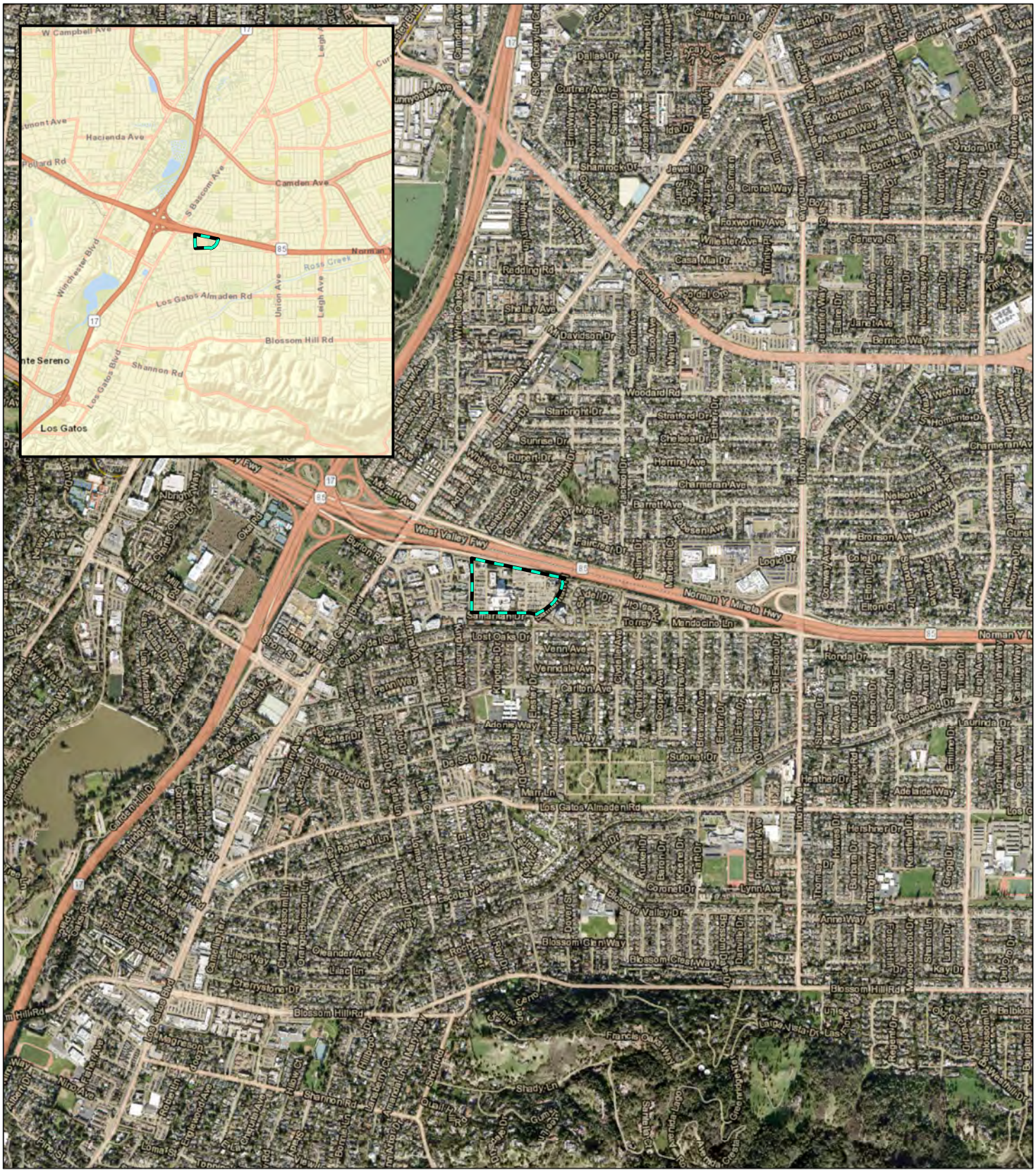


Anna Van Zuuk
ISA Certified Arborist #WE-12612A

Attachments: A – Figures
B – General Tree Information
C – Definitions

ATTACHMENT A

FIGURES



LSA

LEGEND

Survey Area - (19.23 ac)

FIGURE 1

N

0 1000 2000

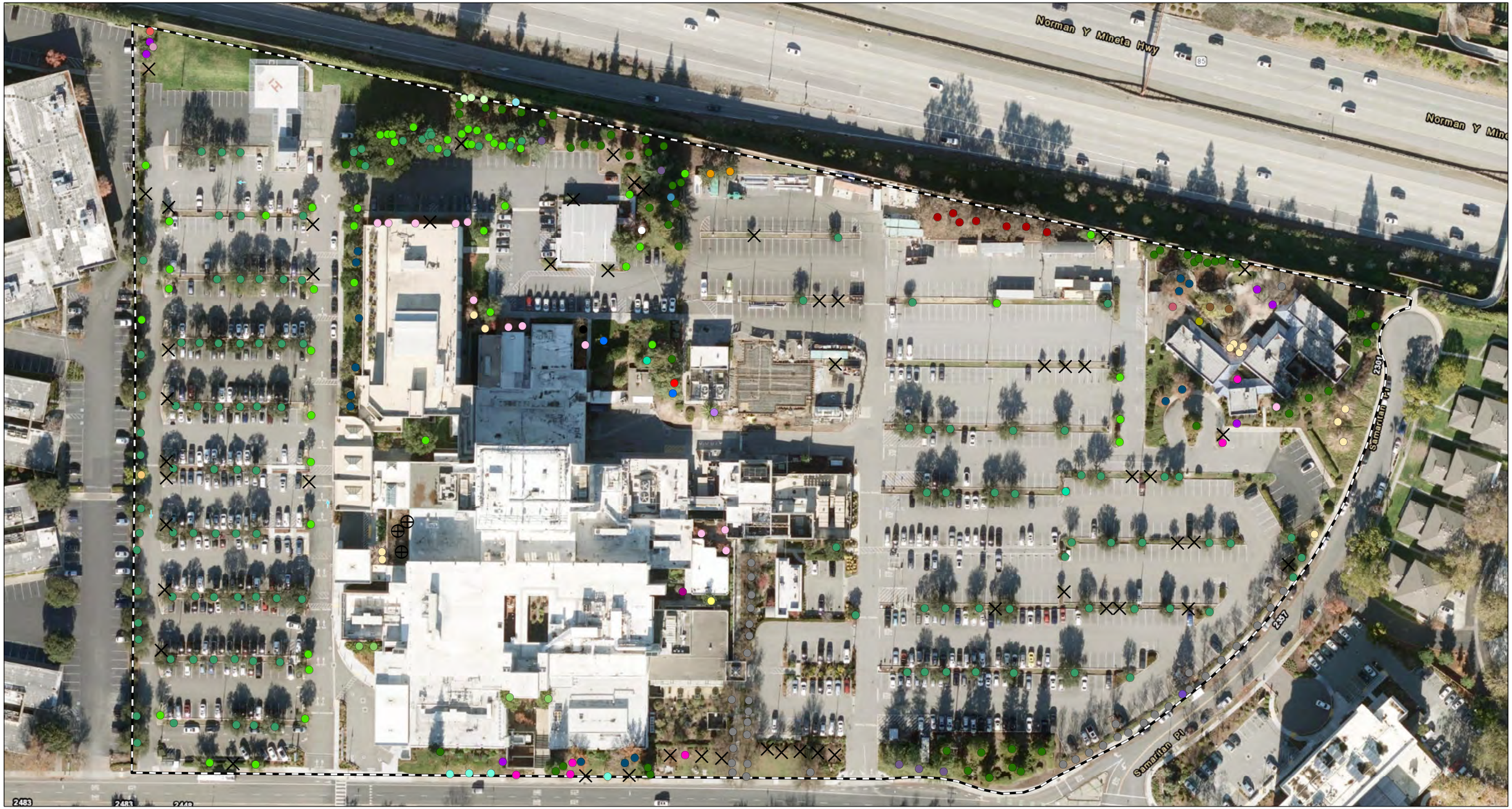
FEET

Good Samaritan Hospital Tree Inventory
San Jose, Santa Clara County, California
LSA Project No. 20230915

Project Location

SOURCE: Vivid Maxar Aerial Imagery (07/2021)

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LSA

LEGEND

Survey Area - (19.23 ac)

Tree Location by Species

- Alder - (2)
- Ash - (38)
- Bradford pear - (14)
- California fan palm - (1)
- Camphor tree - (2)
- Canary island date palm - (1)
- Cherry plum - (1)
- Chinese juniper - (1)
- Coast live oak - (53)
- Coast redwood - (53)
- Crepe myrtle - (6)
- Deodar cedar - (5)
- Fern pine - (4)
- Flowering cherry - (1)
- Hackberry - (1)
- Holly oak - (119)
- Japanese maple - (13)
- Paper birch - (12)
- Privet - (2)
- Purple-leaf plum - (6)
- Red flowering gum - (1)
- Red iron bark - (7)
- Sawleaf zelkova - (1)
- Siberian elm - (1)
- Silk oak - (2)
- Silver dollar gum - (3)
- Southern live oak - (1)
- Southern magnolia - (1)
- Sycamore - (4)
- Unknown - (1)
- Washington hawthorn - (1)
- White birch - (1)
- Trees <6" DBH
- Inaccessible Trees

N

0 50 100
FEET

SOURCE: Santa Clara County Aerial Imagery (11/2021); Mapping - LSA (04/2023)

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FIGURE 2
Index

Good Samaritan Hospital Tree Inventory
San Jose, Santa Clara County, California
LSA Project No. 20230915

Tree Locations



LSA

LEGEND

Survey Area - (19.23 ac)

Health

- 0 - Dead
- 1 - Poor
- 2 - Fair
- 3 - Good
- 4 - Above Average

Tree Health Rating - Total # Trees (# Trees on Page)

- 0 - Dead - 2 (1)
- 1 - Poor - 10 (2)
- 2 - Fair - 47 (21)
- 3 - Good - 287 (110)
- 4 - Above Average - 14 (6)
- Tree <6" DBH, Not Rated - 54 (16)

N

0 25 50

FEET

SOURCE: Santa Clara County Aerial Imagery (11/2021); Mapping - LSA (03/2023)

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FIGURE 2
Page 1 of 4

Good Samaritan Hospital Tree Inventory
San Jose, Santa Clara County, California
LSA Project No. 20230915

Tree Locations



LSA

LEGEND

Survey Area - (19.23 ac)

Health

- 0 - Dead
- 1 - Poor
- 2 - Fair
- 3 - Good
- 4 - Above Average

Tree Health Rating - Total # Trees (# Trees on Page)

- 0 - Dead - 2 (0)
- 1 - Poor - 10 (3)
- 2 - Fair - 47 (3)
- 3 - Good - 287 (61)
- 4 - Above Average - 14 (2)
- Tree <6" DBH, Not Rated - 54 (11)

0 25 50
FEET

SOURCE: Santa Clara County Aerial Imagery (11/2021); Mapping - LSA (03/2023)

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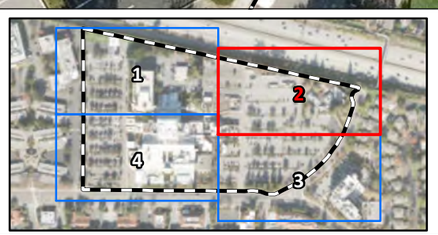
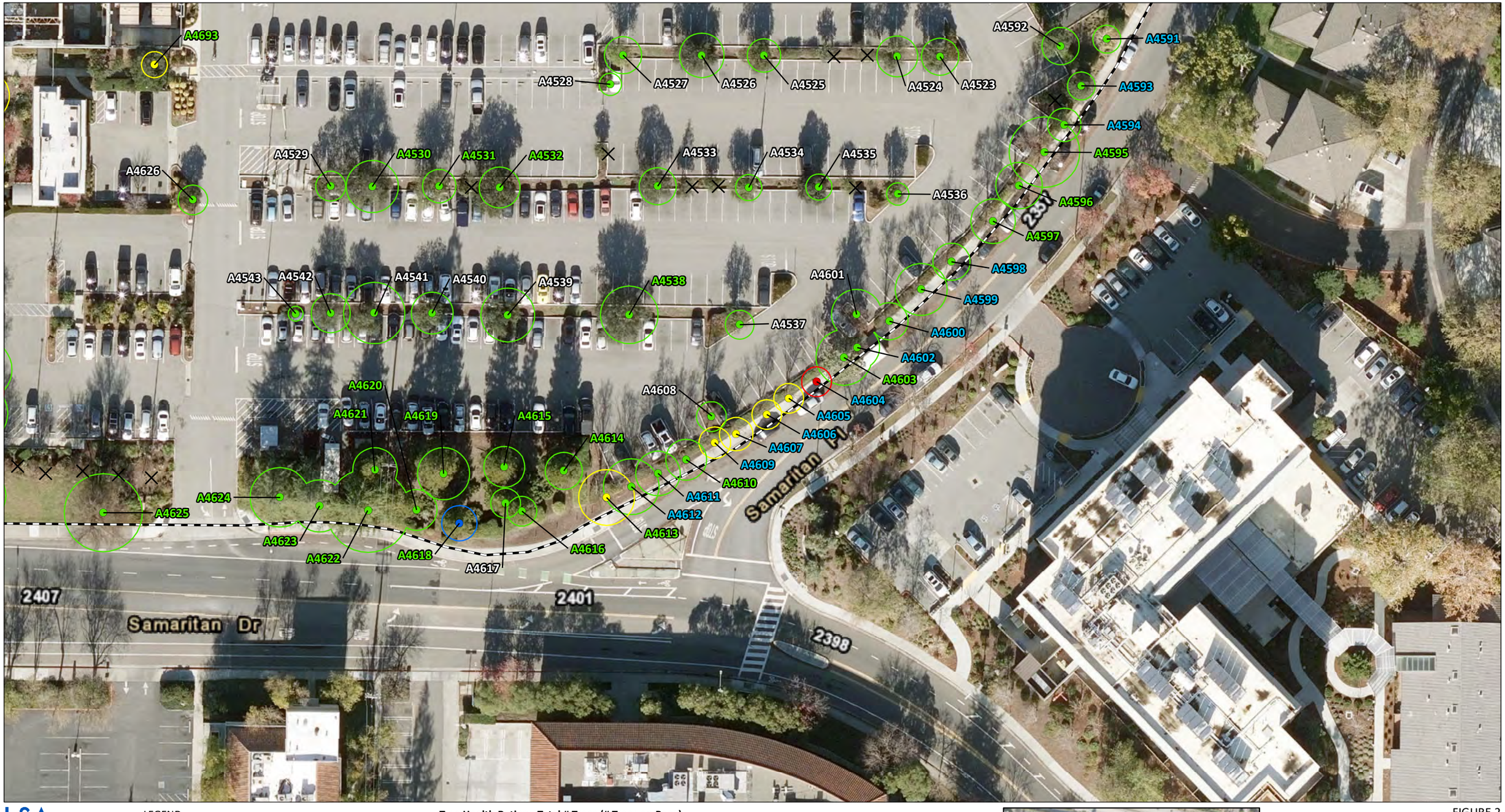


FIGURE 2
Page 2 of 4

Good Samaritan Hospital Tree Inventory
San Jose, Santa Clara County, California
LSA Project No. 20230915

Tree Locations



LSA

LEGEND

Survey Area - (19.23 ac)

Health

- 0 - Dead
- 1 - Poor
- 2 - Fair
- 3 - Good
- 4 - Above Average

Tree Health Rating - Total # Trees (# Trees on Page)

- 0 - Dead - 2 (0)
- 1 - Poor - 10 (1)
- 2 - Fair - 47 (6)
- 3 - Good - 287 (50)
- 4 - Above Average - 14 (1)
- Tree <6" DBH, Not Rated - 54 (13)

0 25 50
FEET

SOURCE: Santa Clara County Aerial Imagery (11/2021); Mapping - LSA (03/2023)

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FIGURE 2
Page 3 of 4

Good Samaritan Hospital Tree Inventory
San Jose, Santa Clara County, California
LSA Project No. 20230915

Tree Locations



LSA

LEGEND

Survey Area - (19.23 ac)

Health

- 0 - Dead
- 1 - Poor
- 2 - Fair
- 3 - Good
- 4 - Above Average

Tree Health Rating - Total # Trees (# Trees on Page)

- 0 - Dead - 2 (1)
- 1 - Poor - 10 (4)
- 2 - Fair - 47 (17)
- 3 - Good - 287 (66)
- 4 - Above Average - 14 (5)
- Tree <6" DBH, Not Rated - 54 (14)

0 25 50
FEET

SOURCE: Santa Clara County Aerial Imagery (11/2021); Mapping - LSA (03/2023)

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FIGURE 2
Page 4 of 4

Good Samaritan Hospital Tree Inventory
San Jose, Santa Clara County, California
LSA Project No. 20230915

Tree Locations

ATTACHMENT B

GENERAL TREE INFORMATION

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
---	Cherry plum	Prunus cerasifera	5.25	16.4933475	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5.75	18.0641425	---	---	2	DBH <6". Not tagged. Foliar chlorosis.
---	Coast live oak	Quercus agrifolia	5.25	16.4933475	---	---	3	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4	12.56636	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	3	9.42477	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4.25	13.3517575	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	3.5	10.995565	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	3.5	10.995565	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5.5	17.278745	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5.5	17.278745	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	5.25	16.4933475	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	3.75	11.7809625	---	---	---	DBH <6". Not tagged.
---	Coast live oak	Quercus agrifolia	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	---	---	---	---	---	Numerous small stems.
---	Crepe myrtle	Lagerstroemia indica	5.5	17.278745	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	12.5	39.269875	---	---	0	Not tagged.
---	Holly oak	Quercus ilex	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	3.5	10.995565	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	3.5	10.995565	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	3.25	10.2101675	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	2.75	8.6393725	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5.5	17.278745	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	4.5	14.137155	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5.5	17.278745	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	4.25	13.3517575	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Japanese maple	Acer palmatum	4	12.56636	---	---	---	DBH <6". Not tagged.
---	Sycamore	Platanus sp.	5.5	17.278745	---	---	---	DBH <6". Not tagged.
---	Sycamore	Platanus sp.	5	15.70795	---	---	---	DBH <6". Not tagged.
---	Unknown	---	11	34.55749	28	12.5	3	Inaccessible, not tagged. No leaves.
---	Unknown	---	7	21.99113	26	12	3	Inaccessible, not tagged. No leaves.
---	Unknown	---	9	28.27431	27	12	3	Inaccessible, not tagged. No leaves.
---	Washington hawthorn	Crataegus phaenopyrum	---	---	---	---	---	DBH <6". Not tagged.
---	Washington hawthorn	Crataegus phaenopyrum	---	---	---	---	---	DBH <6". Not tagged.
113	Holly oak	Quercus ilex	23	72.25657	29	17	4	Growing in 12' planting strip.
114	Holly oak	Quercus ilex	17.5	54.977825	23.5	14	3	Growing in 12' planting strip.

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
115	Holly oak	Quercus ilex	18	56.54862	19.5	17.5	4	Growing in 12' planting strip. DBH taken @ 2' below branching. Minimal basal sprouting.
117	Holly oak	Quercus ilex	14.25	44.7676575	18.5	12	4	Growing in 12' planting strip.
118	Holly oak	Quercus ilex	5	15.70795	---	---	---	DBH <6". Not tagged.
119	Holly oak	Quercus ilex	9	28.27431	14	9	0	Growing in 12' planting strip. Only live vegetation basal, adventitious sprouts.
120	Holly oak	Quercus ilex	15.5	48.694645	20.5	18	4	Growing in 12' planting strip. DBH taken @ 4' below branching. Basal sprouting.
121	Sawleaf zelkova	Zelkova serrata	18	56.54862	15	12	3	Growing in 12' planting strip. Basal sprouting.
122	Holly oak	Quercus ilex	7.25	22.7765275	10	7.5	3	Growing in 12' planting strip. DBH taken @ 4' below branching. Basal sprouting.
123	Holly oak	Quercus ilex	5.5	17.278745	14	---	---	DBH <6". Not tagged.
124	Holly oak	Quercus ilex	17	53.40703	23.5	19.5	4	Growing in 12' planting strip. DBH taken @ 3' below branching.
125	Holly oak	Quercus ilex	29	91.10611	25	17	4	Growing in 12' planting strip. Minor limb dieback.
126	Coast live oak	Quercus agrifolia	4.75	14.9225525	---	---	---	DBH <6". Not tagged.
129	Holly oak	Quercus ilex	17	53.40703	28	18.75	3	Growing in 5' planting strip. Basal, adventitious sprouting. Sparse canopy.
132	Coast live oak	Quercus agrifolia	6.75	21.2057325	15	10.5	3	Growing in 5' planting strip.
135	Purple-leaf plum	Prunus cerasifera 'Atropurpurea'	7.25	22.7765275	14.5	9	3	Surrounded by oleander.
136	Cherry plum	Prunus cerasifera	6.25	19.6349375	11	9	3	Surrounded by oleander. Flowering, few leaves.
137	Purple-leaf plum	Prunus cerasifera 'Atropurpurea'	7.25	22.7765275	9	9	2	DBH taken below trunk split. Surrounded by oleander. Minimal live canopy (competition with oleander). Bird nest.
138	Siberian elm	Ulmus parviflora	8	25.13272	18.5	14	3	Surrounded by oleander. Same species as RUP2101. Sparse canopy.
221	Holly oak	Quercus ilex	15.5	48.694645	19.5	14	3	Growing in 12' planting strip.
A4367	Coast live oak	Quercus agrifolia	10.75	33.7720925	15	10.25	2	Growing in 4' planting strip, shrubs on either side. Foliar chlorosis, sparse canopy.
A4368	Coast live oak	Quercus agrifolia	10	31.4159	15	6.5	2	Growing in 4' planting strip, shrubs adjacent. Foliar chlorosis, sparse canopy.
A4369	Coast live oak	Quercus agrifolia	9.75	30.6305025	16	8.5	3	Growing in ~5' planting island, decomposed granite surrounding. Water sprouts on main trunk.
A4370	Holly oak	Quercus ilex	13.75	43.1968625	17.5	14.5	3	Growing in 6' planting strip. DBH taken at 3' below branching.
A4371	Holly oak	Quercus ilex	7.5	23.561925	12	8	2	Growing in 6' planting strip. Foliar chlorosis, interior rot.
A4372	Holly oak	Quercus ilex	12.75	40.0552725	17.5	14.5	3	Growing in 6' planting strip. DBH taken @ 2' below branching. Wounds on S side from branch loss. Adventitious sprouts along trunk, scaffold branches.
A4373	Holly oak	Quercus ilex	9.5	29.845105	13	7.75	1	Growing in 6' planting strip. DBH taken @ 4' below partially girdling support wire. Canopy dieback.
A4374	Coast live oak	Quercus agrifolia	8	25.13272	14	7.75	3	Growing in 5' planting island. Minor adventitious sprouting from trunk. Bird nest
A4375	Holly oak	Quercus ilex	10	31.4159	15	10.75	3	Growing in 6' planting strip. Basal sprouts.
A4376	Holly oak	Quercus ilex	9.25	29.0597075	14	9	2	Growing in 6' planting strip. Sparse canopy. Lots of lower limbs removed, good wound response.
A4377	Holly oak	Quercus ilex	25.25	79.3251475	14	10	2	Growing in 6' planting strip. Multiple stems. Trunk wounds. Sparse canopy.
A4378	Holly oak	Quercus ilex	9	28.27431	14	10	2	Growing in 6' planting strip. Large trunk wound on S side, poor wound response.
A4379	Holly oak	Quercus ilex	8	25.13272	14	8	3	Growing in 6' planting strip. Basal sprouts.
A4380	Holly oak	Quercus ilex	9.5	29.845105	14	10	3	Growing in 6' planting strip.
A4381	Coast live oak	Quercus agrifolia	9	28.27431	12	11	3	Growing in 4.5' planting strip.
A4382	Coast live oak	Quercus agrifolia	10	31.4159	14	13	3	Growing in 5' planting island. Large limb lost on W side, good wound response.
A4383	Holly oak	Quercus ilex	15.5	48.694645	15	13.5	3	Growing in 4x7 planting area. Bird nest (x3).
A4384	Holly oak	Quercus ilex	11	34.55749	13.5	11.5	3	Growing in 8' planting strip.
A4385	Holly oak	Quercus ilex	10.25	32.2012975	12	11	3	Growing in 8' planting strip.
A4386	Holly oak	Quercus ilex	14.25	44.7676575	21	13.5	3	Growing in 8' planting strip. Sparse canopy.
A4387	Holly oak	Quercus ilex	9	28.27431	12	8	2	Growing in 8' planting strip. Lots of adventitious sprouts up trunk.
A4388	Holly oak	Quercus ilex	10.5	32.986695	12	10.5	1	Growing in 8' planting strip. Major canopy dieback. Lots of adventitious sprouts.
A4389	Holly oak	Quercus ilex	12.5	39.269875	14.5	12	2	Growing in 8' planting strip. Large limb die off on S side.
A4390	Holly oak	Quercus ilex	11.25	35.3428875	14	14	3	Growing in 6' planting strip. Some basal sprouting.
A4391	Holly oak	Quercus ilex	11	34.55749	14.5	10	2	Growing in 6' planting strip. Wounds on S side of trunk, poor response. Adventitious sprouting, some canopy dieback.
A4392	Holly oak	Quercus ilex	8.75	27.4889125	14	10	3	Growing in 6' planting strip. Minor basal sprouting. Canopy limbs removed on S side, some rot.
A4393	Holly oak	Quercus ilex	10	31.4159	16	10	2	Growing in 6' planting strip. Moderate canopy dieback.
A4394	Holly oak	Quercus ilex	14.5	45.553055	21	13.5	3	Growing in 6' planting strip. Minor basal sprouting, canopy dieback.
A4395	Coast live oak	Quercus agrifolia	6.5	20.420335	14	8	3	Growing in 5' planting island.
A4396	Coast live oak	Quercus agrifolia	7.5	23.561925	14	8	2	Growing in 5' planting island. Lots of adventitious sprouting, small leaves.
A4397	Holly oak	Quercus ilex	11	34.55749	17	11.5	3	Growing in 6' planting strip. Adventitious sprouting.
A4398	Holly oak	Quercus ilex	9.25	29.0597075	15.5	8	3	Growing in 6' planting strip. Adventitious sprouting.
A4399	Holly oak	Quercus ilex	10	31.4159	13	11	3	Growing in 6' planting strip. Minor basal sprouting.
A4400	Holly oak	Quercus ilex	11.5	36.128285	16	11	3	Growing in 6' planting strip.
A4401	Holly oak	Quercus ilex	12.5	39.269875	21	12.5	2	Growing in 8' planting strip. Canopy dieback.
A4402	Holly oak	Quercus ilex	12	37.69908	15	12	3	Growing in 6' planting strip.

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
A4403	Holly oak	Quercus ilex	10	31.4159	15	11	2	Growing in 6' planting strip. Canopy dieback. Adventitious and basal sprouting.
A4404	Holly oak	Quercus ilex	8	25.13272	10	7	3	Growing in 6' planting strip. Minor branch dieback.
A4405	Holly oak	Quercus ilex	10	31.4159	12	12.5	2	Growing in 6' planting strip. Adventitious sprouting, limb dieback.
A4406	Holly oak	Quercus ilex	11	34.55749	17	12.25	3	Growing in 6' planting strip. Adventitious sprouting.
A4407	Coast live oak	Quercus agrifolia	7.25	22.7765275	14	10.5	3	Growing in 5' planting island. Minor adventitious sprouting.
A4408	Coast live oak	Quercus agrifolia	6.5	20.420335	12	8	3	Growing in 5' planting island. Adventitious sprouting.
A4409	Holly oak	Quercus ilex	10.25	32.2012975	13	11.5	3	Growing in 7' planting strip.
A4410	Holly oak	Quercus ilex	10.5	32.986695	17	10	3	Growing in 7' planting strip. Nest on N side.
A4411	Holly oak	Quercus ilex	12	37.69908	17	13	3	Growing in 7' planting strip. Minor basal sprouting.
A4412	Holly oak	Quercus ilex	8.5	26.703515	16	11	3	Growing in 7' planting strip.
A4413	Holly oak	Quercus ilex	10.5	32.986695	15	11	3	Growing in 7' planting strip.
A4414	Holly oak	Quercus ilex	9.75	30.6305025	16	11.5	2	Growing in 7' planting strip. Basal sprouting, canopy dieback on E side.
A4415	Holly oak	Quercus ilex	13	40.84067	16	13.75	2	Growing in 7' planting strip. Canopy dieback. Minor adventitious, basal sprouting.
A4416	Coast live oak	Quercus agrifolia	6	18.84954	12	8.5	3	Growing in 5' planting island. Bird nest.
A4417	Coast live oak	Quercus agrifolia	8	25.13272	12	3	3	Growing in 5' planting island. Adventitious sprouting.
A4418	Holly oak	Quercus ilex	9.25	29.0597075	21	14	2	Growing in 6' planting strip. Canopy dieback.
A4419	Holly oak	Quercus ilex	16	50.26544	20	12.75	3	Growing in 6' planting strip.
A4420	Holly oak	Quercus ilex	12.5	39.269875	20	17	3	Growing in 6' planting strip. Minor canopy dieback on N side.
A4421	Holly oak	Quercus ilex	12	37.69908	18	12.25	3	Growing in 6' planting strip.
A4422	Holly oak	Quercus ilex	6.5	20.420335	8	6.75	2	Growing in 6' planting strip. Interior rot in some scaffold limbs.
A4423	Coast live oak	Quercus agrifolia	8.5	26.703515	12	8.5	3	Growing in 5' planting island.
A4424	Coast live oak	Quercus agrifolia	8	25.13272	15.5	12.25	3	Growing in 5' planting island.
A4425	Holly oak	Quercus ilex	7.25	22.7765275	13	8.75	3	Growing in 7' planting strip. Large lower limbs removed, good wound response.
A4426	Coast live oak	Quercus agrifolia	8.25	25.9181175	18.5	11	3	Growing in 7' planting strip.
A4427	Holly oak	Quercus ilex	8	25.13272	17.5	10	2	Growing in 7' planting strip. Basal sprouting, tip dieback.
A4428	Holly oak	Quercus ilex	9	28.27431		8.5	1	Growing in 7' planting strip. Canopy dieback, sparse canopy. Root damage.
A4429	Coast live oak	Quercus agrifolia	6.75	21.2057325	10	8.25	3	Growing in 5' planting island.
A4430	Holly oak	Quercus ilex	29.5	92.676905	29	13	3	Growing in 6x9 planting area. DBH taken @ 4' below secondary branching. Circling root on E side.
A4431	Holly oak	Quercus ilex	11	34.55749	16	12.25	3	Growing in 6x9 planting area. Lower limbs removed, good wound response. Bird nest.
A4432	Holly oak	Quercus ilex	10.5	32.986695	16	11	3	Growing in 6x9 planting area. DBH taken @ 3' below branching.
A4433	Coast redwood	Sequoia sempervirens	29	91.10611	41.5	14	3	Damaging curb and lifting asphalt. Large burl with basal sprouts.
A4434	Coast redwood	Sequoia sempervirens	23	72.25657	40	13.75	3	Large burl with basal sprouts.
A4435	Holly oak	Quercus ilex	15.5	48.694645	12	9	1	Topped. Minimal canopy.
A4436	Holly oak	Quercus ilex	9.25	29.0597075	12	17	3	Strong lean to NW. Bird nest.
A4437	Holly oak	Quercus ilex	12	37.69908	27	14.75	3	Bird nest (x2).
A4438	Coast live oak	Quercus agrifolia	28	87.96452	28	26.5	4	Bird nest (x6).
A4439	Coast live oak	Quercus agrifolia	20.25	63.6171975	20	22.5	3	Leans strongly NW. Bird nest (x2).
A4440	Coast live oak	Quercus agrifolia	20	62.8318	25	22.5	3	Bird nest (x5).
A4441	Coast live oak	Quercus agrifolia	12.25	38.4844775	25	18	3	Secondary trunk dead. Bird nest (x3).
A4442	Coast live oak	Quercus agrifolia	9.75	30.6305025	22	30	2	Leans strongly N. Minimal canopy.
A4443	Holly oak	Quercus ilex	16.5	51.836235	25	12	3	Bird nest (x3).
A4444	Coast live oak	Quercus agrifolia	13.5	42.411465	24	22	3	Leans strongly N. Bird nest.
A4445	Holly oak	Quercus ilex	11.5	36.128285	25	12.75	3	Bird nest.
A4446	Holly oak	Quercus ilex	8.5	26.703515	24	17	3	Bird nest (x2).
A4447	Holly oak	Quercus ilex	7	21.99113	25	12	3	Bird nest (x2).
A4448	Holly oak	Quercus ilex	11.5	36.128285	26	12	3	Bird nest.
A4449	Holly oak	Quercus ilex	6.5	20.420335	23	10.5	3	
A4450	Coast live oak	Quercus agrifolia	10	31.4159	23	11.5	3	
A4451	Holly oak	Quercus ilex	7.5	23.561925	25	13		
A4452	Coast live oak	Quercus agrifolia	10.25	32.2012975	25	14	3	
A4453	Coast live oak	Quercus agrifolia	13.75	43.1968625	23	16	3	
A4454	Coast live oak	Quercus agrifolia	20.25	63.6171975	22	21.25	3	Leans strongly N. Bird nest.
A4455	Coast live oak	Quercus agrifolia	9.25	29.0597075	20	11	3	Bird nest.
A4456	Coast live oak	Quercus agrifolia	14	43.98226	25	17.5	3	
A4457	Coast live oak	Quercus agrifolia	16.5	51.836235	25	12	3	
A4458	Holly oak	Quercus ilex	13	40.84067	25	14	3	Minimal basal, adventitious sprouting.
A4459	Coast live oak	Quercus agrifolia	15	47.12385	18	16	3	

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
A4460	Coast live oak	Quercus agrifolia	15.5	48.694645	18	10	3	Bird nest.
A4461	Coast live oak	Quercus agrifolia	6.5	20.420335	18	12	3	
A4462	Coast live oak	Quercus agrifolia	16.25	51.0508375	23	15	3	Leans N.
A4463	Holly oak	Quercus ilex	14.5	45.553055	17	8.75	3	Multiple trunks.
A4464	Coast live oak	Quercus agrifolia	13.75	43.1968625	23	15.25	3	Bird nest.
A4465	Holly oak	Quercus ilex	13	40.84067	14	13	3	Privet rooted at base.
A4466	Deodar cedar	Cedrus deodara	20	62.8318	37.5	13.75	3	
A4467	Coast redwood	Sequoia sempervirens	8.5	26.703515	25	6	3	
A4468	Coast redwood	Sequoia sempervirens	13	40.84067	40	7.25	3	
A4469	Coast redwood	Sequoia sempervirens	14	43.98226	40	9.25	3	
A4470	Coast redwood	Sequoia sempervirens	14.75	46.3384525	43	6.75	3	
A4471	Coast redwood	Sequoia sempervirens	6.5	20.420335	20	7	3	
A4472	Deodar cedar	Cedrus deodara	21	65.97339	55	18.25	4	
A4473	Coast live oak	Quercus agrifolia	6	18.84954	12	8	3	Growing next to building access ramp.
A4474	Coast redwood	Sequoia sempervirens	31	97.38929	80.5	14.25	3	Large burl.
A4475	Coast redwood	Sequoia sempervirens	25.25	79.3251475	61	12.5	3	
A4476	Coast redwood	Sequoia sempervirens	47.5	149.225525	85.5	14	4	
A4477	Coast redwood	Sequoia sempervirens	30.75	96.6038925	70.5	20	3	Large burl with basal sprouts.
A4478	Coast live oak	Quercus agrifolia	18	56.54862	36	23	3	Leans SW over modular building.
A4479	White birch	Betula pendula	20	62.8318	22.5	11	3	Bird nest.
A4480	Washington hawthorn	Crataegus phaenopyrum	6	18.84954	20	10	3	Deciduous, no leaves or flowers. Long thorns.
A4481	Coast redwood	Sequoia sempervirens	12	37.69908	46.5	9	3	
A4482	Coast redwood	Sequoia sempervirens	9.5	29.845105	34	7	3	
A4483	Coast live oak	Quercus agrifolia	12.5	39.269875	20	9	3	Pyracantha and Cotoneaster rooted at base. Bird nest
A4484	Silk oak	Grevillea robusta	15	47.12385	34	13	3	Growing behind connex containers.
A4485	Silk oak	Grevillea robusta	17.25	54.1924275	21.5	14.4	2	Topped (storm damaged). Large cavity on N side.
A4486	Coast redwood	Sequoia sempervirens	8.5	26.703515	17.5	5.5	3	
A4487	Coast redwood	Sequoia sempervirens	12	37.69908	30	8.5	3	
A4488	Coast redwood	Sequoia sempervirens	16	50.26544	46.5	10	3	
A4489	Coast redwood	Sequoia sempervirens	12.5	39.269875	27	9	3	Circling roots.
A4490	Coast redwood	Sequoia sempervirens	8.5	26.703515	24.5	8	3	
A4491	Coast redwood	Sequoia sempervirens	10	31.4159	27	6	3	
A4492	California fan palm	Washingtonia filifera	20	62.8318	35.5	3	3	
A4493	Coast redwood	Sequoia sempervirens	12	37.69908	27	8	3	
A4494	Coast redwood	Sequoia sempervirens	6.75	21.2057325	18	4	3	
A4495	Silver dollar gum	Eucalyptus polyanthemos	25.75	80.8959425	20	12.5	3	
A4496	Silver dollar gum	Eucalyptus polyanthemos	15.5	48.694645	20	8	2	Overshadowed by larger eucalyptus. Sparse canopy, leaning over wall.
A4497	Silver dollar gum	Eucalyptus polyanthemos	25.5	80.110545	41	17.5	3	Bird nest.
A4498	Coast redwood	Sequoia sempervirens	11.5	36.128285	22	9	3	
A4499	Coast redwood	Sequoia sempervirens	13.75	43.1968625	34.5	10	3	
A4500	Coast live oak	Quercus agrifolia	6	18.84954	17	12	3	Growing in 10' planting strip. Surrounded by low shrubs.
A4501	Holly oak	Quercus ilex	7.5	23.561925	12	8	3	Growing in 7' planting strip. Covered in smut fungus.
A4502	Holly oak	Quercus ilex	9.25	29.0597075	15	12	3	Growing in 7' planting strip.
A4503	Coast live oak	Quercus agrifolia	7	21.99113	12	8	3	Growing in 7' planting strip.
A4504	Holly oak	Quercus ilex	7.5	23.561925	10	9	3	Growing in 7' planting strip. Interior rot.
A4505	Holly oak	Quercus ilex	8	25.13272	15	12	3	Growing in 7' planting strip. Bird nest.
A4506	Coast live oak	Quercus agrifolia	10	31.4159	12	9.5	3	Growing in 10' planting strip.
A4507	Coast live oak	Quercus agrifolia	6.25	19.6349375	12	7	3	Growing in 10' planting strip.
A4508	Coast live oak	Quercus agrifolia	6	18.84954	14	5	3	Growing in 10' planting strip. Oleander rooted at base.
A4509	Holly oak	Quercus ilex	9	28.27431	16.5	10	3	Growing in 8' planting strip.
A4510	Holly oak	Quercus ilex	12.5	39.269875	23	11	3	Growing in 8' planting strip.
A4511	Holly oak	Quercus ilex	9.75	30.6305025	16	12	3	Growing in 8' planting strip. Large lower limbs removed, poor wound response.
A4512	Holly oak	Quercus ilex	7.5	23.561925	16	8	3	Growing in 8' planting strip. Included bark at secondary branch union on S side.
A4513	Holly oak	Quercus ilex	15	47.12385	19	13	3	Growing in 8' planting strip.
A4514	Holly oak	Quercus ilex	12	37.69908	21	16	2	Growing in 6' planting strip. Canopy dieback. Adventitious sprouting on scaffold branches.
A4515	Holly oak	Quercus ilex	14	43.98226	20	14	3	Growing in 6' planting strip.
A4516	Holly oak	Quercus ilex	12	37.69908	19	16	3	Growing in 6' planting strip. Basal sprouts. Trunk wound on NW side. Bird nest.

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
A4517	Holly oak	Quercus ilex	12.5	39.269875	18	14	3	Growing in 6' planting strip. Basal sprouts. Minor canopy dieback on N side. Bird nest.
A4518	Privet	Ligustrum sp.	9.25	29.0597075	17.5	12	1	Growing in 6' planting strip. Large lower limb removed. Canopy dieback, sparse canopy.
A4519	Holly oak	Quercus ilex	6.25	19.6349375	14	9.5	3	Growing in 8' planting strip. Ivy ground cover.
A4520	Holly oak	Quercus ilex	13	40.84067	21	15	3	Growing in 8' planting strip. Ivy ground cover. Minor tip dieback.
A4521	Holly oak	Quercus ilex	8.5	26.703515	17	9	3	Growing in 8' planting strip. Sparse canopy.
A4522	Holly oak	Quercus ilex	8.75	27.4889125	14		3	Growing in 8' planting strip. Bird nest.
A4523	Holly oak	Quercus ilex	9	28.27431	10	10	3	Growing in 7' planting strip.
A4524	Holly oak	Quercus ilex	8.25	25.9181175	16	11	3	Growing in 7' planting strip. Trunk wound on N side, good wound response.
A4525	Holly oak	Quercus ilex	7.75	24.3473225	11	9	3	Growing in 7' planting strip. Ivy ground cover.
A4526	Holly oak	Quercus ilex	11.25	35.3428875	15.5	12	3	Growing in 7' planting strip. Ivy ground cover.
A4527	Holly oak	Quercus ilex	10.5	32.986695	16	10	3	Growing in 7' planting strip. Ivy ground cover. Heading cuts.
A4528	Holly oak	Quercus ilex	6.75	21.2057325	9	6	3	Growing in 5' planting strip. Ivy ground cover.
A4529	Holly oak	Quercus ilex	7.25	22.7765275	12	8	3	Growing in 7' planting strip.
A4530	Holly oak	Quercus ilex	12.75	40.0552725	21	14	3	Growing in 7' planting strip. Trunk wound on W side, good wound response. Bird nest.
A4531	Holly oak	Quercus ilex	13	40.84067	18	9	3	Growing in 7' planting strip. Sparse canopy.
A4532	Holly oak	Quercus ilex	12	37.69908	18	11	3	Growing in 7' planting strip.
A4533	Holly oak	Quercus ilex	10.25	32.2012975	14	10	3	Growing in 7' planting strip. Ivy ground cover.
A4534	Holly oak	Quercus ilex	7.5	23.561925	11	7	3	Growing in 7' planting strip. Ivy ground cover.
A4535	Holly oak	Quercus ilex	8.25	25.9181175	16	7	3	Growing in 7' planting strip. Ivy ground cover.
A4536	Holly oak	Quercus ilex	7.5	23.561925	11.5	6	3	Growing in planting island. Wound in trunk on E side, limbs removed, interior rot.
A4537	Holly oak	Quercus ilex	9.25	29.0597075	17	7.75	3	Growing in planting island surrounded by shrubs. Minor limb dieback.
A4538	Holly oak	Quercus ilex	13	40.84067	23.5	15.5	3	Growing in 7' planting strip. Ivy ground cover.
A4539	Holly oak	Quercus ilex	8.25	25.9181175	12	14.5	3	Growing in 7' planting strip.
A4540	Holly oak	Quercus ilex	8.75	27.4889125	15.5	11.25	3	Growing in 7' planting strip.
A4541	Holly oak	Quercus ilex	9.5	29.845105	15	16.5	3	Growing in 7' planting strip. Minor canopy dieback on N side.
A4542	Holly oak	Quercus ilex	9.25	29.0597075	22.5	10.5	3	Growing in 7' planting strip. Trunk wound on W side, good wound response.
A4543	Holly oak	Quercus ilex	6.25	19.6349375	8	4	3	Growing in 7' planting strip. Basal sprouts. Wire embedded in trunk.
A4544	Red iron bark	Eucalyptus sideroxylon	23.5	73.827365	51.5	21	3	Lower branch loss, removal.
A4545	Red iron bark	Eucalyptus sideroxylon	28	87.96452	52.5	22	3	Lower limb loss.
A4546	Red iron bark	Eucalyptus sideroxylon	20	62.8318	52	16.5	3	
A4547	Red iron bark	Eucalyptus sideroxylon	18.75	58.9048125	37.5	20.5	3	Lower limb loss, good wound response.
A4548	Red iron bark	Eucalyptus sideroxylon	21.25	66.7587875	57	13.5	3	Bird nest.
A4549	Red iron bark	Eucalyptus sideroxylon	20	62.8318	39.5	19	3	
A4550	Red iron bark	Eucalyptus sideroxylon	23.5	73.827365	47	22	3	Wounds on main trunk @ 16', evidence of pests (sap). Bird nest.
A4551	Coast live oak	Quercus agrifolia	9.5	29.845105	18.5	10	3	Surrounded by oleander.
A4552	Coast redwood	Sequoia sempervirens	17.5	54.977825	40	10.5	3	
A4553	Coast redwood	Sequoia sempervirens	14.75	46.3384525	35	13	3	
A4554	Coast redwood	Sequoia sempervirens	13.5	42.411465	30	12	3	Minimal canopy on E side.
A4555	Coast redwood	Sequoia sempervirens	14.5	45.553055	35	11.5	3	
A4556	Coast redwood	Sequoia sempervirens	9	28.27431	28	11	3	
A4557	Coast redwood	Sequoia sempervirens	18	56.54862	52	14	3	
A4558	Coast redwood	Sequoia sempervirens	8.75	27.4889125	26.5	8.5	3	
A4559	Coast redwood	Sequoia sempervirens	11	34.55749	26.5	15	3	
A4560	Coast redwood	Sequoia sempervirens	18	56.54862	40.5	11.5	3	
A4561	Bradford pear	Pyrus calleryana	8.25	25.9181175	25	10	3	Lower branches pruned. Flowering.
A4562	Bradford pear	Pyrus calleryana	10	31.4159	27	13	3	Trunk rot at soil line. Flowering.
A4563	Bradford pear	Pyrus calleryana	14.5	45.553055	32	20	3	Bird nest (x5).
A4564	Hackberry	Celtis sp.	21.25	66.7587875	32	16.5	3	No leaves. Bird nest.
A4565	Southern live oak	Quercus virginiana	6.5	20.420335	12	9	3	DBH taken @ 1' below branching.
A4566	Crepe myrtle	Lagerstroemia indica	6	18.84954	22	4.5	3	Growing in 12' planting island. No leaves, ID'd by bark.
A4567	Alder	Alnus sp.	13.25	41.6260675	18	19	3	No leaves, only catkins.
A4568	Alder	Alnus sp.	10.25	32.2012975	18	17.5	3	Tree leans SE. No leaves, only catkins.
A4569	Paper birch	Betula papyrifera	6.75	21.2057325	24	14	3	DBH taken @ 3' below branching. Lots of surface roots. No leaves.
A4570	Paper birch	Betula papyrifera	6.75	21.2057325	24	12	3	Lots of surface roots.
A4571	Paper birch	Betula papyrifera	6.25	19.6349375	24	7.5	3	DBH taken @ 3' below branching. Lots of surface roots. No leaves.
A4572	Paper birch	Betula papyrifera	8	25.13272	24	16	3	DBH taken @ 3' below branching. Lots of surface roots. No leaves.
A4573	Purple-leaf plum	Prunus cerasifera 'Atropurpurea'	8.25	25.9181175	16	11	1	Growing in 2' planting circle. Bark lossn interior rot in main trunk. Major canopy dieback.

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
A4574	Purple-leaf plum	Prunus cerasifera 'Atropurpurea'	6	18.84954	15	9	2	Growing in 2' planting square. Interior rot. Some branch dieback.
A4575	Ash	Fraxinus sp.	16	50.26544	28.5	14	3	Insufficient planting space - lifting concrete, trunk overgrowing concrete. Bird nest (x3).
A4576	Coast redwood	Sequoia sempervirens	29.5	92.676905	69.5	15	3	
A4577	Coast redwood	Sequoia sempervirens	15.5	48.694645	43.5	11	3	Ivy ground cover.
A4578	Coast redwood	Sequoia sempervirens	31	97.38929	71.5	12	3	Ivy ground cover.
A4579	Paper birch	Betula papyrifera	13.75	43.1968625	28	17	3	DBH taken @ 1' below branching. Ivy ground cover. No leaves.
A4580	Paper birch	Betula papyrifera	6.5	20.420335	20	12	3	DBH taken @ 2' below branching. Ivy ground cover. No leaves.
A4581	Paper birch	Betula papyrifera	15.75	49.4800425	26	13.5	3	DBH taken @ 1' below branching. Ivy ground cover. No leaves.
A4582	Coast redwood	Sequoia sempervirens	25.5	80.110545	67.5	13	3	Ivy ground cover.
A4583	Coast redwood	Sequoia sempervirens	25.75	80.8959425	69.5	14	4	
A4584	Coast redwood	Sequoia sempervirens	31.75	99.7454825	73.5	14	4	
A4585	Japanese maple	Acer palmatum	6.75	21.2057325	15	12	3	DBH taken @ 1' below branching. Lots of surface roots.
A4586	Purple-leaf plum	Prunus cerasifera 'Atropurpurea'	6.5	20.420335	18	6.5	1	Bark loss, interior rot. Codominant leaders removed, minimal canopy.
A4587	Crepe myrtle	Lagerstroemia indica	6.25	19.6349375	9	3	3	DBH taken @ 3' below branching. Lollipopped. No leaves.
A4588	Coast redwood	Sequoia sempervirens	50	157.0795	61.5	11	2	In planting island. Trunk splits around 5', DBH taken above split. Large burl w/basal sprouts. Foliar decline, yellowing, dieback.
A4589	Bradford pear	Pyrus calleryana	14.5	45.553055	28	15	3	Ivy ground cover. Bird nest (x6).
A4590	Bradford pear	Pyrus calleryana	7.5	23.561925	20	10	3	Tons of basal sprouts, likely from removing ivy ground cover.
A4591	Paper birch	Betula papyrifera	6.25	19.6349375	18	7.5	3	DBH taken @ 2' below branching. Ivy ground cover.
A4592	Holly oak	Quercus ilex	9.25	29.0597075	24	10	3	Growing in 7' planting strip surrounded by shrubs.
A4593	Holly oak	Quercus ilex	8	25.13272	20	7.5	3	Growing in planting island surrounded by shrubs. Lower limbs removed.
A4594	Holly oak	Quercus ilex	7	21.99113	22	9	3	Growing in 7' planting strip.
A4595	Ash	Fraxinus sp.	16.5	51.836235	26	19	3	Growing in 7' planting strip with shrubs. Basal sprouts.
A4596	Ash	Fraxinus sp.	14.25	44.7676575	28	12.5	3	Growing in 7' planting strip. DBH taken @ 3' below branching. Minor limb dieback.
A4597	Ash	Fraxinus sp.	12.5	39.269875	28	12	3	Growing in 7' planting strip with shrubs. Basal sprouts.
A4598	Ash	Fraxinus sp.	9.25	29.0597075	18	10	3	Growing in 7' planting strip with shrubs.
A4599	Ash	Fraxinus sp.	10.25	32.2012975	21	14	3	Growing in 7' planting strip with shrubs.
A4600	Ash	Fraxinus sp.	9.5	29.845105	21	10	3	Growing in 7' planting strip with shrubs.
A4601	Ash	Fraxinus sp.	11	34.55749	20	13.5	3	Growing in 6' planting strip.
A4602	Ash	Fraxinus sp.	6	18.84954	17	12	3	Growing in 7' planting strip with shrubs.
A4603	Chinese juniper	Juniperus chinensis	30	94.2477	31	15	3	Growing in 7' planting strip with shrubs.
A4604	Ash	Fraxinus sp.	9.5	29.845105	15	8	1	Growing in 7' planting strip with shrubs. Interior rot.
A4605	Ash	Fraxinus sp.	11	34.55749	17	8	2	Growing in 7' planting strip with shrubs. Interior rot, some limb dieback.
A4606	Ash	Fraxinus sp.	8.5	26.703515	17	8	2	Growing in 7' planting strip with shrubs. Interior rot, limb dieback.
A4607	Ash	Fraxinus sp.	8	25.13272	17	9	2	Growing in 7' planting strip with shrubs. Basal sprouts. Interior rot, limb dieback.
A4608	Ash	Fraxinus sp.	7.5	23.561925	24	8	3	Growing in 7' planting island.
A4609	Ash	Fraxinus sp.	8.5	26.703515	23	8.5	2	Growing in 7' planting strip with shrubs. Some limb dieback.
A4610	Ash	Fraxinus sp.	12.5	39.269875	22	11	3	Growing in 7' planting strip with shrubs.
A4611	Ash	Fraxinus sp.	11.5	36.128285	29	12	3	Growing in 7' planting strip with shrubs. Bird nest (x2).
A4612	Ash	Fraxinus sp.	11.5	36.128285	22	15	3	Growing in 7' planting strip with shrubs. Basal sprouts. Minor branch dieback.
A4613	Ash	Fraxinus sp.	15.75	49.4800425	24	15	2	Surrounded by shrubs. Basal sprouts. Limb dieback.
A4614	Coast redwood	Sequoia sempervirens	21	65.97339	50	10	3	
A4615	Coast redwood	Sequoia sempervirens	21.5	67.544185	52	11	3	
A4616	Coast redwood	Sequoia sempervirens	21	65.97339	43.5	8	3	
A4617	Coast redwood	Sequoia sempervirens	11.5	36.128285	23	8	3	
A4618	Coast redwood	Sequoia sempervirens	16	50.26544	37.5	9.5	4	
A4619	Coast redwood	Sequoia sempervirens	29.75	93.4623025	54	14	3	
A4620	Coast redwood	Sequoia sempervirens	19.5	61.261005	40	11	3	
A4621	Coast redwood	Sequoia sempervirens	18.75	58.9048125	43	12	3	
A4622	Deodar cedar	Cedrus deodara	23.5	73.827365	45	22.5	3	
A4623	Deodar cedar	Cedrus deodara	20	62.8318	45	14	3	
A4624	Deodar cedar	Cedrus deodara	22	69.11498	45	16	3	Lower branches removed.
A4625	Ash	Fraxinus sp.	24.5	76.968955	47.5	21	3	Lots of surface roots. Bird nest (x2).
A4626	Holly oak	Quercus ilex	6	18.84954	12	8	3	
A4627	Ash	Fraxinus sp.	10.5	32.986695	34.5	10	3	Lots of surface roots.
A4628	Ash	Fraxinus sp.	10	31.4159	37.5	15	3	Lots of surface roots, circling roots.
A4629	Ash	Fraxinus sp.	13.5	42.411465	34	13	3	Lots of surface roots, circling roots.

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
A4630	Ash	Fraxinus sp.	15	47.12385	37	16	3	Lots of surface roots, circling roots.
A4631	Ash	Fraxinus sp.	12	37.69908	32.5	13	1	Lots of surface roots. Interior rot. Major canopy dieback.
A4632	Ash	Fraxinus sp.	12.25	38.4844775	31	17	3	Lots of surface roots.
A4633	Ash	Fraxinus sp.	15.75	49.4800425	40.5	13	3	Lots of surface roots, circling roots. Bird nest.
A4634	Ash	Fraxinus sp.	7	21.99113	32	13	2	Sparse canopy.
A4635	Ash	Fraxinus sp.	16.25	51.0508375	44	16	3	Lots of surface roots, circling roots. Lifting sidewalk ~1/2”.
A4636	Ash	Fraxinus sp.	14.75	46.3384525	43	15	3	Lots of surface roots, circling roots.
A4637	Ash	Fraxinus sp.	15	47.12385	31	13	2	Lots of surface roots, circling roots. Canopy dieback.
A4638	Coast redwood	Sequoia sempervirens	14.75	46.3384525	50	9	3	
A4639	Coast redwood	Sequoia sempervirens	15	47.12385	50	7	3	
A4640	Crepe myrtle	Lagerstroemia indica	7	21.99113	19	10	3	No leaves.
A4641	Bradford pear	Pyrus calleryana	10	31.4159	26.5	13	3	Lots of surface roots.
A4642	Bradford pear	Pyrus calleryana	13	40.84067	27	17	3	
A4643	Sycamore	Platanus sp.	7	21.99113	28	12	3	No leaves.
A4644	Bradford pear	Pyrus calleryana	10.5	32.986695	29	15	3	Lots of surface roots. Limb lost.
A4645	Crepe myrtle	Lagerstroemia indica	10.5	32.986695	24	10	3	DBH taken @ 1’ below branching.
A4646	Coast redwood	Sequoia sempervirens	15	47.12385	50	10.5	3	
A4647	Crepe myrtle	Lagerstroemia indica	8.5	26.703515	26	13	3	No leaves.
A4648	Coast redwood	Sequoia sempervirens	16	50.26544	47	12	3	
A4649	Fern pine	Afrocarpus falcatus	14.5	45.553055	39	16	3	
A4650	Fern pine	Afrocarpus falcatus	14.5	45.553055	35	11	3	
A4651	Crepe myrtle	Lagerstroemia indica	8	25.13272	24	12	3	No leaves.
A4652	Purple-leaf plum	Prunus cerasifera ‘Atropurpurea’	7.5	23.561925	13	7	3	Minor limb dieback.
A4653	Sycamore	Platanus sp.	6.5	20.420335	26	10	3	No leaves.
A4654	Sycamore	Platanus sp.	7.25	22.7765275	26	10	3	No leaves.
A4655	Sycamore	Platanus sp.	7.75	24.3473225	26	11	3	No leaves.
A4656	Coast redwood	Sequoia sempervirens	19.5	61.261005	47	12	3	
A4657	Fern pine	Afrocarpus falcatus	13.25	41.6260675	28.5	14.5	3	Growing in 7’ planting strip.
A4658	Fern pine	Afrocarpus falcatus	13.75	43.1968625	30.5	11	3	Growing in 7’ planting strip.
A4659	Paper birch	Betula papyrifera	9.5	29.845105	21	8.5	3	DBH taken @ 2’ below branching. No leaves. Bird nest.
A4660	Paper birch	Betula papyrifera	9.5	29.845105	24	9	3	DBH taken @ 1’ below branching. No leaves.
A4661	Coast live oak	Quercus agrifolia	19.25	60.4756075	33.5	20	4	Lots of surface roots. Lower branches removed recently. Bird nest.
A4662	Bradford pear	Pyrus calleryana	10.25	32.2012975	31	13.5	3	
A4663	Bradford pear	Pyrus calleryana	10	31.4159	31	11.5	3	
A4664	Bradford pear	Pyrus calleryana	9	28.27431	19	11	2	Excessively pruned. Minimal canopy.
A4665	Bradford pear	Pyrus calleryana	10.25	32.2012975	18	9	2	Excessively pruned. Minimal canopy.
A4666	Coast live oak	Quercus agrifolia	11.5	36.128285	17	11.5	2	Excessively pruned. Minimal canopy.
A4667	Bradford pear	Pyrus calleryana	8	25.13272	20	12.5	2	Excessively pruned. Minimal canopy.
A4668	Bradford pear	Pyrus calleryana	7.5	23.561925	20	8	2	Excessively pruned. Minimal canopy.
A4669	Coast live oak	Quercus agrifolia	11	34.55749	16	11	2	DBH taken @ 4’ below branching. Excessively pruned. Minimal canopy.
A4670	Coast live oak	Quercus agrifolia	15	47.12385	25	16	3	
A4671	Japanese maple	Acer palmatum	8	25.13272	25	11	3	DBH taken @ 1’ below branching.
A4672	Japanese maple	Acer palmatum	7.5	23.561925	23	10.5	3	DBH taken @ 1’ below branching.
A4673	Japanese maple	Acer palmatum	7.25	22.7765275	16	9	3	DBH taken @ 1’ below branching.
A4674	Japanese maple	Acer palmatum	6.75	21.2057325	16	10	3	DBH taken @ 1’ below branching.
A4675	Japanese maple	Acer palmatum	8.25	25.9181175	19	11	3	DBH taken @ 1’ below branching. Lots of surface roots.
A4676	Coast live oak	Quercus agrifolia	13.75	43.1968625	24.5	13.75	3	
A4677	Coast live oak	Quercus agrifolia	6.75	21.2057325	12	10	3	Growing in planting island. Sparse canopy.
A4678	Japanese maple	Acer palmatum	9	28.27431	19.5	13	3	DBH taken @ 1’ below branching.
A4679	Coast live oak	Quercus agrifolia	13.25	41.6260675	23	17	3	
A4680	Paper birch	Betula papyrifera	7.25	22.7765275	28.5	9	3	Lots of surface roots. No leaves.
A4681	Paper birch	Betula papyrifera	7	21.99113	17	11	3	DBH taken @ 2’ below branching. No leaves.
A4682	Japanese maple	Acer palmatum	9.5	29.845105	16	12	3	DBH taken @ ground level below branching.
A4683	Japanese maple	Acer palmatum	8	25.13272	16	11	3	DBH taken @ 1’ below branching.
A4684	Unknown	---	9.25	29.0597075	21	11	3	Lots of surface roots. No leaves.
A4685	Japanese maple	Acer palmatum	6.25	19.6349375	13	11	3	DBH taken @ 6” below branching.
A4686	Camphor tree	Cinnamomum camphora	15.75	49.4800425	25	9	2	Canopy dieback, resprouting.

Tree #	Common Name	Scientific Name	DBH Combined (inches)	Circumference (inches)	Height (feet)	Canopy Radius (feet)	Health	Notes
A4687	Coast live oak	Quercus agrifolia	13	40.84067	22	12	2	Sparse canopy, overshadowed.
A4688	Privet	Ligustrum sp.	6.5	20.420335	24	10	3	Growing on steep slope. Lots of surface roots.
A4689	Coast redwood	Sequoia sempervirens	25	78.53975	75.5	11	3	Basal sprouts.
A4690	Red flowering gum	Corymbia ficifolia	25.5	80.110545	38	19	3	
A4691	Camphor tree	Cinnamomum camphora	10.5	32.986695	14	12	2	Overshadowed. Canopy on S side.
A4692	Canary island date palm	Phoenix canariensis	43.25	135.8737675	14	12	4	
A4693	Holly oak	Quercus ilex	12.75	40.0552725	14	7	2	Topped.
A4694	Ash	Fraxinus sp.	15.25	47.9092475	30.5	13	2	Lots of surface roots. Topped, minimal canopy.
A4695	Japanese maple	Acer palmatum	7.5	23.561925	13	10	3	
A4696	Japanese maple	Acer palmatum	8	25.13272	12	10	3	Minor branch dieback.
A4697	Japanese maple	Acer palmatum	7.75	24.3473225	12	12.5	1	Cracks in trunk. Fungal fruiting bodies, branch dieback.
A4698	Ash	Fraxinus sp.	17.75	55.7632225	27	10	2	Lots of surface roots. Topped, minimal live canopy.
A4699	Ash	Fraxinus sp.	12.25	38.4844775	24	10	2	Topped, minimal live canopy.
A4700	Ash	Fraxinus sp.	15.25	47.9092475	24	7.5	2	Topped.
A4701	Ash	Fraxinus sp.	13.5	42.411465	25	10	3	Lots of surface roots. Branch dieback.
A4702	Ash	Fraxinus sp.	13	40.84067	32.5	10	3	Lots of surface roots. Bird nest.
A4703	Ash	Fraxinus sp.	17	53.40703	29.5	14	3	Lots of surface, circling roots. Bird nest (x3).
A4704	Southern magnolia	Magnolia grandiflora	6.25	19.6349375	23	10.5	3	Lots of surface roots.
A4705	Flowering cherry	Prunus sp.	6.5	20.420335	8	8	3	

ATTACHMENT C

DEFINITIONS

Canopy: Canopy is the farthest extent of the crown composed of leaves and small twigs. This measurement further defines the Critical Root Zone (CRZ) or Protection Zone (PZ), which is a circular area around a tree with a radius equal to a tree's largest dripline plus 1 foot. Our canopy measurement is the longest dripline measurement from the center point of the tree and includes the 1 foot only on the Tree Site Map.

Co-Dominant Leader: Stems or trunks of the tree that are equal in size and relative importance.

Diameter: Diameter (diameter breast height) is normally measured at 4 feet 6 inches (above the average ground height for "Urban Forestry"), but if that varies then the location where it is measured is noted here. A Spencer Combination Logger's and Diameter steel tape was used to measure tree DBH.

Epicormic Growth: Shoots that arise from latent buds along the tree's trunk or mature branches. This growth is usually a sign that the tree has undergone a stressful period.

Included Bark: A sharp "V" crotch, usually less than a 45-degree angle of attachment, between two branches where the bark is kept between two narrowly joined branches and the bark is continually turned inward, rather than being pushed out. It is a common point for potential massive structural failure and this hazard can be minimized with properly installed and maintained cabling, bolting, or bracing.

Lean with Correction: The trunk of these trees developed at an angle as the canopy grew toward sunlight and corrected to an upright shape when it reached a space where direct sunlight could reach the leaves. This type of lean is not normally associated with a higher risk of failure.

Narrow Angle Attachment: A sharp "V" crotch, usually less than a 45-degree angle of attachment. Included bark is explained above and is common in branches with narrow attachments. In addition, these branches may not be attached to the trunk as well as others with wider angles of attachment and can fail more frequently depending on the size of the branch.

Poor Crown Ratio: Trees that have self-limbed to have foliage only at the top. The weight of the foliage at the tip of a long lever (the trunk) can be a significant factor in analysis of risk of failure.

Poor Structure: These trees have grown with structural imperfections that cannot be corrected and therefore render them hazardous and more likely to fail in the future.

Rating: Rating is subjective to condition and is based on both the health and structure of the tree, per the recognized national standard established by the Council of Tree and Landscape Appraisers and the International Society of Arboriculture (ISA) on a numeric scale of 5 (being the highest) to 0

(the worst condition, dead) as in Table B. Rating is performed in the field at the time of the measuring and inspection. The rating scale is shown below.

- **Rating #0 – Dead:** This indicates a tree that has no significant sign of life.

- **Rating #1 – Poor:** The problems are extreme. This rating is assigned to a tree that has structural and/or health problems that no amount of work or effort can change. The issues may or may not be considered a dangerous situation.

- **Rating #2 – Fair:** The tree has significant problems. If the option is taken to preserve the tree, its condition could be improved with correct arboricultural work including, but not limited to pruning, cabling, bracing, bolting, guying, spraying, mistletoe removal, vertical mulching, fertilization, etc. If the recommended actions are completed correctly, hazard can be reduced, and the rating can be elevated to a 3. If no action is taken, the tree is considered a liability and should be removed.

- **Rating #3 – Good:** The tree is in good condition. There are some minor structural or health problems that pose no immediate danger. When the recommended actions in an arborist report are completed correctly, the defect(s) can be minimized or eliminated.

- **Rating #4 – Above Average:** The tree is in above average condition and there are no apparent problems that a Certified Arborist can see from a visual ground inspection. If potential structural or health problems are tended to at this stage, future hazard can be reduced, and more serious health problems can be averted.

- **Rating #5 – Excellent:** No problems found from a visual ground inspection. Structurally, these trees have properly spaced branches and near perfect characteristics for the species. Highly rated trees are not common in natural or developed landscapes. No tree is ever perfect especially with the unpredictability of nature, but with this highest rating, the condition should be considered excellent.

Species: Species of trees is listed by our local and correct common name and botanical name by genus (capitalized) and species (lower case). Oaks frequently cross-pollinate and hybridize, but the identification is towards the strongest characteristics.

Sparse Canopy or Poor Leaf Surface: A measure of the opacity of the leaves in the tree associated with reduced growth, reduced energy for disease and pest resistance, and overall poor health.

Splits: Splits are open cracks or fissures in tree trunks or branches.

Suckers: Suckers are upright, epicormic shoots arising from the roots or base of the tree, often as a result of injury.

Unbalanced Canopy: Either the trunk is leaning and/or the canopy is phototropic and overly heavy on one side. This is normally considered a correctible defect.

APPENDIX E

CULTURAL RESOURCES STUDY

CULTURAL RESOURCES STUDY

GOOD SAMARITAN HOSPITAL PROJECT

CITY OF SAN JOSÉ, SANTA CLARA COUNTY, CALIFORNIA



LSA

April 2024

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CULTURAL RESOURCES STUDY

GOOD SAMARITAN HOSPITAL PROJECT

SAN JOSÉ, SANTA CLARA COUNTY, CALIFORNIA

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April 2024

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EXECUTIVE SUMMARY

Good Samaritan Hospital, L.P. and HCA Management Services, L.P. plan to construct additional buildings at Good Samaritan Hospital (GSH) to meet state of California seismic compliance standards that will be in effect by 2030 while providing uninterrupted acute care services. The proposed new construction (project) would take place within the approximately 20-acre project site within Assessor Parcel Numbers 421-36-009 and -011 at 2425 Samaritan Drive in southwestern section of San José, Santa Clara County, California. LSA conducted background research, field survey, and resource documentation as part of this Cultural Resource Study prepared for the project. LSA identified the following built environment resources in the project site:

- A variable story hospital (GSH Main Hospital) constructed 1963–1965 at 2425 Samaritan Dr.
- Five single-story portable buildings installed circa 2005 north of GSH Main Hospital.
- A detached helipad structure constructed circa 2004 northeast of GSH Main Hospital.
- One associated building constructed circa 1990 at 2333 Samaritan Place, approx. 400 feet east of GSH Main Hospital.

Based on background research and the field survey, LSA concludes the GSH Main Hospital is associated with the mid- to late-20th century growth of San José and the West Valley. The building possesses several characteristics of Brutalist-influenced institutional building type constructed during this period in San José, Santa Clara County, and statewide. However, background research and field survey indicate the original hospital building has sustained numerous significant alterations and additions periodically in the 58 years since it opened in 1965 and therefore no longer retains sufficient integrity to convey these historical associations. The other buildings and the helipad structure listed above range from 18 to 33 years of age and, accordingly, have not reached sufficient age to allow sufficient perspective to evaluate for historic significance and are not addressed in this study.

LSA concludes that the GSH Main Hospital building does not appear individually or collectively eligible as part of a potential or unidentified district for inclusion under any of the evaluative criteria of the California Register of Historical Resources due to insufficient integrity to convey its associative significance. For the same reasons, LSA concludes that the GSH Main Hospital building does not appear eligible for inclusion in the San José Historic Resource Inventory as a Candidate City Landmark. Therefore, the GSH Main Hospital building evaluated in this study does not qualify as a "historical resource" for the purposes of the California Environmental Quality Act as defined at Public Resources Code §5024.1(c).

No archaeological resources were identified in the project site during this study. Because the project site sits on Pleistocene alluvial fan sediments that were deposited prior to human occupation of the

area, and the project site was not historically situated near freshwater sources, LSA considers the project site to have low sensitivity for pre-contact archaeological deposits.

The absence of early historical structures within the project site (with associated below-surface features such as wells and privies) means that the potential for encountering buried historic-period archaeological resources is also low.

LSA recommends providing Worker's Environmental Awareness Program training for grading/excavation crews prior to the start of construction to review regulations regarding archaeological resources, summarize and show examples of the types of resources that could be identified during earthmoving activities, and provide notification protocols to be followed in the event suspected cultural resources are encountered.

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LIST OF ABBREVIATIONS AND ACRONYMS

ART	Archaeological Resources Technology
AMA	American Medical Association
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
City	City of San José
County	County of Santa Clara
CRHR	California Register of Historical Resources
EMT	Early Middle Transition
GSH	Good Samaritan Hospital
HLC	Historic Landmarks Commission
HRI	City of San José Historic Resource Inventory
HSC	California Health and Safety Code
MBA	Michael Brandman Associates
MLD	Most Likely Descendent
NAHC	Native American Heritage Commission
NRHP	National Register of Historic Places
NWIC	Northwest Information Center
OHP	California State Office of Historic Preservation
PRC	Public Resources Code
SLF	Sacred Lands File
SPRR	Southern Pacific Railroad
USGS	United States Geological Survey
WPRR	Western Pacific Railroad

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1.0 INTRODUCTION

Good Samaritan Hospital, L.P. (GSH) and HCA Management Services, L.P. plan to construct new hospital buildings (project) at Good Samaritan Hospital in San Jose that meet State of California seismic compliance standards that will take effect by 2030 while providing uninterrupted acute care services. LSA conducted background research, field survey, and resource documentation as part of this Cultural Resource Study prepared for the project. LSA identified the following built environment resources in the project site:

- A variable story hospital complex (GSH Main Hospital) constructed 1963–1965 at 2425 Samaritan Drive.
- Five single-story portable buildings installed circa 2005 north of the GSH Main Hospital.
- A detached helipad structure constructed circa 2004 northeast of the GSH Main Hospital.
- One associated building constructed circa 1990 at 2333 Samaritan Place, 400 feet east of the GSH Main Hospital.

Background research and field survey indicate the original hospital building has sustained numerous significant alterations and additions in the 58 years since it opened in 1965 and therefore no longer retains sufficient integrity to convey historical associations, as discussed in Section 4.5, below. The other buildings and the helipad structure listed above range from 18 to 33 years of age and accordingly have not reached sufficient age to provide adequate perspective of historical significance and thus do not warrant evaluation for eligibility and are not addressed in this study.

LSA concludes that the GSH Main Hospital building does not appear individually or collectively eligible as part of a potential or unidentified district for inclusion under any of the evaluative criteria of the California Register of Historical Resources (CRHR) due to insufficient integrity to convey its associative significance. For the same reasons, LSA concludes that the GSH Main Hospital building does not appear eligible for inclusion in the San José Historic Resources Inventory (HRI) as an individual City Landmark, Structure of Merit, an Identified Site/Structure or as Contributing Structure(s) to a potential historic district. Therefore, the GSH Main Hospital building evaluated in this study does not qualify as a "historical resource" for the purposes of the California Environmental Quality Act (CEQA) as defined at Public Resources Code (PRC) §5024.1(c).

1.1 PROJECT LOCATION AND DESCRIPTION

The approximately 20-acre project site is contained within Assessor's Parcel Numbers 421-36-009 and -011 at 2425 Samaritan Drive in the Carlton Neighborhood in the southwestern portion of San José, Santa Clara County, California (Figures 1, 2, and 3). The project would include a new hospital wing to accommodate the hospital's existing acute care facilities and operations. Seismic compliance for acute hospital requirements under Senate Bill 1953 is the primary reason for the project. Other legislative requirements, updated hospital care guidelines, and changes in the healthcare industry further compel project need.

The applicant is considering a three-phase project but may not construct the third phase. Phase 1 would demolish the 5,200 square foot chapel in Building A, construct a new SPC 5 rated 260,000 square foot Building C, and partially construct Garage East. Phase 2 would include the construction and operation of an approximately 455,000 square foot hospital wing (Building D), an approximately 200,000 square foot medical office building (Building E), and an approximately 420,000 square foot garage structure (Garage West), and landscaping. If construction stops after Phase 2, the project would retain and expand the current GSH Main Hospital; if Phase 3 is constructed, the project would remove the GSH Main Hospital and construct a new medical facility and additional parking. The estimated maximum depth of construction-related excavations is 18.6 feet below extant ground surface.

1.1.1 Environmental Setting

The project site is in Township 8 South, Range 1 West, Section 11, Mount Diablo Base Line and Meridian, as depicted on the United States Geological Survey (USGS) *San Jose West*, Calif. 7.5-minute topographic quadrangle (USGS 1980). At approximately 275 feet in elevation, the project site sits on a gently sloping alluvial plain below the eastern flank of the Santa Cruz Mountain range at the southwestern end of the San Francisco Bay region. No perennial water sources are nearby. Historical maps show the project site situated approximately 1 mile east of Los Gatos Creek and 0.7 mile north of what is now called Ross Creek (Thompson and West 1876, USGS 1889 and 1919).

The project site falls within Valley oak savanna (Küchler 1977), which historically was typified by woodland canopies dominated by valley oaks, shrub understory including poison oak, blue elder, California wild grape, toyon, California coffeeberry, and California blackberry, and ground cover consisting variably of wild oats, brome, barley, ryegrass, and needlegrass (Ritter 1988). This vegetation community supports a variety of wildlife. Historically, this may have included native fauna such as Tule elk, black-tailed deer, grizzly bear, and mountain lion, and various smaller mammals, reptiles, and birds.

Geologic mapping of the Santa Clara Valley shows the project site is situated on Pleistocene alluvial fan deposits (Qpaf or Qpf) (Helley et al. 1994, McLaughlin et al. 2001, Witter et al. 2006). The soil within the project site is mapped as Urban land-Flaskan complex (NRCS 2023). The Urban land designation refers to disturbed and human transported material. The Flaskan soil forms on alluvial fans and typically features an A horizon, consisting of sandy to sandy clay loam that extends ca. 7 inches below surface, overlying a B horizon of gravelly sandy clay loam that reaches ca. 31 inches below surface. Relatively unweathered very gravelly sandy loam comprises the basal C horizon that extends to the bottom of the soil profile at ca. 59 inches below surface.

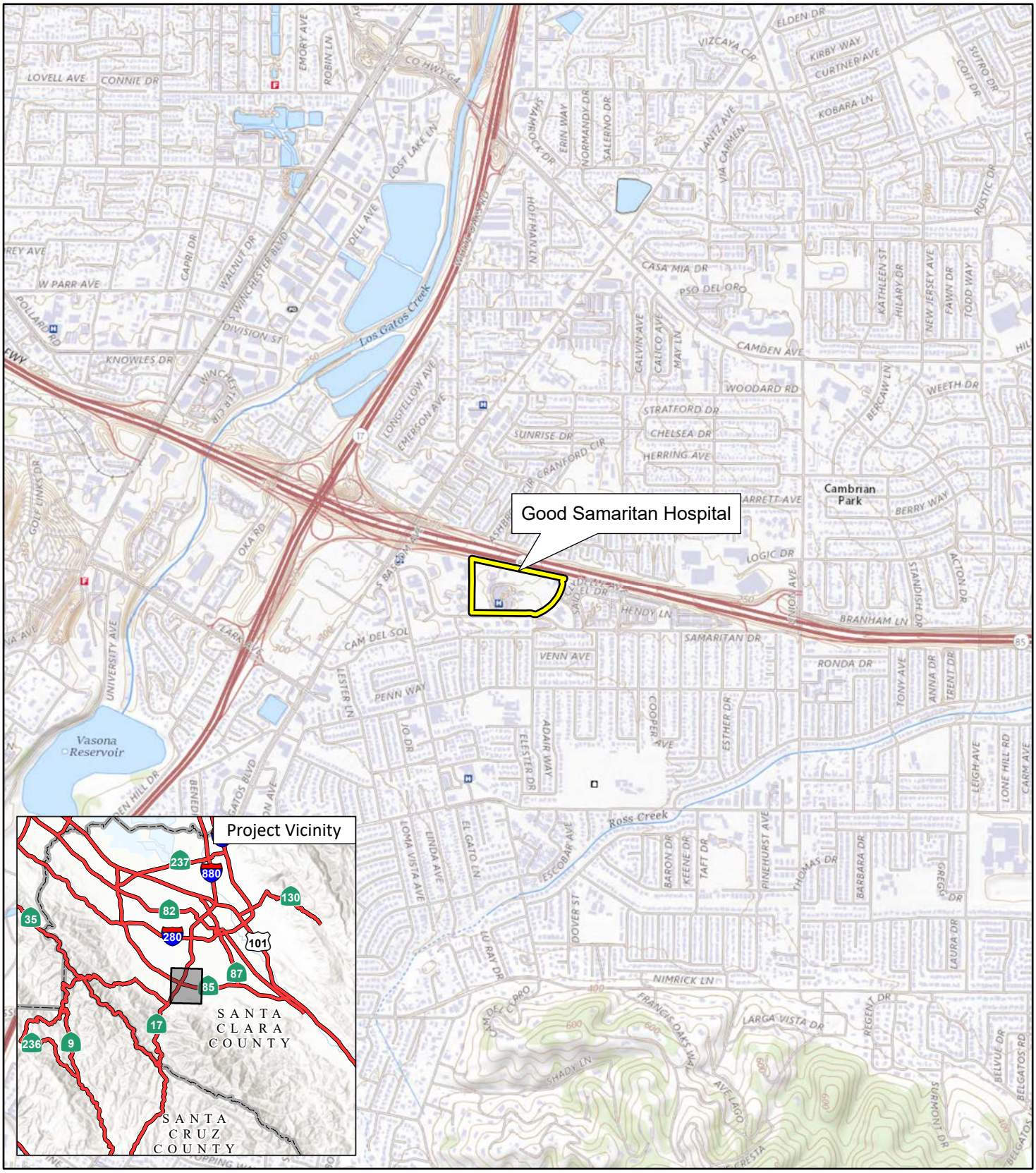
1.2 REPORT PREPARERS

LSA cultural resources staff Michael Hibma and Kendra Kolar prepared this cultural resource study. Mr. Hibma meets the Secretary of the Interior's *Professional Qualifications Standards* as a Historian and Architectural Historian (48 Code of Federal Regulations [CFR] 44716; 36 CFR Part 61), has more than 17 years' experience in cultural resources management, and holds an M.A. in History from California State University, Sacramento. Mr. Hibma conducted background research, property specific archival research, and prepared the Historical and Architectural contexts and the

background and archival research sections, the NWIC records search, conducted a pedestrian field survey, and prepared the built environment evaluations in the DPR 523 form records.

Ms. Kolar meets the Secretary of the Interior's *Professional Qualifications Standards* for Archaeology and has more than 12 years of cultural resource management experience in California and the Pacific Northwest. She holds a B.A. in Anthropology from the University of California, Berkeley, and a M.A. in Applied Anthropology (Archaeology, Cultural Resource Management) with a secondary emphasis in Geomorphology/Geology from Oregon State University, Corvallis. Ms. Kolar prepared the Environmental, Pre-contact Archaeology, Ethnographic Context, and Geoarchaeological Sensitivity sections of the study.

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LSA

Project Location

FIGURE 1

N

0 1000 2000
FEET

SOURCE: USGS The National Map (2018)

Cultural Resource Study
Good Samaritan Hospital Project
San José, Santa Clara County, California

Regional Location

J:\20230915\GIS\Pro\Good Samaritan Hospital Project\Good Samaritan Hospital Project.aprx (3/9/2023)

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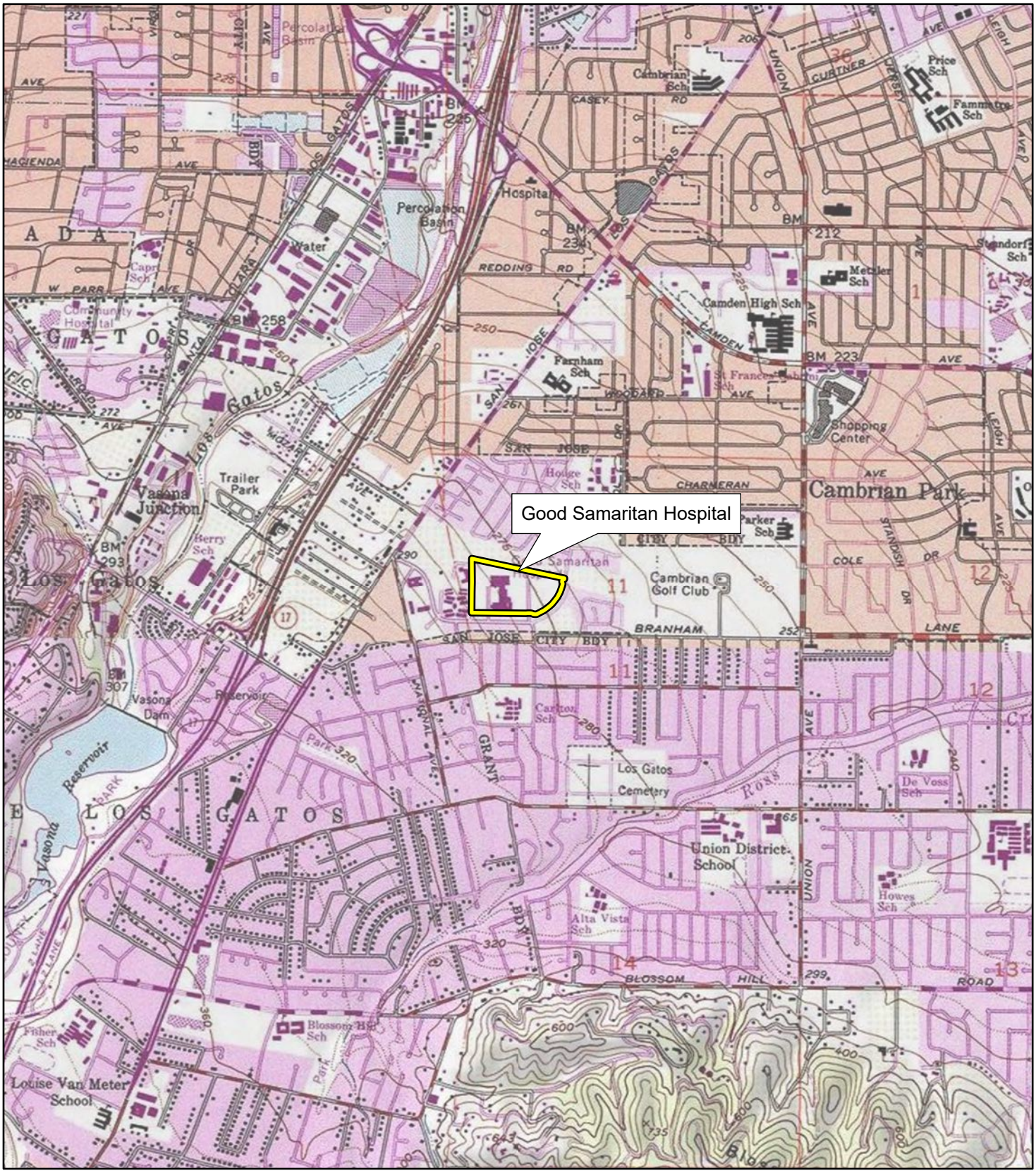


FIGURE 2

LSA

0 1000 2000
FEET

Cultural Resource Study
Good Samaritan Hospital Project
San José, Santa Clara County, California
Project Site

SOURCE: USGS 7.5' Quad - *San Jose West (1980)* and *Los Gatos (1980)*, CA

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LSA

Project Location

FIGURE 3

N

0 150 300

FEET

SOURCE: Nearmap (2022)

Cultural Resource Study
Good Samaritan Hospital Project
San José, Santa Clara County, California

Cultural Resource Locations

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2.0 REGULATORY CONTEXT

2.1 CALIFORNIA ENVIRONMENTAL QUALITY ACT

CEQA applies to all discretionary projects undertaken or subject to approval by the state's public agencies (California Code of Regulations [CCR] Title 14 §15002(i)). CEQA states that it is the policy of the State of California to "take all action necessary to provide the people of this state with… historic environmental qualities…and preserve for future generations examples of the major periods of California history" (PRC §21001(b), (c)). Under CEQA, "A project with an effect that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant effect on the environment" (CCR Title 14 §15064.5(b)).

CEQA §21084.1 defines a "historical resource" as a resource that meets one or more of the following criteria:

- Listed in, or determined eligible by the State Historical Resources Commission, for listing in, the California Register of Historical Resources (CRHR).
- Included in a local register of historical resources (as defined at PRC §5020.1(k)) unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
- Identified as significant in a historical resource survey meeting the requirements defined at PRC §5024.1(g) unless the preponderance of evidence demonstrates that it is not historically or culturally significant; or
- Determined to be a historical resource by a project's lead agency based on substantial evidence in light of the whole record (CCR Title 14 §15064.5(a)).

A historical resource consists of "Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California… Generally, a resource shall be considered by the lead agency to be 'historically significant' if the resource meets the criteria for listing on the California Register of Historical Resources" (CCR Title 14 §15064.5(a)(3)).

2.1.1 California Register of Historical Resources

The CRHR is a guide to cultural resources that must be considered when a government agency undertakes a discretionary action subject to CEQA. The CRHR helps government agencies identify and evaluate California's historical resources (California Office of Historic Preservation 2001b:1), and indicates which properties are to be protected, to the extent prudent and feasible, from substantial adverse change (PRC §5024.1(a)). Any resource listed in, or eligible for listing in, the CRHR is to be considered during the CEQA process (California Office of Historic Preservation 2001a:7).

The CRHR is modeled after the National Register of Historic Places (NRHP), and its significance and integrity criteria are parallel those of the NRHP. A resource eligible for the NRHP is eligible for the CRHR. The NRHP criteria, however, have been modified for state use by the California Office of

Historic Preservation (OHP) to include a range of historical resources which better reflect the history of California (California Office of Historic Preservation 2001c:69-70; 2006:1). There are three instances in which a resource not eligible for the NRHP may be CRHR eligible: moved resources; resources achieving significance in the past 50 years; and reconstructed resources (California Office of Historic Preservation 2006):

- *Moved buildings, structures, or objects*. A moved building, structure, or object that is otherwise eligible may be listed in the CRHR if it was (1) moved to prevent its demolition at its former location; and (2) if the new location is compatible with the original character and use of the historical resource.

- *Reconstructed buildings*. A building less than 50 years old may be listed in the CRHR if it embodies traditional building methods and techniques that play a vital role in a community's historically rooted beliefs, customs, and practices (e.g., a Native American roundhouse or sweat lodge).

- *Historical resources achieving significance within the past 50 years*. Resources less than 50 years old may be listed in the CRHR if it can be demonstrated that sufficient time has passed to understand its historical importance.

2.1.1.1 Significance Criteria

A cultural resource is evaluated under four CRHR criteria to determine its historical significance. A resource must be significant in accordance with one or more of the following criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.

2. Is associated with the lives of persons important in our past.

3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.

4. Has yielded, or may be likely to yield, information important in prehistory or history.

2.1.1.2 Age

In addition to meeting one or more of the above criteria, the CRHR requires that sufficient time must have passed to allow a "scholarly perspective on the events or individuals associated with the resource." Fifty years is used as a general estimate of the time needed to understand the historical importance of a resource (California Office of Historic Preservation 2006:3; CCR Title 14 §4852 (d)(2)). OHP recommends documenting, and taking into consideration in the planning process, any cultural resource that is 45 years or older (California Office of Historic Preservation 1995:2).

2.1.1.3 Period of Significance

The period of significance for a property is "the span of time when a property was associated with important events, activities, persons, cultural groups, and land uses or attained important physical qualities or characteristics" (National Park Service 1999:21). The period of significance begins with the date of the earliest important land use or activity that is reflected by historic characteristics tangible today. The period closes with

the date when events having historical importance ended (National Park Service 1999:21). The period of significance for an archeological property is "the time range (which is usually estimated) during which the property was occupied or used and for which the property is likely to yield important information" (National Park Service 2000:34). Cultural resources may have more than one period of significance.

2.2 INTEGRITY

To be eligible for the NRHP and/or CRHR, a cultural resource must be significant under one or more criteria and must retain enough of its historic character and appearance to possess integrity, which is defined as the ability, or *authenticity*, to convey the reasons for its significance (CCR Title 14 §4852(c)). The evaluation of integrity must be grounded in an understanding of a resource's physical features and its environment, and how these relate to its significance. "The retention of specific aspects of integrity is paramount for a property to convey its significance" (National Park Service 1997:44).

National Register Bulletin 15, *How to Apply the National Register Criteria for Evaluation* (National Park Service 1997:2), states that the quality of significance is present in districts, sites, buildings, structures, and objects that possess integrity. There are seven aspects of integrity to consider when evaluating a cultural resource: *location*, *design*, *setting*, *materials*, *workmanship*, *feeling*, and *association*; these aspects are described below.

- *Location* is the place where the historic property was constructed or the place where the historic event occurred. The actual location of a historic property, complemented by its setting, is particularly important in recapturing the sense of historic events and persons.

- *Design* is the combination of elements that create the form, plan, space, structure, and style of a property. Design includes such elements as organization of space, proportion, scale, technology, ornamentation, and materials.

- *Setting* is the physical environment of a historic property. Setting refers to the character of the place where the property played its historic role. Physical features that comprise the setting of a historic property can be either natural or manmade, including topographic features, vegetation, paths or fences, or relationships between buildings and other features or open space.

- *Materials* are the physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property.

- *Workmanship* is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory. It is the evidence of the artisan's labor and skill in constructing or altering a building, structure, object, or site.

- *Feeling* is a property's expression of the aesthetic or historic sense of a particular period. It results from the presence of physical features that, taken together, convey the property's historic character.

- *Association* is the direct link between an important historic event or person and a historic property.

"To retain historic integrity a property will always possess several, and usually most, of the aspects" (National Park Service 1997:44).

2.3 ELIGIBILITY

National Register Bulletin 15, *How to Apply the National Register Criteria for Evaluation* (National Park Service 1997:3), states that for a property to qualify for listing in the National Register, it must meet at least one of the National Register criteria for evaluation by:

1. being associated with an important historic context *and*

2. retaining historic integrity of those features necessary to convey its significance.

Resources that meet the age guidelines, are significant, and possess integrity will generally be considered eligible for listing in the NRHP and/or CRHR.

2.3.1 City of San José

The City of San José's (City) HRI identifies known historical resources (these include city landmark district and conservation areas in addition to the classifications listed below) of relative significance, including properties listed on or eligible for listing in the National Register or California Register, or on the local level as a City Landmark, Candidate City Landmark, Structure of Merit, Contributing Structure, or Identified Site/Structure (City of San José, n.d.).

- A *City Landmark* is a highly significant historic resource meeting the qualifications for landmark designation as defined in the Historic Preservation Ordinance. A City Landmark is considered a historical resource for the purposes of CEQA.

- A *Structure of Merit* is a special historic resource that does not merit Landmark designation but contributes to the City's historic fabric; a Structure of Merit is not considered a historic resource for the purposes of CEQA.

- A *Contributing Structure* may be less significant individually when compared to an element of a National Register-eligible historic district, City Landmark Historic District, or Conservation Area. A Contributing Structure may be considered a historical resource for the purposes of CEQA, if the larger resource it contributes to is eligible for national state, or local listing per California Public Resources Code (PRC) §21084.1.

- The category of *Identified Site/Structure* (IS) is applied when further evaluation of the significance of the structure should be undertaken.

The City of San José considers properties that are determined eligible for listing in the Historic Resources Inventory as a Candidate City Landmark as a historical resource under CEQA.

In considering eligibility as a City Landmark, the City of San José uses the following criteria found in Section 13.48.110(H) of the San José Municipal Code:

1. Its character, interest or value as part of the local, regional, state or national history, heritage or culture;

2. Its location as a site of a significant historic event;

3. Its identification with a person or persons who significantly contributed to the local, regional, state or national culture and history;

4. Its exemplification of the cultural, economic, social or historic heritage of the City of San José;

5. Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style;

6. Its embodiment of distinguishing characteristics of an architectural type or specimen;

7. Its identification as the work of an architect or master builder whose individual work has influenced the development of the City of San José; and

8. Its embodiment of elements of architectural or engineering design, detail, materials or craftsmanship which represents a significant architectural innovation or which is unique.[1]

Properties that are documented and evaluated and eligible for listing in the San José Historic Resources Inventory as a Candidate City Landmark are determined by the City of San José to be a historical resource based on substantial evidence in light of the whole record (CCR Title 14 §15064.5(a)).

[1] Source: https://library.municode.com/ca/san_jose/codes/code_of_ordinances?nodeId=TIT13STSIPUPL_CH13.48HIPR.

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3.0 METHODS

LSA requested record searches (including at the Northwest Information Center and Native American Heritage Commission), conducted a literature and map review, and a pedestrian field survey to prepare the study. These tasks were conducted to identify the project site's land use history, identify potentially significant associations, prepare a historic context for cultural resources within the project site, and assess the potential for undiscovered archaeological deposits in the project site. The following sections summarize the methods and the results of these tasks.

3.1 RECORD SEARCHES

3.1.1 Northwest Information Center

At LSA's request, the staff of the Northwest Information Center (NWIC) of the California Historical Resources Information System conducted a records search (NWIC File No.: 22-1409) on March 20, 2023. The NWIC, an affiliate of the OHP, is the official State repository of cultural resources records and reports for Santa Clara County. The search consisted of a review of records for cultural resources studies, archaeological sites, and built-environment resources within the project site and a 0.25-mile radius.

As part of the records search, LSA also reviewed the following federal and state cultural resource inventories:

- *California Inventory of Historic Resources* (California OHP 1976).
- *Five Views: An Ethnic Historic Site Survey for California* (California OHP 1988).
- *California Points of Historical Interest* (California OHP 1992).
- *California Historical Landmarks* (California OHP 2023a).
- *Built Environment Resource Directory for Santa Clara County* (OHP 2023b).

3.1.1.1 Record Search Results

The NWIC identified no previously recorded cultural resources within the project site or within a 0.25-mile radius. However, according to the Built Environment Resource Directory for Santa Clara County, the GSH was assigned a California Historical Resource Status Code of "6Y" on May 31, 2010, indicating the GSH was "Determined ineligible for the [National Register of Historic Places] by consensus through Section 106 process – Not evaluated for [California Register of Historical Resources] or local listing" (California OHP 2023b; line 5349).

The NWIC record search identified a study prepared June 1, 2016, by Archaeological Resources Technology (ART) in accordance with a Nationwide Programmatic Agreement for the Collocation of Wireless Antennas. The 2016 ART study identified an earlier study prepared in 2010 by Michael Brandman Associates (MBA) for an FCC project at 5018 Charlotte Avenue in San José, 0.25-mile from

GSH.[2] The study found the GSH not eligible for inclusion in the NRHP due to significant alterations. The California State Historic Preservation Officer concurred with this finding noting, "the [GSH] built in 1963 has had successive alterations and additions to the structure such that it i doubled in size and the original design, style and significant appearance has been irretrievably lost. It appears to have no context of associations under [National Register of Historic Places] Criteria A, B, or C" (Archaeological Resources Technology 2016:11). LSA presumes the MBA study (and its subsequent reliance by ART in 2016) is the source of the GSH entry in the Built Environment Resources Directory of Santa Clara County.

In total, the NWIC record search identified ten previously conducted studies that overlapped the project site or were within a 0.25-mile radius (these are listed in Table A).

Table A: Previous Studies in/near Project Site

Author(s), Year, Title, NWIC Study No.	Study Type	Recorded Resources
Robert Cartier. 1978. Archaeological Evaluation for Parcels APN 421-2-67, -75, -76, -77, -78. Archaeological Resource Management (NWIC S-004480)	Archaeological field survey	None found
C. Thomas Williams. 1974. Environmental Impact Report, White Oaks Village, URS 7424. URS Research Company (NWIC S-004545)	Archaeological field survey	None found
Robert Cartier, Jan Whitlow, Charlene Detlefs, and Barbara Bocek. 1979. The Archeological Reconnaissance and Subsurface Testing of Three Pipeline Components of the District's In-County Water Distribution System: Anderson Force Main, Cross Valley Pipeline, and Almaden Valley Pipeline Unit II. Archeological Resource Management (NWIC S-005251 and -005251a)	Archaeological field survey, excavation	Multiple (none within project site or a 0.25-mile radius of it)
Archaeological Resource Management. 1984. Cultural Resource Evaluation of the Almaden Valley Pipeline, Unit 1/Calero Telemetry Cable Installation Project in the City of San Jose, County of Santa Clara. (NWIC S-006801)	Archaeological field survey, excavation, evaluation	Two (none within project site or 0.25-mile radius of it)
William Roop. 1980. Archaeological Survey of Park and Ride locations TRI-E-25, 27, 28, and 32. Archaeological Resource Service (NWIC S-008530)	Archaeological field survey	None found
Archaeological Resource Management. 1990. Cultural Resource Evaluation for the Good Samaritan Hospital Facilities Master Plan EIR (No. 9322A). (NWIC S-011964)	Archaeological field survey	None found

[2] NWIC Study File No. S-47790a. On file at NWIC, Sonoma State University, Rohnert Park, California.

Table A: Previous Studies in/near Project Site

Author(s), Year, Title, NWIC Study No.	Study Type	Recorded Resources
Mara Melandry, David B. Gardner, John W. Snyder, Gregory P. King, Robert L. Gross, and Margaret L. Buss. 1984. Historic Properties Survey Report, 04-SCL-85, P.M. 0.0/17.9, Construction of West Valley Transportation Corridor from Cupertino to San Jose, Santa Clara County, EA 04142-485000. Caltrans, District 4 (NWIC S-023630 and -023630a–d)	Archaeological and Architectural/historical field surveys	Multiple (none within project site or 0.25-mile radius)
Carrie D. Wills. 2010. Cultural Resources Records Search and Site Visit for T-Mobile West Corporation a Delaware Corporation, Candidate SF24662-D (Pole Cap Charlotte), in Front of 5018 Charlotte Avenue, San Jose, Santa Clara County, California. Michael Brandman Associates (NWIC S-038000)	Archaeological field survey	None found
Kathleen Kubal and Jay Rehor. 2013. Historic Property Survey Report, State Route 85 Express Lanes Project, Santa Clara County, California, EA 4A7900, EFIS 0400001163, US 101 PM 23.1-28.6, SR 85 PM 0.0-24.1, US 101 PM 47.9-52.0. URS Corporation (NWIC S-043191 and -043191a–c)	Archaeological field survey and excavation; Architectural/historical field survey	Multiple (none within project site or 0.25-mile radius of it)
Carolyn Losee. 2016. Cultural Resources Investigation for AT&T Mobility CL00191 "Cambrian Park" 2425 Samaritan Drive, San Jose, Santa Clara County, California 95124. Archaeological Resources Technology (NWIC S-047790 and -047790a–e)	Archaeological field survey; Architectural/historical management	None found

Source: Northwest Information Center, Sonoma State University, Rohnert Park, California.
APN = Assessor's Parcel Number
NWIC = Northwest Information Center

3.1.2 Native American Heritage Commission

LSA submitted a request to the Native American Heritage Commission (NAHC) to search the Sacred Lands File (SLF) for Native American cultural resources that may be impacted by the proposed project. The NAHC maintains the SLF database and is the official State repository of Native American sacred-site location records in California.

Cody Campagne, NAHC Cultural Resources Analyst, responded to the SLF search request on April 10, 2023, stating that the results were negative and that there were no known Native American cultural resources in the project site (Appendix B). Analyst Campagne noted, however, that "the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area." The NAHC provided a list of Native American individuals to contact for additional information regarding the potential for cultural resources in the project site.

LSA understands that the City of San José is responsible for undertaking Native American consultation per Assembly Bill 52 for this project.

3.2 SAN JOSÉ HISTORIC RESOURCE INVENTORY

LSA examined the current online GIS-based City of San José's HRI and found that it did not include the Good Samaritan Hospital (City of San José 2024).

3.3 SAN JOSÉ MODERNISM HISTORIC CONTEXT STATEMENT

LSA examined the current online version of the *San José Modernism Historic Context Statement* that describes the period in America's architectural history during which the Good Samaritan Hospital was built. Neither Good Samaritan Hospital nor the San Francisco-based Anshen and Allen, the architectural firm responsible for designing the Good Samaritan Hospital, were mentioned (City of San José 2009).

3.4 LITERATURE AND MAP REVIEW

LSA reviewed the following publications, maps, and websites for historical information about the project site and vicinity:

- *Historic Civil Engineering Landmarks of San Francisco and Northern California (American Society of Civil Engineers, San Francisco Section* 1977)
- *California Place Names* (Gudde 1998)
- *Historic Spots in California* (Kyle 2002)
- *California 1850: A Snapshot in Time* (Marschner 2000)
- *An Architectural Guidebook to San Francisco and the Bay Area* (Cerny 2007)
- *Architecture of the San Francisco Bay Area: A History & Guide* (Schwarzer 2007)
- *San Francisco Architecture* (Woodbridge et al. 1992 and 2005)
- *A Living Legacy: Historic Architecture of the East Bay* (Wilson 1987)
- *Online Archive of California*
- USGS topographic quadrangle maps (1889, 1897, 1899, 1953a, 1953b, 1961a, 1961b, 1968, 1973, 1980)
- Aerial photographs (University of California, Santa Barbara 1939, 1958, 1965, 1980)

3.4.1 Results

The literature and map review indicated that the project site remained rural in character with cultivation of orchard crops as the primary land use until the construction of Good Samaritan Hospital in the 1960s. After World War II, the area surrounding the project site underwent a piecemeal transition from intensive agriculture to single-family residential tract development. The results of the topographic map and aerial photograph review are presented below in Table B.

Table B: Topographic Map and Aerial Photograph Review

Map/Photograph	Results
1889 *San Jose, Calif.*, 15-minute USGS topographic quadrangle (1:62,500)	No buildings or structures are depicted within the project site. The map indicates the project site is east of the boundary of *Rancho Los Gatos* and west of the original *Pueblo Lands of San Jose* grant. A segment of modern South Bascom Road / Los Gatos Boulevard is depicted west of the project site.
1897 *San Jose, Calif.*, 15-minute USGS topographic quadrangle (1:62,500)	No buildings or structures are depicted within the project site. This map depicts the same area development shown eight years before.
1899 *San Jose, Calif.*, 15-minute USGS topographic quadrangle (1:62,500)	This map depicts the same built environment as shown in 1889 and 1897.
1953 *San Jose, Calif.*, 15-minute USGS topographic quadrangle (1:62,500)	This map depicts the project site amidst a densely cultivated area – presumably, orchard crops. A segment of Lundy Avenue is depicted. The "Cambrian Village" tract development and Lewis Parker School are depicted east of the project site. The wider vicinity is depicted as an area in transition from agriculture interspersed with residential tract developments. Modern South Bascom Road / Los Gatos Boulevard is depicted as both Highway 17 and the *San Jose Los Gatos Road*.
1953 *San Jose West, Calif.*, 7.5-minute USGS topographic quadrangle (1:24,000)	This map depicts the same land use pattern, built environment, and infrastructure shown in 1953.
1961 *San Jose, Calif.*, 15-minute USGS topographic quadrangle (1:62,500)	This map depicts the same land use pattern as shown in the 1953, albeit with increased density as orchards are replaced by residential tract developments. The Cambrian Golf Club is depicted east of the project site, which itself remains shown as an orchard.
1961 *San Jose West, Calif.*, 7.5-minute USGS topographic quadrangle (1:24,000)	This map depicts the same land use pattern, built environment, and infrastructure shown in the 1961 *San Jose* topographic map
1968 *San Jose West, Calif.*, 7.5-minute USGS topographic quadrangle (1:24,000)	This map depicts GSH set amongst orchards. The building footprint shown corresponds to the main multi-story core Main Building. No outlying buildings, structures, or objects in the project site are depicted. Samaritan Drive is depicted as a new

Table B: Topographic Map and Aerial Photograph Review

Map/Photograph	Results
	(unnamed road). The surrounding area reflects the increased density of residential tract development. The San José city boundary is depicted north and east of the project site, reflecting subsequent annexations of lands during the post-war growth.
1973 *San Jose West, Calif.*, 7.5-minute USGS topographic quadrangle (1:24,000)	This map depicts the same land use pattern, built environment, and infrastructure shown in 1968 albeit with several substantial building additions to the north and south façades of GSH. There is increasing development to the east and south that indicates a waning of agricultural uses and an emerging modern suburban and industrial development pattern.
1980 *San Jose West, Calif.*, 7.5-minute USGS topographic quadrangle (1:24,000)	This map depicts the same land use pattern, built environment, and infrastructure shown in the 1973 *San Jose West* topographic map
1948 Aerial Photograph	This black and white photograph depicts the project site amidst orchards. No buildings, structures, or objects are depicted in the project site.
1953 Aerial Photograph	This black and white photograph depicts the same land use pattern depicted in 1948.
1956 Aerial Photograph	This black and white photograph depicts the same land use pattern depicted in 1948 and 1953.
1960 Aerial Photograph	This black and white photograph depicts the same land use pattern depicted in 1956.
1968 Aerial Photograph	This black and white photograph depicts the core building of the GSH along with the parking lots east and west of the main building. Lands north, east, and west are shown containing remnant orchards. Modern Samaritan Drive is depicted, and an undeveloped strip is shown south of and across from GSH, presumably prepared in advance of satellite medical clinics and doctor's offices.
1980 Aerial Photograph	This black and white photograph depicts the GSH in the project site. Notable differences appear to be an attached grouping of single-story buildings north of the Main Building. These buildings – since demolished – appear to be arranged as quadrangles each arranged around a central courtyard. Modern Highway 85 is not depicted however orchard clearance in advance of construction is. The building complex in the far northeastern corner of the project site at 2333 Samaritan Place is depicted containing three baseball diamonds with a parking lot suggesting this area was used as a park or recreation facility at this time. Relatedly, modern

Table B: Topographic Map and Aerial Photograph Review

Map/Photograph	Results
	Samaritan Place is depicted connecting to White Oaks Avenue and the residential tract development north of the modern Highway 85.
1982 Aerial Photograph	This color photograph depicts the buildings in the project site as shown in 1980.
1987 Aerial Photograph	This color photograph depicts the buildings in the project site as shown in 1982. However, the baseball diamonds at 2333 Samaritan Place are no longer depicted.
1993 Aerial Photograph	This color photograph depicts the buildings in the project site as shown in 1987. The building complex at 2333 Samaritan Place is depicted and construction of Highway 85 is active cutting off Samaritan Place from White Oaks Avenue.
1998 Aerial Photograph	This black and white photograph depicts the same built environment shown in 1987.
2002 Aerial Photograph	This color photograph depicts the same built environment shown in 1998.
2004 Aerial Photograph	This color photograph depicts the grouping of single-story buildings north of the Main Building first depicted in 1980 were removed and the area shown as a construction site.
2005 Aerial Photograph	This color photograph depicts the basic built environment configuration present in the project site.

Sources: USGS n.d., Nationwide Environmental Title Research, n.d.

Sanborn Fire Insurance maps do not provide coverage of the project site or vicinity, indicating that physical development was too sparse in the late 19th and early-to-mid-20th century to warrant inspection and risk assessment by the insurance industry.

Architectural guidebooks of the San Francisco Bay Area and the East Bay do not include the project site (Woodbridge et al. 1992 and 2005; Cerny 2007; Schwarzer 2007; Wilson 1987). No other built environment resources in or adjacent to the project site are listed or depicted in the publications, maps, and websites reviewed by LSA (a complete list of materials and sources reviewed is provided in a Bibliography at section 5.0 of this study).

3.5 GEOARCHAEOLOGICAL SENSITIVITY

Large-scale environmental changes significantly altered the landscape in the Bay Area over the past 15,000 years. This has important implications for the archaeological record since humans have been in the region since at least 10,000 B.P., and many of these changes have resulted in the burial and/or submergence of large segments of the landscape that were once available for human use and occupation (Meyer and Rosenthal 2007:7; ASC 2013:43). Thus, much of the evidence relating to

past occupation of the Bay Area, especially that pre-dating 3,000-4,000 years ago, is also buried (Byrd et al. 2017:4-1).

Fundamentally, there is an inverse relationship between landform age and the potential for buried pre-contact archaeological deposits. Pleistocene-age landforms (1.8 million years to ca. 11,500 cal B.P.) pre-date human occupation of the region; archaeological deposits on these landforms, if present, would be located at or near the surface. In contrast, landforms that formed during the Holocene (ca. 11,500 years ago to the present) may contain buried surfaces (paleosols) that would have been available in the past for human habitation (Meyer and Rosenthal 2007).

Estimating where sites could be expected on a given landform is a complex question. On a basic level, it is generally understood that archaeological deposits are not distributed randomly throughout the landscape, but rather tend to occur in specific geo-environmental settings (Byrd and Allen 2010). Habitation sites, for example, are typically associated with level or nearly level landforms that occur near stream confluences, especially where at least one stream is perennial.

Geoarchaeological studies in the region identify landform age, type, and position in the landscape as important criteria for assessing the potential for buried archaeological deposits. In their geoarchaeological study and sensitivity model for nine San Francisco Bay Area counties, Meyer, and Rosenthal (2007) identified Holocene-age landforms as having a general potential for containing buried pre-contact archaeological deposits. They further found that pre-contact archaeological sites tend to be at the bases of hills near sources of water, on stream terraces, and buried beneath a few inches to several feet of alluvial soils.

Because the Pleistocene alluvial fan sediments underlying the project site were deposited prior to human occupation of the area, and the project site was not historically near fresh water sources, LSA considers the project site to have low sensitivity for pre-contact archaeological deposits.

3.6 FIELD SURVEY

On April 7, 2023, LSA Architectural Historian Michael Hibma conducted a pedestrian field survey to identify built environment cultural resources within the project site and to obtain information about the architectural context and land use patterns of the project site and its vicinity. The purpose of the survey was to identify potential cultural resources with the project site. The field survey was documented through field notes and photographs taken with an Olympus Stylus *Tough* TG-4, 16-megapixel digital camera. The entire project site was thoroughly surveyed. The principal buildings identified were the GSH Main Hospital and adjoining single and multi-story buildings or “wings,” a detached helipad, a cluster of detached portable buildings. A detached single-story building at the far eastern corner of the project site were also identified and photographed. The remaining area within the project site included landscaped areas and paved parking lots west and east of the GSH Main Hospital building.

LSA did not undertake an archaeological survey due to the highly developed nature of the project site and vicinity. Previous construction of the hospital complex and adjacent roadways (including Samaritan Drive and State Route 85) would have entailed substantial earth moving. Any soil presently exposed within the project site is therefore likely in a disturbed context.

4.0 ELIGIBILITY EVALUATION

This section presents the pre-contact, ethnographic, historical, and architectural contexts of the project site and evaluates the project site under CRHR evaluative criteria. Please see Appendix A for a presentation of CRHR and City-based resource evaluations.

4.1 PRE-CONTACT ARCHAEOLOGY

The Paleo-Archaic-Emergent cultural sequence developed by Fredrickson (1974) is commonly used to interpret pre-contact occupation of the Bay Area. Fredrickson's cultural sequence has been updated (Milliken et al. 2007), however, to account for new radiocarbon and archaeological data informing the timing and nature of Native Californian occupation during the pre-contact period. The updated sequence—briefly summarized below—consists of the Pleistocene-Holocene Transition/Paleo-Indian Period (cal 11,500 to 8,000 B.C.), the Early Holocene/Lower Archaic (cal 8,000-3,500 B.C.), the Early Period/Middle Archaic (cal 3,500-500 B.C.), the Lower Middle Period/Initial Upper Archaic (cal 500 B.C.-A.D. 430), the Upper Middle Period/Late Upper Archaic (cal A.D. 430-1050), the Initial Late Period/Lower Emergent (cal A.D. 1050 to 1550), and the Terminal Late Period/Upper Emergent (cal A.D. 1550 to contact).

The Paleo-Indian Period began with the first entry of people into California, with the San Francisco Bay area presumably being settled between 11,500 to 8,000 B.C. (Milliken et al. 2007:114). Human populations during the Paleo-Indian period were low and probably consisted of small groups moving frequently to exploit plant and animal resources. Current research, however, is indicating more sedentism, plant processing, and trading than previously believed.

The Early Holocene is characterized by "a generalized mobile forager pattern," as indicated by assemblages containing millingslabs and handstones, and large wide-stemmed and leaf-shaped projectile points (Milliken et al. 2007:114). Early Holocene archaeological sites are rare, although this may in part be due to ancient deposits likely underlying several feet of sediment or having been submerged by sea-level rise (Meyer and Rosenthal 2007). Early Holocene sites have been identified in interior Contra Costa County at Los Vaqueros Reservoir, where a radiocarbon date of 9870 cal B.P. (7920 cal B.C.) was obtained from charcoal beneath an inverted millingslab associated with a deeply buried component (Meyer and Rosenthal 1997:III.64-III.65).

Although local variations occur, increased sedentism, regional trade, and symbolic integration generally mark the Early Period. Trade and symbolic integration is evidenced by marine shell ornaments, including rectangular *Olivella* and *Haliotis* shell ornaments (Elsasser 1978:38). A transition from a forager adaption to semi-sedentism is indicated in the archaeological record of bayshore shellmounds during this period.

Symbolic integration systems and technology evolved during the Lower Middle Period. At the onset of the Middle Period—referred to as the Early-Middle Transition (EMT)—rectangular shell beads, markers of the Early Period, are replaced in the archaeological record with stylistically new beads, including split-beveled and saucer *Olivella.* Other artifacts were also introduced during this period, including barbless fish spears, elk femur spatula, tubes, whistles, and bone basketry awls (Elsasser

1978:39). Culturally distinct traits appear by the Upper Middle Period, suggesting migration of a new population. This new population, known as the Meganos Aspect, is primarily characterized by its mortuary complex, which typically includes extended burial posture. The Meganos Aspect spread from the San Joaquin Delta during the EMT to the Livermore Valley, reaching the Walnut Creek/San Ramon Valley by the Upper Middle Period (Bennyhoff 1994a).

The Initial Late Period is marked in part by increased sedentism, status ascription and social stratification observed in burial practices, and the introduction of new technology. The latter consists notably of the bow and arrow, which is evidenced in the archaeological record by arrow-sized projectile points. Other artifacts associated with the Initial Late Period include *Haliotis* "banjo" ornaments, *Olivella* callus cup beads, and collared smoking pipes (Bennyhoff 1994b). It has been suggested that these changes in burial practices and artifacts is associated with the emergence of the Kuksu Cult, a ceremonial system found throughout northern California at European contact.

Sudden cultural changes occurred during the Terminal Late Period, which are indicated by changes in artifact types. These include replacement of Initial Late Period shell bead types with clamshell disk beads, as well the appearance of toggle harpoon tips. The presence of magnesite tube beads and corner-notched arrowheads from the North Coast Ranges, and Desert side-notched points from the central coast, along with other evidence, indicates widespread exchange of material culture in the Bay Area. This suggests considerable population movement and regional integration and may represent development of new regional cultural pattern that was interrupted by Spanish incursion into the Bay Area (ASC 2013:64).

4.2 ETHNOGRAPHIC CONTEXT

The project site[3] is within the ethnographic territory of the Ohlone, which stretched along the coast from the San Francisco peninsula to south of Monterey Bay and inland as far east as Livermore and Soledad. "Ohlone" was the term used by ethnographers to refer to the inhabitants of this area, who were present when Europeans first arrived. They are often also called by the name of their broader linguistic group, Costanoan, which was the name incorrectly bestowed by the Spanish. The word Costanoan comes from the Spanish word Costanos, meaning coast people, which was given to the tribes in 1770 when the first mission was established in their traditional tribal territory. The Costanoan represented a group of people who spoke eight separate languages, but whose dialects were like those of their geographic neighbors. The languages included Karkin, Chochenyo, Ramaytush, Tamyen, Awaswas, Mutsun, Rumsen, and Chalon. Although ethnographers differentiate the tribes by language and cultural expression, the Native American populations consisted of numerous politically autonomous nations. Forced displacement and recombination of Native American communities has led to a change in the way cultural affiliation is described and mapped today (ICF 2022:3.16-3).

[3] Portions of this section are adapted from *Archaeological Data Recovery at the Yerba Buena Site (CA-SFR-114) for the Moscone Center Expansion Project, San Francisco, California* (Byrd et. al. 2018); *San Francisco Bay-Delta Regional Context and Research Design for Native American Archaeological Resources, Caltrans District 4* (Byrd et al. 2017), and *Willow Village Master Plan Project, Final Environmental Impact Report* (ICF 2022).

The city of San Jose, where the project site is, falls within the area associated with the Tamyen (or Tamien) tribe (Levy 1978:485). Contemporary Tamien are direct descendants of Chief Tulum and Yaayaye and others who were taken to Mission Santa Clara. Having recently exercised their self-determination, they recognize that they have always been Tamien. In 1770, there were approximately 1,200 speakers of the Tamyen language. Today, the language is being actively revitalized and documented by tribal language expert Quirina Geary (ICF 2022:3.16-4).

Traditional households of Ohlone tribes are generally large, consisting of approximately 15 individuals from multiple generations. Groups of households form larger districts that share a common language as well as adjacent resource gathering and processing locations. Ethnographic studies have documented approximately 40 such districts, with each one consisting of 200 to 250 people (ICF 2022:3.16-4). Permanent villages were established near the coast, the bay, and along river drainages, while temporary camps were in prime resource-processing areas (Byrd et al. 2017:3-28). In the San Jose area, many of these villages were located along waterways.

The Ohlone traditionally utilized a wide variety of seasonally available food resources. These included plant foods (acorns, nuts, seeds, greens, and bulbs) and terrestrial mammals (deer, pronghorn, tule elk, and smaller animals), and sea mammals and waterfowl. They also fished and collected shellfish (oysters, mussels, and abalone), relying heavily on marine resources for food as evidenced by "the proliferation of shell middens throughout the Bay Area" (Byrd et al. 2018:16). To encourage growth of useful plant species and large game forage, the Ohlone regularly burned areas in their landscape.

Plants and animals were also important sources of raw materials. Tule, for example, was used for making canoes, mats, and baskets; plant materials, generally, were made into cordage, nets, and baskets, and shelters, sweathouses, and fences (Levy 1978:492). Animal bones, teeth, beaks, and claws were made into awls, pins, knives, and scrapers. Pelts and feathers became clothing and bedding, while sinews were used for cordage and bow strings. Feathers, bone, and shells were crafted into ornaments. Shell was also fashioned into beads, which were used for ornamentation, gaming, and trading.

Trade relations with neighboring villages and groups were well established with "bows, arrows, basketry materials, paints, and feather blankets…procured from the east, while the Ohlone traded mussels, dried abalone, salt, and abalone shells to the neighboring Yokut groups and provided the Sierra Miwok with *Olivella* and abalone shell beads" (Byrd et al. 2018:16). Obsidian was also acquired through trade, and along with locally procured chert and other stone types, was used to produce a range of tools including knives, arrow, and spear points, handstones and millingslabs, mortars and pestles, net sinkers, anchors, and pipes.

Ohlone culture was disrupted by the influx of European explorers and then decimated by the subsequent establishment of Spanish missions in the late 18th century. Colonization and occupation quickly reduced Ohlone populations, displaced them, and dramatically altered their traditional way of life. Specifically, mission life was devastating to the tribal population. When the first mission was established in the region in 1776, the Ohlone population (inclusive of all eight language groups) was estimated to be 10,000. By 1832, they numbered less than 2,000 because of introduced disease, harsh living conditions, and reduced birth rates. The Mexican government began to earnestly

secularize the mission lands in 1834 and divide the former mission land among loyal Mexican subjects. Those who opted to remain in their ancestral territory were branded as squatters. Others fled in the interest of survival. The Tamien, for example, were forced to relocate to Madera, Hollister, Gilroy, Los Banos, and San José. Because ceremonies and lifeways are dependent on the traditional spatial organization and proximity of households, as well as the reliance on the family as the sole support system, it has been difficult for many dispersed contemporary groups to maintain their cultural identity and language (ICF 2022:3.16-8).

Ethnographic information for the Ohlone is limited, compared to Native groups in other regions of California, coming primarily from early European accounts (by explorers and mission staff) and a few 20th century interviews by anthropologists who gathered information on remembered lifeways (Byrd et al. 2017:3-27). Formal recognition, assertion, and self-determination began to move to the forefront during the early 20th century. This movement was enforced by legal suits brought by the Indians of California against the United States government (1928–1964) for reparation due to them for the loss of traditional lands. Tribally led political advocacy groups brought attention to the community and resulted in a re-evaluation of Native American rights (ICF 2022:3.16-9).

4.3 HISTORICAL CONTEXT

4.3.1 Spanish Period

Recorded Spanish activity in the Bay Area begins in 1769 with the Gaspar de Portolá Expedition. The subsequent years brought more expeditions that favorably noted the fresh water, adequate timber, and rich soils of the Bay Area. In 1777, a party of settlers from San Francisco led by Lieutenant Moraga set out for the Santa Clara Valley to establish, on the banks of the Guadalupe River, the first civic settlement (or *pueblo*) in California. Spain's colonization policy goals were to pacify native peoples, encourage settlement by those of European heritage, and preempt competing foreign claims to territory claimed by Spain. Implementing this policy utilized three institutions: missions, presidios, and pueblos designed to operate in an interdependent relationship to reinforce each other and secure the land for the Spanish Crown.

The land that would become *Pueblo de San José de Guadalupe* was granted on July 22, 1778, by Governor Felipe de Neve in the name of King Charles III under provisions of the *Recompilacion de Leyes de los Reynos de las Indias*, a four-volume codex of Spanish colonial law to standardize Spanish colonial town planning. Based loosely on ancient Roman military camp layouts, the regulations required arranging streets in a gridiron plan and spread out four blocks deep from a central square that in turn was fixed by the location of a church (Reps 1979, 35-38, 97-98, 103-108). Instead of four blocks, the codex called for the boundaries of a pueblo grant to be four leagues square of flat ground, one square league in each cardinal direction from a central plaza (Hall 1871:334; Munro-Fraser 1881:370).

4.3.2 Mexican Period

After Mexico declared independence in 1821, the republican ethos of the Mexican state favored secular growth over ecclesiastical and disbanded the mission system in 1834. This policy emancipated tens of thousands Native American neophytes from church custody and made available hundreds of thousands of acres then held in trust by the church for the Spanish Crown.

California's Mexican governors liquidated church lands into land grant ranchos to populate the countryside with politically aligned citizens and assert Mexican sovereignty. As a result, the total number of ranchos in California doubled by 1844. During this time, political developments in central Mexico distracted the Mexican government. Consequently, the Spanish-speaking native-born Alta Californians, or *Californios*, enjoyed peace and a relatively high degree of political, social, and economic autonomy with minimal intrusion into their affairs by the Mexican state (Works Progress Administration 1939:47-50; Bancroft 1888 II:607-627; McWilliams 1973:38, Monroy 1990:123-132; Marschner 2000:4-6; Robinson 1948:29-31).

4.3.3 Gold Rush and Statehood

As more Anglo-Americans—mostly single young men from the United States—came to California, sympathies for joining the Union spread. The Mexican American War, the Treaty of Guadalupe Hidalgo, and the discovery of gold on the American River in January 1848, set in motion the Californios' loss of California (Laffey 1992:5). Following the Mexican American War, the United States annexed California in 1848 and occupied it via a military government. Statehood was granted as part of the Compromise of 1850, which settled, among other issues, a four-year political impasse in the United States Senate between free and slave-holding states regarding whether slavery could expand into territories won during the war (Greenburg 2012:266-267). California entered the Union as a free state and the hastily drafted and ratified California Constitution of 1849 specified relocation of the state capital from the former colonial and Mexican capital at Monterey to San José.

4.3.4 Santa Clara County

During the latter half of the 19th century, there was a growing migration of Anglo-Americans into Santa Clara County, an influx accompanied by regional cultural and economic changes. Many miners failed to strike it rich and turned to agriculture, particularly livestock and grain dry farming (Vaught 2003:449). The county experienced its first economic boom during a dry farming grain bonanza during the 1860s and 1870s. Anglo-American culture expanded at the expense of the established Hispanic culture; farmsteads slowly began to populate the immense Mexican ranchos, while the cultivation of various crops replaced cattle ranching as the primary regional economic activity. Larger tracts of pasturage converted to irrigated, specialty crop agriculture, requiring a large labor force and prompting a wave of immigration. Increasing population density in the San Francisco Bay Area converted agricultural lands to small towns and settlements, typically sited along the Southern Pacific Railroad (SPRR) or Western Pacific Railroad (WPRR) lines.

Following the end of World War II, many defense industry workers, returning veterans who had trained in California and others from the eastern United States wanted to remain and enjoy the state's warm climate and plentiful jobs, spurring a 20-year-long construction boom. "As the fifth most populous state in 1940, California rose to be the second most populous by 1950 and the first most populous by 1963" (Transportation Research Board 2012:60). By 1970, the state's population doubled to nearly 20 million. Most new residents were mostly young people forming families, which in turn quadrupled the population of school-age children in the state (Self 2003:257). The pace of this demographic change transformed California. Then Governor Earl Warren characterized the influx of residents equal to creating "a whole new city of ten thousand people every Monday morning" (Weaver 1967:147). These general trends of economic expansion and increasing

population have continued into the 21st century and generally characterize the development of Santa Clara County and San José to the present.

4.3.5 City of San José

San José[4] was founded on the banks of the Guadalupe River at what is now the corner of Hobson and Vendome streets, 6.75 miles northeast of Good Samaritan Hospital. The first courthouse in the region, an adobe known as the *juzgado*, was built in 1783; a second was built on higher ground 5 years later to avoid flooding. This building remained the seat of local government until 1850, when work began on the county courthouse that remains, though somewhat modified, a major presence on today's St. James Square. San José served briefly as California's first capital. However, the city was judged too damp, and the Legislature relocated first to Vallejo, then Benicia, and, finally to Sacramento in 1854.

In the years following the Civil War, the farming town continued to grow. During the 19th century, the Santa Clara Valley was famous for its orchards, fruit drying, and produce packing plants. The French prune, introduced to the region by Louis Pellier at his nursery, City Gardens, on St. James Street, became an important regional crop (Kyle 2002:438). Fruit production and processing was a mainstay of San José's economy until the 1960s. During the 1930s and 40s, when San José's population was approximately 70,000, between 20,000 and 25,000 men, women and children found seasonal employment in San José's more than two dozen fruit canneries. Cannery work was difficult, requiring laborers to stand for long hours performing repetitive tasks. The take-home pay at the canneries was higher than at many other occupations, which meant that, despite the difficult working conditions, many workers were willing to stay through the canning season.

San José has always been known for being on the forefront of developments in electronics—and as the site of some notorious technical failures. In 1881, J.J. Owen, then-editor of the *San Jose Mercury*, convinced the City to install a 237-foot-tall light tower that would, he claimed, make night become day in downtown. The tower, straddling the intersection of Santa Clara and Market streets, failed to illuminate the city as claimed. The tower was severely damaged in a 1915 windstorm and collapsed later that year. In 1909, the city was the site of a more successful technical endeavor: Dr. Charles Herrold established the world's first radio broadcast station at the corner of First and San Fernando streets. The station, which later became KCBS, broadcasts today from San Francisco.

In the years following World War II, the Santa Clara Valley experienced tremendous growth. Electronics, aviation, and semiconductor companies opened offices and factories in "Silicon Valley," creating thousands of jobs for returning military personnel, defense workers, and their families. Between 1960 and 1990, according to an article in *BusinessWeek*, companies started in the South Bay by graduates of Stanford University created more than 250,000 jobs. These workers needed housing, and the valley's fruit orchards soon gave way to housing developments. San José transformed from a market town with an agricultural economic base to a business and residential community known for its high-technology companies.

[4] Unless cited, this section is adapted from Powers 2018.

4.3.6 Health Care in Santa Clara County

After statehood in 1850[5], the State capital moved from Monterey to San José and the population of the then-small pueblo swelled. Swift population growth soon led to sanitation problems. "There were epidemics of cholera, smallpox, diphtheria, and typhoid fever, among other diseases." Such a rapid rise in public heath challenges overwhelmed the capacity of existing medical care. The growing city needed a hospital to provide medical care for the sick and destitute, but funds were not available until 1855, when the County of Santa Clara (County) Board of Supervisors Health Committee appointed a County Physician and contacted medical services to private parties at a rate of $2.50 per patient per day.

The need for services and a County hospital to provide them grew. In 1860, County Supervisors purchased 12 acres of land from Hiram Cahill on the-then western boundary of San José. The County enlarged the existing buildings and constructed a new "pest house" for patients suffering from acute contagious diseases (Sawyer 1922:193-194). In 1875, these buildings were relocated to a new, 114-acre site on South Bascom Avenue that now contains Valley Medical Center, 5 miles north of GSH. The County Hospital's brick buildings sustained considerable damage following the 1906 earthquake and a new, wood-framed hospital building was constructed the next year. However, the "specters of overcrowding and inadequate funding were constant companions of the hospital staff and Board of Supervisors throughout the hospital's history." The struggle to maintain adequate hospital capacity for a growing region in the post-war era was a constant occupation of the County Board of Supervisors. In 1960, a seven-story addition was built to the existing hospital and the facility was renamed Santa Clara Valley Medical Center.

Other notable medical facilities in the region included Agnews Development Center, a State hospital originally built in 1885 for mental asylum and later closed in 1997-98. The San José Hospital built in 1923 at 675 East Santa Clara Street (demolished in 2004) was at the time it opened "the only first class and strictly modern hospital between Santa Barbara and San Francisco" and later expanded to "accommodate the emerging middle class living the central [sic] San Jose that were excluded from the city, county, and state-run hospitals that served the poor and private hospitals that catered to the more affluent." As described above in section 4.3.5, the post war period was a time of rapid population and economic growth in San José and the Santa Clara Valley. The *San Jose Historic Context Statement* described the "*population of Santa Clara Valley experienced phenomenal growth after 1950. Correspondingly, the land area of the city spread from 17 square miles in 1950 to over 120 square miles in 1970.*" (City of San José 2023:91). In response to this explosion, a corresponding expansion of institutional infrastructure was needed to meet the demand for social and public services. Among the universe of needs was more capacity for health services. Existing hospitals were inadequate to meet the surge in needs. By 1965, seven additional hospitals were built and opened.

The table below provides the names of hospitals and other medical-related facilities within Santa Clara County in addition to GSH.

[5] Unless cited, this section is adapted from Archives & Architecture 2014.

Table C: Santa Clara County Hospitals

Facility Name	Address	Date Opened
O'Connor Hospital	2105 Forest Ave., San José	1953
Stanford University Medical Center	300 Pasteur Dr., Stanford	1959
Palo Alto Veterans Medical Center	3801 Miranda Ave., Palo Alto	circa 1960
El Camino Hospital	2500 Grant Rd., Mountain View	1961
Community Hospital of Los Gatos	815 Pollard Rd., Los Gatos	1962
Regional Medical Center of San José	225 N. Jackson Ave., San José	1965
Mission Oaks Hospital	15891 Los Gatos-Almaden Rd., Los Gatos	Before 1972
Sainte Louise Hospital	18500 Saint Louise Dr., Morgan Hill	1989-1999
Sainte Louise Regional Hospital	9400 No Name Uno, Gilroy	1989
Lucile Salter Packard Children's Hospital	725 Welch Rd., Palo Alto	1991
Kaiser Permanente Santa Clara	900 Kiely Blvd., Santa Clara	Before 1980
Kaiser Permanente Santa Theresa	250 Hospital Parkway, San José	Before 1980

Source: Archives & Architecture, 2004, page 127.

4.3.7 Project Site

Background research indicates that the site remained undeveloped until the early 20th century, when the area became intensively cultivated with stone fruit trees and other orchard crops. The SPRR and later the WPRR connected famers with distant markets, further spurring growth. Historical maps from the late 19th century and aerial photographs from the mid-20th century that include the project site and vicinity show few buildings or structures along with the SPRR and later the WPRR alignments (JRP Historical 2002:5-6). The general area remained intensively cultivated until the early 1960s, when topographic maps and aerial photographs depict new residential and commercial buildings to the north, east, and south of the GSH site (USGS 1973, 1980; Nationwide Environmental Title Research). The GSH was built by 1965 and appears to have been intentionally located in anticipation of further density of development and potential connections with an expanding highway system.

4.3.7.1 Good Samaritan Hospital

According to background research, construction of GSH began in 1963, finished in 1965, and the hospital was formally dedicated May 14, 1966. Until GSH was built, residents in western Santa Clara Valley communities of Los Gatos, Monte Sereno, Saratoga, Campbell, Cambrian Park, and development along the eastern flank of the Santa Cruz Mountains had few options for health care and emergency medical services. The push to build a hospital in this area began as early as 1947, as residents and community leaders recognized the rapidly increasing population of Santa Clara County and San José overwhelmed exiting medical facilities near the central core of San José (Beilharz and Demers 1980:190). An article in the September 13, 1965, edition of the *Los Gatos Times-Saratoga Observer* noted the "need for additional hospital facilities was apparent as long ago as 1950. The West Valley Hospital District was formed [for tax purposes], but twice voters turned down bond issues for a tax-supported hospital, and the district was dissolved in 1958" (*Los Gatos Times-Saratoga Observer*, September 13, 1965:5). However, the pressures of population growth led to an increased demand for medical facilities to serve the ill, injured, and indigent. These realities had, by

1960, prompted action to address a rapidly nearing "emergency situation with the hospital bed shortage become more acute each year" (*Los Gatos Times-Saratoga Observer* 4/19/1961:4).

In response, West Valley religious leaders and laypeople "joined forces to raise money for the proposed plant [i.e., hospital], to be called Good Samaritan Hospital" (*The Peninsula Times Tribune*, 3/4/1960:18). The organization and coordination of GSH was due in large part to local religious leaders and congregations. This influence is reflected in the namesake of GSH, a reference to the Parable of the Good Samaritan, a story in the Book of Luke of a Samaritan merchant traveling on the road between Jerusalem and Jericho who found a man robbed, beaten, and left for dead. The Samaritan took mercy on the stranger and secured the stranger medical care and lodging without expecting repayment. With respect to GSH, "[t]here was no quibbling of the name: Good Samaritan, with its implication of man's service to man was the obvious choice" (Beilharz and DeMers 1980:190).

The group had to adopt a different approach via securing funds to construct a 200-bed, non-profit, general hospital. A new approach to raise funds from grants and donations received a significant boost by using funding available by the Hospital Survey and Construction Act, passed by Congress, and signed by President Truman in 1946. Known as Hill-Burton Act of 1946, this legislation provided federal matching grants to states to build new community hospitals (*Los Gatos Times-Saratoga Observer* 4/19/1961:4). As a result, the Hill-Burton Act "became a major influence in the expansion of the hospital industry. More than 4,000 projects to expand existing facilities or construct new ones were initiated within 20 years after its passage" (Sultz and Young 1999:86).

By April 1961, the State Bureau of Hospitals received an application from the GSH Board of Trustees for $3,120,570, one-half of the anticipated total amount of $6,241,140 to build the 200-bed hospital (*Los Gatos Times-Saratoga Observer* 4/19/1961:4). Later that year, the State Bureau of Hospitals approved the application and the total estimate to build a 225-bed hospital grew to $6,456,285[6] (*Los Gatos Times-Saratoga Observer* 10/20/1961). A year-long effort by GSH Trustees, churches, residents, and donations by local heads of industry, business, and corporations raised the funds to meet the matching grant. The State Bureau of Hospitals approved the financial plan for GSH on February 20, 1962, prompting "a sigh of relief among the campaign workers" (*Los Gatos Times-Saratoga Observer* 2/20/1962:1).

The San Francisco-based architectural firm of Anshen and Allen[7] was selected to design GSH and the San Francisco-based Rothschild and Weirick was the building contractor, which by late 1962 was envisioned as a facility to "open in 1965 with 225 beds. It will be a six-story structure with wings extending from the two sides to accommodate offices, chapel, radiology, pathology, surgery, emergency, and psychiatric units. Bed distribution will be surgical-medical, 130; maternity, 40; pediatrics, 30; psychiatric, 25. Eventually it will be expanded to include 450 beds" (*Los Gatos Times-Saratoga Observer* 12/6/1962:1). A scaled model of GSH was prepared and displayed in various local banks in San José. An article in the February 20, 1963, edition of the *Los Gatos Times-Saratoga Observer* noted the "main building of [GSH] will have eight floors-six for patients and two for service,

6 According to the Federal Reserve Bank of Minneapolis' online *Inflation Calculator*, (n.d.) $6,456,285 in 1961 dollars is equivalent to $66,878,880 in (May) 2023 dollars.

7 See section 4.4.2 of this report for more information of Anshen and Allen.

including a basement. Facing the entrance, visitors will also see two wings, one containing the area or the chapel, and the psychiatric unit; the other ending in the emergency entrance" (*Los Gatos Times-Saratoga Observer* 2/20/1963:1).

The Good Samaritan Nurses Association assisted in designing the functional layout and operations of GSH. They coordinated with architects and engineers to push for what was at the time innovations such as an "intercom system planned to facilitate communication between nurse and patient and a pneumatic [vacuum] tube to facilitate interdepartmental communication." In addition, GSH "would be completely air-conditioned" (*Los Gatos Times-Saratoga Observer* 3/14/1962:3).

With the plans and organizational framework in place, GSH Trustees and local officials broke ground on April 24, 1963, on an approximately 20-acre site on what was then called the San Jose-Los Gatos Road near National Avenue (*Los Gatos Times-Saratoga Observer* 4/25/1963). Interestingly, it is notable that expansion of GSH was anticipated as part of the original design vision, albeit this anticipated expansion was envisioned to occur vertically and not horizontally. An article in the June 12, 1962, edition of the *Los Gatos Times-Saratoga Observer*, noted that the Los Gatos Town Council approved "development of a 185-acre area located South Bascom and Union avenues as a future medical and business community" which would include a "proposed 12-story Good Samaritan Hospital" (*Los Gatos Times-Saratoga* Observer, June 12, 1962). The vision of a 12-story hospital tower was scaled back, likely to clear the fund erasing hurdles. Less than two years later the *Los Gatos Times-Saratoga Observer* article noted, "[p]lans for future expansion call for the addition of another four floors when population increase demands it" (*Los Gatos Times-Saratoga* Observer, 1/9/1964).

Hospital Chapel. The organization of GSH was due in large part to the efforts by the West Valley religious community. As part of their efforts to build a non-profit hospital, GSH was "devoted to the entire person – body, mind and spirit" (Bielharz and DeMers 1980:191). A chapel was part of the original design, albeit the funds to plan, design, and build the chapel had to be privately funded, as federal law prevented public money being used for religious uses. The funds were raised via donations from individuals, local churches, and local artists such as Helen Caswell, a local artist of some renown who "offered to donate portrait fees for the [GSH's] inter-denominational chapel-chaplaincy program" (*Los Gatos Times-Saratoga Observer* 6/11/1963).

The chapel is a relatively small space set on the northern side of the GSH Main Hospital's main tower and has a two full-height colored glass windows in an abstract design, set in concrete.[8] The name(s) of the artists responsible for its design as not identified in background research. It is presumed that the architectural firm of Anshen and Allen, in conjunction with local religious members, designed the window, the chapel interior, and the Chaplain's Office.

Phase II. GSH formally opened its doors on September 22, 1965. The original configuration was not to remain in place for long. A "Phase II" of GSH "called for additional fund raising and planning efforts that spanned the years 1968-1974. The expansion more than doubled Good Samaritan's original size, enabling the hospital to provide 395 patient beds and to increase the number of

[8] See the DPR523 from record attached to this report for pictures of the Chapel's interior and exterior and stained-glass window.

employees" (Beilharz and DeMers 1980:190). As originally envisioned GSH's Main Hospital Tower was "engineered for addition of several more floors" as the population of the West Valley continued to grow (*Los Gatos Times-Saratoga Observer*, 24 April 1968:1). However, demand for services soon set aside intended plans to expand via adding floors to the GSH Main Hospital. Instead, space for an additional 35 beds was found by re-organizing existing space and expanding outward, as this was a "type of construction that can be completed within a year; additions to the tower unit, which contains permanent medical-surgical units, would take longer." Anshen and Allen were commissioned to design the addition (*Los Gatos Times-Saratoga Observer*, 6 August 1968:1).

According to an article in the September 22, 1970, edition of the *Los Gatos Times-Saratoga Observer* celebrating GSH's fifth year anniversary, it was noted that expansion of GSH would take place in the 1970s, "Instead, the hospital was in its third year when it became obvious that additional space was needed. Early this year [1970], 40 beds were added with the construction of the West Pavilion and with re-arrangement of space in the pediatrics department." The article went on to state the proposed expansion would cost $8.8 million and "will wrap around the tower on first, second, and third floor levels" (*Los Gatos Times-Saratoga Observer* 22 September 1970:2). A groundbreaking ceremony on the $9½ million Phase Two addition" took place June 15, 1971 (*Los Gatos Times-Saratoga Observer* 15 June 1971:4).

1980s – Today. By 1980, GSH had a full-time staff of 1,200. By the mid-2000s, GSH had expanded to nearly quadruple its original size. Background research revealed that, by 2003, the modern East Entrance to GSH's Pre-Surgical Admitting/Endoscopy and Surgery Waiting areas was in place along with a landscaped areas and access stairs leading to below ground floors. Beginning in July 2003, two single-story wings resting on square building footprints north of the GSH's Main Hospital Tower and Building were demolished and construction of the modern, four-story Women and Children's Services wing began and completed by November 2004 on the hospital's north and west-facing façades.

In 2017–2018, GSH renovated and expanded its Emergency Department to "double the Department's current square footage and [. . .] provide for faster patient diagnosis and treatment" (GSH 2017). The $30 million expansion renovated the interior and exterior providing a "new exterior walk-in entry and drop-off canopy for incoming patients, the expanded Emergency Department includes a new ambulance drop-off canopy and five ambulance parking spaces" (GSH 2017). The renovated ER and hospital signage altered the far-left side (western) portion of the main, street-facing façade, and the entrance off Samaritan Drive, the primary access point for arriving non-surgical patients and visitors. Concurrently, GSH undertook a separate, $14 million renovation of a portion of the Women's & Children's Services area as well as a project to renovate the Main Entrance arrival area and lobby (GSH 2023). While completed to provide additional services and accommodate and implement modern medical and technological advances, these renovations, when taken together, significantly altered GSH's primary and secondary façades.

Today, GSH is a 404-bed acute care hospital providing "emergency care, anesthesia and pain management, cancer care, cardiology, children's services, emergency care, general surgery, rehabilitation, robotic surgery, women's services, and wound care. Hospital facilities also include a birthing center, breast care center, a comprehensive stroke center, heart rhythm center, and joint replacement center. GSH is a certified Comprehensive Stroke Center, STEMI Receiving Center,

accredited Chest Pain Center, and a certified [Atrial Fibrillation] Center" (Town of Los Gatos 2022:6-25).

4.4 ARCHITECTURAL CONTEXT

Architecture in and around the project site follows trends elsewhere in mid- to late-20th century California. This section provides an overview of the major architectural trends represented by these resources.

4.4.1 International/Modernist

The International or Modernist style has its roots in the rise of industrial manufacturing during the late-19th century. Architects who favored this style focused on open floor plans and challenged traditional concepts of building layouts and massing. They sought to move away from decorative elements that referenced historical designs and motifs, and toward designs that emphasized a building's function. During this period of intense American industrial and commercial growth, a new form of building was needed to house workers in the increasingly dense and expensive downtown commercial core areas. Expanding horizontally was not a viable or affordable option, so the obvious solution was to expand vertically. Two practical innovations made this possible: steel-framed superstructure and elevators (Kunstler 1993:65; Brechin 2006:67-70). These support and communications systems were readily adapted to above ground uses. For architects, the boxed steel frame used in buildings no longer made the use of heavy timbers, stone, or brick necessary. Several architects, such as Louis Sullivan, seized on this new method and mocked the continued use of stone and/or wood by architects as obsolete. The outer wall now became a veneer, and could be clad with metal, glass, porcelain, or tiles (Kunstler 1993:65).

Modernist style buildings also represent a large range of designs, from simple, functional ranch residences to high-concept public facilities. During the early decades of the 20th century, architects gradually embraced the machine age, prompting a turn toward a sleeker, more refined appearance. Modern buildings also encompass several subtypes, including Prairie, Craftsman, and Brutalist designs. The advent of the Modern style was dependent on advances in building material technology, as the availability of steel and concrete encouraged 20th-century architects to move away from traditional forms by removing their dependence on walls as load-bearing necessities.

Early-20th century architects gradually embraced a minimally decorated façade and began to strip historically sourced symbols and motifs from their commercial buildings. The embrace of the machine age favored a sleeker, more refined appearance (Wiseman 2000:149).

Following the October 1929 crash of the New York Stock Exchange and the ensuing Great Depression of the 1930s set the stage for the International-styled design of European architects Walter Gropius, Mies van der Rohe, and Le Corbusier. These and other architects applied the basic principles of Deidesheimer's Square to create a building that required no load-bearing exterior walls. Sheets of glass or metal panels replaced bricks, stone, and concrete. This found widespread favor as reflective of post-war American society's optimism and prosperity. It soon spread to all major cities and outlying areas (Gelernter 1999:262-263). International-styled buildings were economical to build and easily replicated, as their uncomplicated design did without elaborate ornamentation,

qualities that appealed to businesses (Wiseman 2000:149). The general character-defining features of the International/Modernist style are:

- Square or rectangular footprint
- Flat or very low- pitched roof
- Subdued color schemes
- Minimal amount of façade ornamentation to draw attention of passersby to the inside
- Simple cubic "extruded rectangle" massing
- Windows running in broken horizontal or vertical rows forming a grid
- Façade angles at 90 degrees
- Building materials are steel, formed concrete, chrome, or plated surfaces (Gelernter 1999:248-249; McAlester 2013:616-627).

4.4.2 Brutalism

Brutalist buildings while massive and imposing represent a relatively short-lived application of reinforced concrete as an expressive medium. The style's origins are not clear. Some argue the style originated with English architects Allen and Peter Smithson in 1953 while French architect Le Corbusier experimented with it during the 1940s and 1950s. What is clear is that Brutalism is an offshoot of the larger encompassing development of Modernism during the post-WW II period (Past Consultants 2009:85; Brown 2011:201; Gelernter 1999:265; Gowans 1993:303-304).

Brutalism is derived from the French "*beton brut*" or raw concrete and describes the use of it as the defining characteristic in its crudest, rawest, most unadorned form. Brutalist buildings can use large expanses of glass; however typically deeply recessed, creating deep shadows generating reverse voids contrasting with the exposed concrete panels and cubic massing. The ability of wet concrete to fill any form creates the possibility for a wide variety of shapes and forms, though repetitive angled geometries predominate to reinforce the unadorned aspect of the style (Gelernter 1999:277). Concrete is poured on-site and left unfinished, revealing the texture and grain of wood forms or aggregate base thereby creating visual texture. Brutalist designs could use narrow, vertical ribs closely arranged as a finished surface creating a changing visual texture as sunlight and shadow wax and wane during the day. These ribs are themselves brutalized further by intentional breaking, chipping, or otherwise deforming the ribs creating a jagged and uneven surface, giving the impression of advanced weathering, and ageing the building.

Brutalist buildings can embody the distinctive characteristics and high artistic values of a short-lived method of construction and design. Brutalism's rawness and unadorned qualities is a direct rebuke of the machine-like precision of the glass-clad steel-framed towers of Mies van der Rohe and other International architects. As an inexpensive building material, concrete implies solidity and a sense of permanence. As such it was employed widely around the world in large-scale building projects during the 1950-1970s. While concrete is a character-defining feature of Brutalist architecture, raw concrete "might refer to the archaic in one case, to stark urban reality in another, to natural erosion in the third" (Curtis 1996:550).

Brutalism was popular for large, institutional applications, such as universities, municipal buildings, libraries, and others. Brutalist architecture could also allow for a building's interior elements such as plumbing, electrical, and climate control to be turned inside out as exemplified by Wurster Hall, at UC Berkeley. Several examples of Bay Area Brutalism are the Woo Hon Fai Hall in Berkeley, the Oakland Museum of California in Oakland, the Leo J. Ryan Federal Records Center in San Bruno, the Student Union Building at San José State University, the John Portman's Embarcadero Center, and the Hyatt Regency Hotel both in San Francisco. Other notable examples within California and the United Staes are the Salk Institute and the Geisel Library at UC San Diego, both in in La Jolla, Boston City Hall in Boston, Massachusetts, and the J. Edgar Hoover FBI Building in Washington D.C.

The general character-defining features of the Brutalism style are: square or rectangular cubist footprint; rough, unadorned poured concrete construction; flat roofs; heavy, cubic massing with right angled façades; wood grain imprints from concrete forms; deliberately chipped or blemished surface to create visual texture; recessed windows and deeply shadowed irregular openings; and repeating geometric patterns (Brown 2011:201-203; Walker 1996:268-269; Past Consultants 2009:86).

4.4.3 Reinforced Concrete

The spread of reinforced concrete construction in the United States was generally in response to the needs for improved resistance to fire and earthquake damage. As a building medium, reinforced concrete was simple to work with and required minimal skilled labor (in comparison to professional masons). Roughly beginning in 1890, the spread of reinforced concrete structural systems "including walls, columns, slabs and beams" along with steel-frame building, was at the forefront of American construction by 1910 (Friedman 2010: 131).

According to historian Betsy Hunter Bradley, the motivation in spreading the use of reinforced concrete was (1) the refinement of the preparation of Portland cement through a process of grinding and heating to make a material that would be uniform in composition and strength, and (2) the use of steel reinforcing bars, pioneered by San Francisco-based engineer Ernest Leslie Ransome. By 1900, Ransome's method of steel reinforcement allowed concrete structural systems to adopt a more skeletal form, which allowed for more windows providing more interior lighting for manufacturing and other industrial uses (Bradley 1999:156-157; Tobriner 2006:204). The term "Portland cement," according to essayist Brian Hayes, dates to the 1820s when concrete was rediscovered by builders in the English Midlands. The term "*Portland cement*" refers to the Isle of Portland, of the Dorset Coast of England, which was the source of the white limestone that architect Christopher Wren chose for St. Paul's Cathedral in London. Portland cement does not come from the Isle of Portland, but the name was thought to suggest quality" (Hayes 2005:42).

4.4.4 Anshen and Allen

An article in the January 10, 1962, edition of the *Los Gatos Time-Saratoga Observer* noted a "medical-architectural committee for the Good Samaritan Hospital" composed of 26 physicians and surgeons served as an advisory body "in design and planning with" Anshen and Allen, a San Francisco-based architectural firm (*Los Gatos Time-Saratoga Observer* 10 January 1962:1). According

to the *San Francisco Modern Architecture and Landscape Design Historic Context Statement*, the San Francisco-based firm of Anshen and Allen was established in 1940 by Robert S. Anshen and William Stephen "Steve" Allen, who "began their careers primarily as residential architects and were the first designers for the mass-produced homes of Joseph Eichler, beginning in 1949. The firm expanded throughout the 1950s, producing commercial and institutional buildings, and opening offices in Boston, Massachusetts; Columbus, Ohio; and London, England. Although both Anshen and Allen have passed away, the firm remained a successful presence in educational and healthcare facilities" (San Francisco Planning Department 2011:210). As the firm "best known today as the original designers of Eichler homes" the firm later "played a major role in setting the tone for Bay Area modernism as something warmer and more Wrightian than its Southern California counterpart" (Weinstein, n.d.). In 2010, the design and consulting company Stantec acquired Anshen & Allen (Online Archive of California 2023).

4.4.4.1 Robert Anshen, A.I.A.

According to the AIA's *American Architects Directory* for 1962, Robert Anshen was born January 29, 1910, in Revere, Massachusetts. Like William Allen, Robert Anshen graduated from the University of Pennsylvania's undergraduate and graduate architecture schools in 1936, where he formed a lifelong friendship and later San Francisco-based architectural partnership with Allen. After partnering with Allen in 1940, Anshen served as "the face of the business". Their big break came in 1940 when the "two won over Standard Oil Vice President Ralph K. Davies […] when he was searching for architects to design a Tudor mansion for him in [the unincorporated San Mateo community of] Woodside" (American Institute of Architects 1962: 17; San Francisco Planning Department 2011:209).

Winning the Woodside commission proved "a job that put [Anshen and Allen] on the map and that led to most of the jobs that followed" (Eichler Network 2021). Robert Anshen was a member of the Northern Californian Chapter of the American Institute of Architects (AIA) beginning in 1946, served as a Lecturer in Design at the University of California, Berkeley from 1952-1953, a juror in architectural design competitions, wrote a monthly column on architecture for the *San Francisco Examiner* in 1962, and was highly regarded among the architectural and design professional community. Robert Anshen died in 1964 (Pacific Coast Architecture Database 2023).

4.4.4.2 William Allen, A.I.A.

According to online information available at the American Institute of Architects (AIA), William Stephen "Steve" Allen was born July 15, 1912, in Neptune Township, New Jersey. He attended the University of Pennsylvania, graduating in 1935 with a bachelor's degree in architecture. He remained a student at University of Pennsylvania and graduated the next year with a master's degree in architecture. After graduation, he went abroad traveling through Germany, Italy, and Japan "with his schoolmate and future partner, Robert Anshen" (American Institute of Architects 1962: 10, 17; San Francisco Planning Department 2011:209). After returning to United States and nearly broke, Allen and Anshen ended up in San Francisco during the Great Depression. Allen soon found work a designer for Masten & Hurd as well as Blanchard & Maher. While engaged in design work, Allen and Anshen formed a partnership in 1940, which they would operate until 1964, when Robert Anshen died. William Allen continued as senior partner until 1972, when he retired. He died in 1989.

4.4.4.3 Selected Portfolio

From its founding and through the 1960s, Anshen and Allen maintained their offices in the Jeweler's Manufacturing Building built in 1907 at 461 Bush Street (extant, contributing element to the Kearny-Market-Mason-Sutter Conservation District and a historical resource for the purposes of CEQA). Anshen and Allen, both members of the American Institute of Architects, operated as a partnership until 1964 when Robert Anshen no longer was a partner and William Allen retired in 1972. During their operation, "doing primarily residential designs; its work, over 3,000 houses by 1962," the firm won prestigious awards for their architectural designs and generally was regarded as a top-tier architectural design firm (Pacific Coast Architectural Database 2023; AIA 1962).

In 2010, the firm was absorbed as a subsidiary of Stantec, an international consulting firm based in Edmonton, Alberta, Canada. Information reviewed indicates that, along with the Good Samaritan Hospital, the firm of Anshen and Allen are credited with designing many buildings, the following are in the wider San Francisco Bay Area and the western United States that are contemporary with GSH:

- 1950: Various Eichler Homes Developments San Francisco Bay Area
- 1956: Chapel of the Holy Cross, Sedona, Arizona
- 1957: Quarry Visitor Center, Dinosaur National Monument, Utah (razed)
- 1961: 601 California Street, San Francisco
- 1963: Latimer Hall, University of California, Berkeley
- 1964: Central United Methodist Church, Stockton, California
- 1966: Samuel Silver Space Sciences Laboratory, University of California, Berkeley,
- 1966: Hildebrand Hall, University of California, Berkeley
- 1967: Bank of California Building, San Francisco
- 1968: Lawrence Hall of Science, University of California, Berkeley
- 1969: Bank of California Tower (now Union Bank Tower), Portland, Oregon (Wikipedia 2023)

4.5 ELIGIBILITY EVALUATION

The following section presents an evaluation to assess whether the Good Samaritan Hospital within the approximately 20-acre parcel evaluated in this study is eligible for inclusion in the CRHR or for local designation, thereby qualifying as a historical resource for the purposes of CEQA.

4.5.1 Application of California Register of Historical Resources Criteria – Good Samaritan Hospital

4.5.1.1 Criterion 1: Is it associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage?

Research indicates that GSH, evaluated in this study, is associated with the growth of San José in the mid- to late-20th century, as it relates to increasing the overall level of medical care in San José in general, and those communities in the West Santa Clara Valley specifically. Organization for a hospital in this area began shortly after the end of World War II, as the population quickly expanded soon overwhelming San José's then-existing medical care infrastructure. Due to tireless efforts to organize and raise funds, Good Samaritan Hospital was built. The portion of GSH of sufficient age to warrant evaluation here consists of the original six-story tower and adjacent wings dating to the

original period of construction of 1962 to 1965 designed by San Francisco-based Anshen and Allen. The other built environment elements within the approximately 20-acre site range from 18 to 33 years old and have not reached sufficient age to provide sufficient scholarly perspective to warrant evaluation for eligibility and ae not addressed in this study.

GSH was designed and built to operate as a general hospital. The facility was initially designed for subsequent expansion in anticipation of continued regional population growth and with it, an increased need for medical services. However, such expansion was envisioned to be vertical, i.e., additional floors (up to 12) for the Main Tower, rather than horizontal expansion, as LSA's research and field survey indicated occurred. Good Samaritan Hospital is among several hospitals and medical facilities in San José and Santa Clara County associated with this period of growth in San José, Santa Clara County, and California. Background research indicates this facility continues to serve as a hub to support a variety of secondary and tertiary specialty clinics, offices, and related medical services in the vicinity. Accordingly, GSH possesses specific, important associations with the context of San José's late-20th century growth, an event that made a significant contribution to the broad patterns of the history of San José, Santa Clara County, and the West Valley.

For these reasons, LSA concludes that the Good Samaritan Hospital evaluated in this study appears individually eligible under CRHR Criterion 1.

4.5.1.2 Criterion 2: Is it associated with the lives of persons important in our past?

The GSH evaluated in this study was created to address a pressing and growing deficiency in the level of medical care in the western portion of Santa Clara County in the aftermath of World War II. Background research did not identify individuals whose lives are important in our past. Individuals who practiced medicine at GSH or their associative or supporting professions (e.g., members of the GSH Trustees or Boards of Directors, administrative staff, religious, or other professionals, etc.) would not have lived within the project site, as these buildings were used for medical care and treatment. Accordingly, such potential associations with the project site primarily existed to serve the hospital's mission to treat disease and provide medical care via a nonprofit organization, an arrangement common historically and in modern times. Background research did not identify an association with GSH and medical doctors or other specialists with a pioneering medical procedure or course of treatment. Accordingly, GSH does not appear associated with the lives of individuals important to the history of medical practice in California or the United States, or individuals important in the wider history of San José, Santa Clara County, or California.

For these reasons, LSA concludes that the Good Samaritan Hospital evaluated in this study does not appear significant under CRHR Criterion 2.

4.5.1.3 Criterion 3: Does it embody the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values?

The GSH evaluated in this study is a representative example of a general Brutalist-influenced institutional building type associated with mid- to late-20th century development in San José, Santa Clara County, and California. Associated with the larger trend of International/Modernist, architecture, Brutalism was more severe in appearance, used raw exposed concrete, and included

few, if any, historicist elements. A review of popular architectural guides of the Bay Area and a database of West Coast-based architect biographies did not indicate that GSH's built environment evaluated in this study is notable for its architectural or design qualities or as an important example of an architectural aesthetic. The portion of GSH evaluated in this study shows evidence of extensive modification, which is common to these building types that were subsequently modified to meet the needs of a growing population, or make use of new technologies and practices, equipment upgrades, or repair damage.

GSH was designed in 1963–1965 by Anshen and Allen, a prolific San Francisco-based architectural firm. Background research indicates that Anshen and Allen designed a series of subsequent alterations up to 1980. Background research did not link GSH with Anshen and Allen's copious portfolio describing it as a notable example of their work in notable architectural publications, indicating that the building was not known for its architectural or design qualities, although Anshen and Allen are widely considered notable or important architects within the architectural and professional design community. Although the building has aspects that exemplify Brutalist architecture, a well-represented style in the existing building stock of the Bay Area. Better and more expressive examples of Bay Area Brutalism are the Woo Hon Fai Hall in Berkeley, the Oakland Museum of California in Oakland, the Leo J. Ryan Federal Records Center in San Bruno, the Student Union Building at San José State University, the John Portman's Embarcadero Center, and the Hyatt Regency Hotel both in San Francisco. As described above in section 4.4.4.3, better, more representative examples of Anshen and Allen's work can be found in the San Francisco Bay Area, California, and the western United States.

Nevertheless, LSA concludes that the portion of Good Samaritan Hospital evaluated in this study appears significant under CRHR Criterion 3. As discussed in Section 4.5.3, however, the Good Samaritan Hospital no longer retains sufficient integrity to convey this association.

4.5.1.4 Criterion 4: Has it yielded, or may it be likely to yield, information important in prehistory or history?

This criterion provides the means to evaluate the potential for archaeological deposits to contain information important in San José's historic-period and pre-contact past. Its application to architecture and the built environment is less common in eligibility evaluations due to modern written sources, plans, and other forms of technical analysis. Information about GSH's general Brutalist-influenced utilitarian architectural aesthetic and construction methods, as represented by the portion of the approximately 20-acre parcel containing GSH's built environment evaluated in this study, can be obtained from widely available sources on the Brutalist architectural style. The portion of GSH evaluated in this study is unlikely to yield information important to the history of medical care in the United States, San José, Santa Clara County, or California.

For these reasons, LSA concludes that the portion of Good Samaritan Hospital evaluated in this study does not appear significant under CRHR Criterion 4.

4.5.1.5 Special Criteria Consideration 2: Historical resources achieving significance within the past fifty years.[9]

According to the Office of Historic Preservation, "[i]n order to understand the historic importance of a resource, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the resource. A resource less than fifty years old may be considered for listing in the California Register if it can be demonstrated that sufficient time has passed to understand its historical importance" (OHP 2006:3).

A resource less than fifty years old may be considered for listing if it can be demonstrated that sufficient time has passed to obtain a scholarly perspective on the events or individuals associated with the resource to properly understand its historical importance. While GSH is more than fifty years old, this consideration is sometimes also applied to association with events and persons that took place in the more recent past at older properties.

To assess the potential for GSH to be eligible for association with important events or lives of important period within the recent past, LSA reviewed official guidance as well as sources that may reveal associative significance with GSH and important events or persons in the recent past.

By design, hospitals are associated with important milestone events in the lives of individuals and communities. Hospitals are places where the origins of individuals, treatment of disease or injury, recovery, as well as the end of life occur. Good Samaritan Hospital accrued significance with these types of important events since opening in 1965 and continues through to today. These events, while of momentous importance in the lives of those who live in the geographical region surrounding GSH as well as those who are present due to circumstance, are associative qualities inherent to hospitals everywhere.

According to NPS guidance, associations with birthplaces are not sufficient to warrant eligibility. A given resource "cannot be simply the birthplace or grave of a person significant in our past" (NPS 1997:32). However, potential eligibility for a birthplace can emerge if other potential sites or resources "strongly associated with a person of outstanding importance has lost all other properties directly associated with his or her formative years or productive life" (ibid).

LSA reviewed GSH's website and other online information for potential associations linking GSH with innovative medical practices and techniques or individuals important in the context of medical history. A review of GSH's website, the American Medical Association, and the Nobel Prize in Medicine did not identify or link GSH with any notable or significant medical advancements in the field or practice of medicine.

Based on this review, the GSH website notes, "The hospital continued to expand through the 1980s with advancing services, including pioneering work in cardiovascular medicine and surgery; family-centered birthing facilities; oncology services taking advantage of new medical, surgical, and radiological advances; and additional behavioral health facilities." In addition, by "the 1990s, the

[9] While GSH is clearly over fifty years old, LSA assessed the potential for GSH's eligibility under this criterion to provide a robust analysis to account for potential association(s) of GSH with events or persons important in the recent past.

hospital became a national leader in stroke services, the highest level of neonatal intensive care services, as well as high-risk pregnancies." In 2016 GSH was awarded certification "from the Joint Commission for Hip and Knee Joint Replacement Programs" (GSH 2023). Lastly, GSH "is only one of ten hospitals to be award four consecutive times with the Outstanding Achievement Award from the American College of Surgeons Commission on Cancer" (GSH 2016). However, in each case, specific medical doctors, specialists, or personnel were not identified to associate GSH with significant or notable medical professionals in the recent past. A review of American Medical Association (AMA) awards lists or via a simple institutional search, or via review of Nobel Prizes in Medicine did not identify GSH (AMA 2023; Nobleprize.org 2023). Based on this review, although GSH remains important in providing medical care in the West Valley, it has not accrued a higher associative stature for notable events or individuals in the recent past.

For these reasons, LSA concludes that Good Samaritan Hospital does not appear significant under CRHR Special Criterion Consideration 2 for achieving significance within the past fifty years.

4.5.2 Application of City of San José Evaluative Criteria – Good Samaritan Hospital

The section below provides a discussion of the Good Samaritan Hospital's eligibility for listing in the San José Historic Resources Inventory as a Candidate City Landmark. The City of San José utilizes the City Landmark eligibility criteria in Section 13.48.110(H) of the San José Municipal Code (as described above in section 2.3.1) to determine whether based on substantial evidence a project involves a historical resource on the local level under CEQA.

1) San José Municipal Code Section 13.48.110(H) Its character, interest, or value as part of the local, regional, state or national history, heritage or culture.

Good Samaritan Hospital is among several hospitals and medical facilities in San José and Santa Clara County associated with post war growth in San José, Santa Clara County, and California. Background research indicates this facility continues to serve as a hub to support a variety of secondary and tertiary specialty clinics, offices, and related medical services nearby. Accordingly, GSH possesses specific, important associations with the context of San José's late-20th century growth, an event that made a significant contribution to the broad patterns of the history of San José, Santa Clara County, and the West Valley. For these reasons, LSA concludes that the portion of Good Samaritan Hospital (GSH) evaluated in this study appears significant under criterion 1. However, as discussed in the Integrity Assessment below the Good Samaritan Hospital no longer retains sufficient integrity to convey this association.

2) Its location as a site of a significant historic event.

The GSH evaluated in this study was the result of local organization efforts that began shortly after World War II. The hospital was sited to also serve the adjacent community of Los Gatos as well as in anticipation of further residential and commercial growth into the West Valley. Background research and field survey does not indicate the siting and construction of GSH constitutes an event that reveals a higher associative stature for other hospitals whose development was the result of a similar pattern of community organization, fund raising, and construction. Coupled with the analyses described above, background research did not indicate that GSH was the location that contained

within it a significant event. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 2.

3) Its identification with a person or persons who significantly contributed to the local, regional, state or national culture and history.

The GSH evaluated in this study was created to address the growing deficiency in medical care in the West Valley after World War II. Individuals who practiced medicine at GSH or their associative or supporting professions (e.g., members of the GSH Trustees or Boards of Directors, administrative staff, religious, or other professionals, etc.) would not have lived within the project site, as these buildings were used for medical care and treatment. Accordingly, such potential associations with the project site primarily existed to serve the hospital's mission to treat disease and provide medical care via a nonprofit organization, an arrangement not uncommon historically and in modern times. Background research did not identify an association with GSH and medical doctors or other specialists with a pioneering medical procedure or course of treatment. Accordingly, GSH does not appear associated with the lives of individuals important to the history of medical practice in California or the United States, or individuals important in the wider history of San José. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 3.

4) Its exemplification of the cultural, economic, social or historic heritage of the City of San José.

As stated above in sections 4.5.2.1 and 4.5.2.2, GSH was built and put into operation to address a pressing need for medical care facility resulting from a rapid population growth in San José and western Santa Clara Valley in the decades after World War II. This event is one of several similar examples of medical facilities being constructed to address this demographic change in San José and statewide. Background research did not indicate Good Samaritan Hospital was the first such resource associated with this important context and does not possess higher associative stature under this criterion. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 4.

5) Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style.

Background research indicates that GSH was designed using the then-popular architectural aesthetic of Brutalist interpretation of Internationalist/Modernist architectural style which followed trends elsewhere in mid- to late-20th century California for similar institutional buildings. GSH does not appear to have been designed to appeal or otherwise incorporate architectural design cues, massing, or ornamentation in a way to reflect the architectural traditions of a distinct group of people in any era of history within San José, the Santa Clara Valley, or California. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 5.

6) Its embodiment of distinguishing characteristics of an architectural type or specimen.

The GSH evaluated in this study is a representative examples of a general Brutalist-influenced institutional building type associated with mid- to late-20th century development in San José, Santa Clara County, and California. Associated with the larger trend of International/Modernist, architecture, Brutalism was more severe in appearance, used raw exposed concrete, and included few, if any, historicist elements. A review of popular architectural guidebooks of the Bay Area and a database of West Coast-based architect biographies did not indicate that GSH's built environment evaluated in this study is notable for its architectural or design qualities or as an important example of an architectural aesthetic. The portion of GSH evaluated in this study shows evidence of extensive modification, which is common to these building types that were subsequently modified to meet the needs of a growing population, or make use of new technologies and practices, equipment upgrades, or repair damage.

Although the portion of GSH evaluated in this study has aspects that exemplify Brutalist architecture, a well-represented style in the existing building stock of the Bay Area. Better and more expressive examples of Bay Area Brutalism are the Woo Hon Fai Hall in Berkeley, the Oakland Museum of California in Oakland, the Leo J. Ryan Federal Records Center in San Bruno, the Student Union Building at San José State University, the Embarcadero Center in San Francisco, and the Hyatt Regency Hotel both in San Francisco. Nevertheless, LSA concludes that the portion of Good Samaritan Hospital evaluated in this study appears significant under criterion 6. However, as discussed in the Integrity Assessment below the Good Samaritan Hospital no longer retains sufficient integrity to convey this association.

7) Its identification as the work of an architect or master builder whose individual work has influenced the development of the City of San José.

GSH was designed in 1963–1965 by Anshen and Allen, a prolific San Francisco-based architectural firm. Background research indicates that Anshen and Allen also designed a series of subsequent alterations up to 1980. Background research did not link GSH with Anshen and Allen's copious portfolio describing it as a notable example of their work in notable architectural publications, indicating that the building was not known for its architectural or design qualities, although Anshen and Allen are widely considered notable or important architects within the architectural and professional design community. As described above in section 4.4.4.3 better, more representative examples of Anshen and Allen's work can be found in the San Francisco Bay Area, California, and the western United States. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 7.

8) Its embodiment of elements of architectural or engineering design, detail, materials or craftsmanship which represents a significant architectural innovation or which is unique.

The GSH evaluated in this study is a representative example of a general Brutalist-influenced institutional building type associated with mid- to late-20th century development in San José, Santa Clara County, and California. It uses materials and construction techniques common to that era, and it possesses few distinguishing or distinctive elements; the building typology that resulted from this architectural trend has been thoroughly documented through published architectural history books, websites, and local field guides that are widely available. Further study of GSH will not result in new information about construction techniques or the Modern/Brutalist architectural style. For these

reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 8.

4.5.3 Integrity Assessment

In addition to being significant under one or more criteria, a resource must retain enough of its historic character and appearance to be recognizable as an historical resource and retain integrity, which is defined as the ability of a resource to convey the reasons for its significance. There are seven aspects of integrity used to measure a property's ability to convey its significance: *location*, *design*, *setting*, *materials*, *workmanship*, *feeling*, and *association* (National Park Service 1997:45). The evaluation of integrity must be grounded in an understanding of a resource's physical features and its environment, and how these relate to its significance. A property's integrity is assessed only after its significance is established.

Per the City Landmark eligibility assessment above, the GSH Main Hospital Building appears individually significant under City Landmark criterion 1 and criterion 6 for associations with significant events and for its associations with Brutalist architecture. Therefore, the Good Samaritan Hospital Building is potentially individually eligible for listing in the San José Historic Resources Inventory as a Candidate City Landmark; therefore, its historic integrity was assessed.

Location: The GSH Main Hospital Building at 2425 Samaritan Drive has not been moved and retains integrity of *location*.

Design, Materials and Workmanship: Soon after the hospital opened in 1965, a "Phase II" construction program was underway to increase the number of hospital beds. As discussed above in section 4.3.8.1, this expansion more than doubled Good Samaritan's original size, enabling the hospital to provide 395 patient beds and to increase the number of employees" (Beilharz and DeMers 1980:190). By 1980, GSH had a full-time staff of 1,200. By the mid-2000s, GSH had expanded to nearly double its original size. Background research revealed that by 2003, the modern East Entrance to GSH's Pre-Surgical Admitting/Endoscopy and Surgery Waiting areas was in place along with a landscaped areas and access stairs leading to below-ground floors. Beginning in July 2003, two single-story wings resting on square building footprints north of the GSH's Main Hospital Building were demolished and construction of the modern four-story Women and Children's Services wing began and was completed by November 2004. In 2018, GSH renovated and remodeled the Emergency Room, the hospital Main Entrance and Lobby area, and additional alterations to the Women and Children's Services wing as part of a $50 million project.

Accordingly, except for the central six-story central tower and the remaining elements of the original single-story adjacent wings, the hospital appears radically different than when it opened 58 years ago. The portions of the hospital that reflect this subsequent growth reflect a range of architectural styles, with each newer addition moving further away from Anshen and Allen's original Brutalist aesthetic. There may have been practical reasons for this. GSH's purpose is to provide medical care and services and not remain an intact specimen of Brutalist architecture. Nevertheless, these alterations when taken together, have changed the hospital's primary elements that composed its original symmetrical façade, wall cladding, roof forms, massing, and footprint, which conveyed its ability to be a representative example of Brutalist architectural style as applied to a hospital or

other similar institutional property type. Therefore, the GSH Main Hospital Building does not retain sufficient integrity of *design*, *materials*, or *workmanship.*

Setting and Feeling: The GSH Main Hospital Building no longer retains sufficient integrity of *setting or feeling* due to subsequent removal of adjacent orchards and agricultural land use patterns in this area when the hospital was under construction, the growth of residential tract subdivisions, as well as the construction of State Route 85 north of and adjacent to GSH.

Association: The Main Hospital Building retains integrity of *association as* a regional medical facility.

The other buildings and helipad structure that share the same parcel as GSH range from 18 to 33 years of age and have not reached sufficient age to provide sufficient scholarly perspective to warrant evaluation for eligibility and are not addressed in this study; therefore, their integrity was not assessed.

4.5.3.1 Conclusion

According to the NPS guidance, "[t]he retention of specific aspects of integrity is paramount for a property to convey its significance." In addition, "[t]o retain historic integrity a property must always possess several, and usually most of, the aspects" (National Park Service 1997:44). As described above, Good Samaritan Hospital retains integrity of location and association as a regional medical facility. However, the remaining five aspects of integrity have significantly diminished via subsequent alterations, additions, and expansion of the hospital since its founding in 1965. Therefore, Good Samaritan Hospital does not retain sufficient collective integrity to convey its associative qualities with the period of post war growth in San José, Santa Clara County, and California as well as a specimen of Brutalist architecture. For these reasons, Good Samaritan Hospital does not appear eligible as a Candidate City Landmark.

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5.0 SUMMARY AND RECOMMENDATIONS

The study consisted of background research, a cultural resource field survey, and NRHP evaluation of the built-environment cultural resource in the project site.

5.1.1 Summary

Based on the background research and field survey conducted for this study, LSA concludes the GSH Main Hospital is associated with the mid- to late-20th century growth of San José and the western portion of Santa Clara County. The building possesses several characteristics of a general Brutalist-influenced utilitarian building type associated with institutional buildings during this period in San José, Santa Clara County, and statewide. However, background research and field survey indicate the original hospital building has sustained numerous alterations and additions in the 58 years since construction in 1965 and therefore no longer retains sufficient integrity to convey these historical associations. The other buildings and helipad structure in the project site range from 18 to 33 years old and have not reached sufficient age to provide adequate scholarly perspective to warrant evaluation for eligibility and are not addressed in this study.

For these reasons, LSA concludes that the GSH Main Hospital building does not appear individually or collectively eligible as part of a potential or unidentified district for inclusion under any of the evaluative criteria of the CRHR due to a lack of historic integrity to convey associative significance. For the same reasons, LSA concludes that the GSH Main Hospital building does not appear eligible for inclusion in the San José HRI as a Candidate City Landmark. Therefore, the GSH Main Hospital building evaluated in this study does not qualify as a "historical resource" for the purposes of CEQA as defined at PRC §5024.1(c).

See Table D, below, for a summary of the resource status of the GSH Main Hospital in the project site.

Table D: Resource Summary

Resource Name	California Register eligible?	Candidate San José City Landmark?	CEQA Historical Resource?
Good Samaritan Hospital Main Building	No	No	No

No archaeological resources were identified in the project site during this study. Because the project site sits on Pleistocene alluvial fan sediments that were deposited prior to human occupation of the area, and the project site was not historically near freshwater sources, LSA considers the project site to have reduced sensitivity for pre-contact archaeological deposits.

The absence of early historical structures within the project site (with associated below-surface features such as wells and privies) means that the potential for encountering buried historic-period archaeological resources is also low.

5.1.2 Recommendations

Given the low sensitivity for pre-contact archaeological deposits, LSA does not recommend additional archaeological investigation prior to construction. However, LSA does recommend providing Worker's Environmental Awareness Program training for grading/excavation crews prior to the start of construction. This mandatory training would be provided by the project archaeologist, who would review regulations regarding archaeological resources, summarize and show examples of the types of resources that could be identified during earthmoving activities, and provide notification protocols to be followed in the event suspected cultural resources are encountered.

Recommendations are provided below should unanticipated archaeological deposits or human remains be encountered during construction activities.

9) Inadvertent Discovery of Archaeological Deposits[10]

The following procedures should be followed in the event that subsurface cultural resources or archaeological deposits are identified during project activities, and an archaeologist is not present on the site. If prehistoric or historic resources are encountered during excavation and/or grading of the site, all activity within a 50-foot radius of the find shall be stopped, the Director of Planning, Building and Code Enforcement (PBCE) or the Director's designee and the City's Historic Preservation Officer shall be notified, and a qualified archaeologist in consultation with a Native American Tribal representative registered with the Native American Heritage Commission for the City of San José and that is traditionally and culturally affiliated with the geographic area as described in Public Resources Code Section 21080.3 shall examine the find. The archaeologist in consultation with the Tribal representative shall 1) evaluate the find(s) to determine if they meet the definition of a historical or archaeological resource; and (2) make appropriate recommendations regarding the disposition of such finds prior to issuance of building permits. Recommendations could include collection, recordation, and analysis of any significant cultural materials. A report of findings documenting any data recovery shall be submitted to the Director of PBCE or the Director's designee the City's Historic Preservation Officer and the Northwest Information Center (if applicable). Project personnel shall not collect or move any cultural materials.

10) Human Remains

If any human remains are found during any field investigations, grading, or other construction activities, all provisions of California Health and Safety Code Sections 7054 and 7050.5 and Public Resources Code Sections 5097.9 through 5097.99, as amended per Assembly Bill 2641, shall be followed. If human remains are discovered during construction, there shall be no further excavation or disturbance of the site, or any nearby area reasonably suspected to overlie adjacent remains. The project applicant shall immediately notify the Director of Planning, Building and Code Enforcement (PBCE) or the Director's designee and the qualified archaeologist, who shall then notify the Santa Clara County Office of Medical Examiner-Coroner.

[10] The language in this section reflects the City of San José's *Standard Permit Conditions* as provided to LSA by Kimley-Horn July 18, 2023, via email.

The Medical Examiner-Coroner will decide as to whether the remains are Native American. If the remains are believed to be Native American, the Medical Examiner-Coroner will contact the Native American Heritage Commission (NAHC) within 24 hours. The NAHC will then designate a Most Likely Descendant (MLD). The MLD will inspect the remains and make a recommendation on the treatment of the remains and associated artifacts. If one of the following conditions occurs, the landowner or his authorized representative shall work with the Medical Examiner-Coroner to reinter the Native American human remains and associated grave goods with appropriate dignity in a location not subject to further subsurface disturbance:

i. The NAHC is unable to identify a MLD or the MLD failed to make a recommendation within 48 hours after being given access to the site.

ii. The MLD identified fails to make a recommendation; or

iii. The landowner or his authorized representative rejects the recommendation of the MLD, and mediation by the NAHC fails to provide measures acceptable to the landowner.

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APPENDIX A

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION 523 SERIES FORMS

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code: 6Z
Other Listings
Review Code _____ Reviewer _____ Date

 Resource Name: Good Samaritan Hospital

P1. Other Identifier: None

P2. Location ☐ **Not for Publication** ☒**Unrestricted**

- **a. County:** Santa Clara
- **b. USGS 7.5' Quads:** *San Jose West* & *Los Gatos, Calif.*, **Date:** 1980; T8S; R1W, Section 11, M.D.B. & M.
- **c. Address:** 2425 Samaritan Drive **City**: San José **Zip**: 95124
- **d. UTM:** Zone 10S 593496mE/4123381mN (approx. center of 20-acre parcel)
- **e. Other Locational Data:** APNs 421-36-009; -011; western Santa Clara County

P3a. Description: This resource consists of the Good Samaritan Hospital (GSH), a variable-height, multi-unit, general services, and acute care hospital providing "emergency care, anesthesia and pain management, cancer care, cardiology, children's services, emergency care, general surgery, rehabilitation, robotic surgery, women's services, and wound care. Hospital facilities also include a birthing center, breast care center, a comprehensive stroke center, heart rhythm center, and joint replacement center. GSH is a certified Comprehensive Stroke Center, STEMI Receiving Center, accredited Chest Pain Center, and a certified [Atrial Fibrillation] Center" (Town of Los Gatos 2022:6-25). Built in 1963-1965 on a 20-acre parcel in what was at the time a semi-rural setting, this hospital is of reinforced concrete construction with a deep street setback on the north side of Samaritan Drive. The building is covered by a low-pitched or flat roof with no overhang and sheathed in an undetermined type of roofing. The walls are of reinforced concrete and the building rests on a concrete foundation with a basement. The main entrance is located on the western, non-street facing façade. The GSH building is in fair condition. A detached helipad is located north of the building and a detached single-story building is located approx. four hundred feet east of the building.

P3b. Resource Attributes: (HP41) Hospital

P4. Resources Present: ☒ Building

P5a. Photograph:



P5b. Description of Photo: Good Samaritan Hospital. East façade. View west. LSA photograph, 4/7/23.

P6. Date Constructed/Age and Source: ☒ **Historic**, 1965. County records, newspapers.

P7. Owner and Address:
Good Samaritan Hospital LP
P.O. Box 1504
Nashville, TN 37202

P8. Recorded by:
Michael Hibma, M.A.
LSA
157 Park Place
Richmond, California 94801

P9. Date recorded: 5/10/23.

P10. Survey Type: Intensive

P11. Report citation: Hibma, Michael and Kendra Kolar, 2023. *Cultural Resources Study – Good Samaritan Hospital, San José, Santa Clara County, California*. LSA, Point Richmond, California.

Attachments: ☒Location Map ☒Continuation Sheets ☒Building, Structure, and Object Record

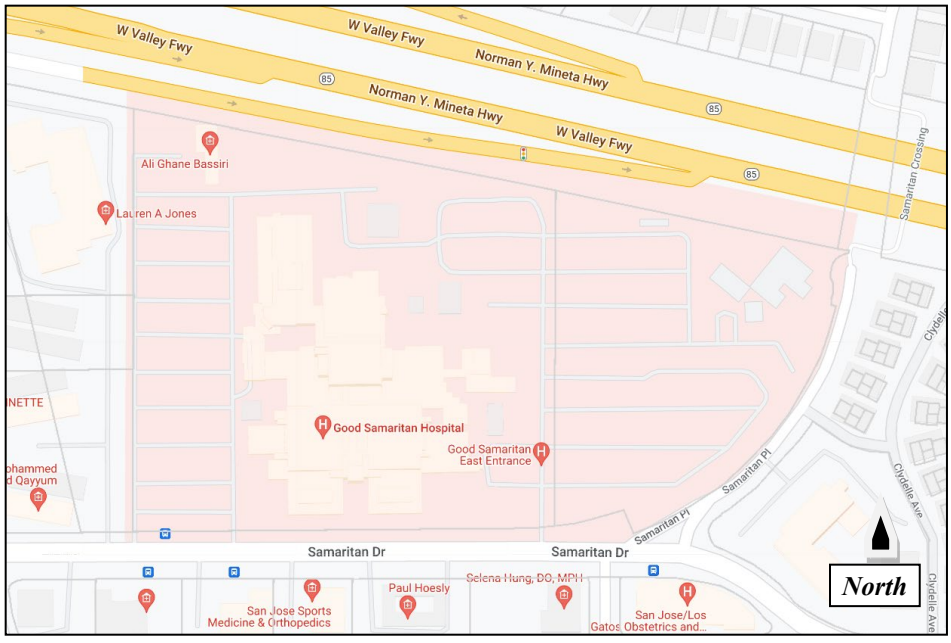
B1. Historic Name: *Good Samaritan Hospital*
B2. Common Name: Same
B3. Original Use: Non-profit general hospital.
B4. Present Use: Same
B5. Architectural Style: Brutalist
B6. Construction History: According to information in the *Los Gatos Times-Saratoga Observer*, the Good Samaritan Hospital (GSH) was built in 1963-1965. The San Francisco-based architectural firm Anshen and Allen designed GSH. A "Phase II" called for additional fund raising and planning efforts that spanned the years 1968-1974. The expansion more than doubled Good Samaritan's original size to provide 395 patient beds and to increase the number of employees. Beginning in July 2003, two single-story, wings resting on square building footprints north of GSH were demolished and construction of the modern four-story Women and Children's Services wing began and completed by November 2004 on the hospitals north and west-facing façades. In 2017-2018, GSH renovated and expanded its Emergency Department to double the Department's current square footage and will provide for faster patient diagnosis and treatment. Concurrently, GSH renovated the Women's & Children's Services area, the Main Entrance arrival area, and lobby as well as landscaping changes.

B7. Moved? ☒ No
B8. Related Features: detached freestanding tank.
B9. a. Architect: Anshen & Allen, San Francisco (1965-1980)
b. Builder: Rothschild and Weirick, San Francisco (1963-1965)
B10. Significance: Theme: N/A **Area:** City of San José, Santa Clara County
Period of Significance: N/A **Property Type:** Hospital building **Applicable Criteria:** N/A

This approximately 20-acre area contains the Good Samaritan Hospital (GSH) an active hospital located at 2425 Samaritan Drive in a semi-urban, residential tract setting. Research indicates that the building was built in 1965, dedicated May 15, 1966, and has continuously operated as a regional general and acute care hospital. The seven-story primary or Main Building is also an example of the Brutalist architectural style, an aesthetic in large institutional buildings during late-20th century in San José, Santa Clara County, and statewide. (see continuation sheets).

B11. Additional Resource Attributes: N/A

B12. References:
See Continuation Sheets.

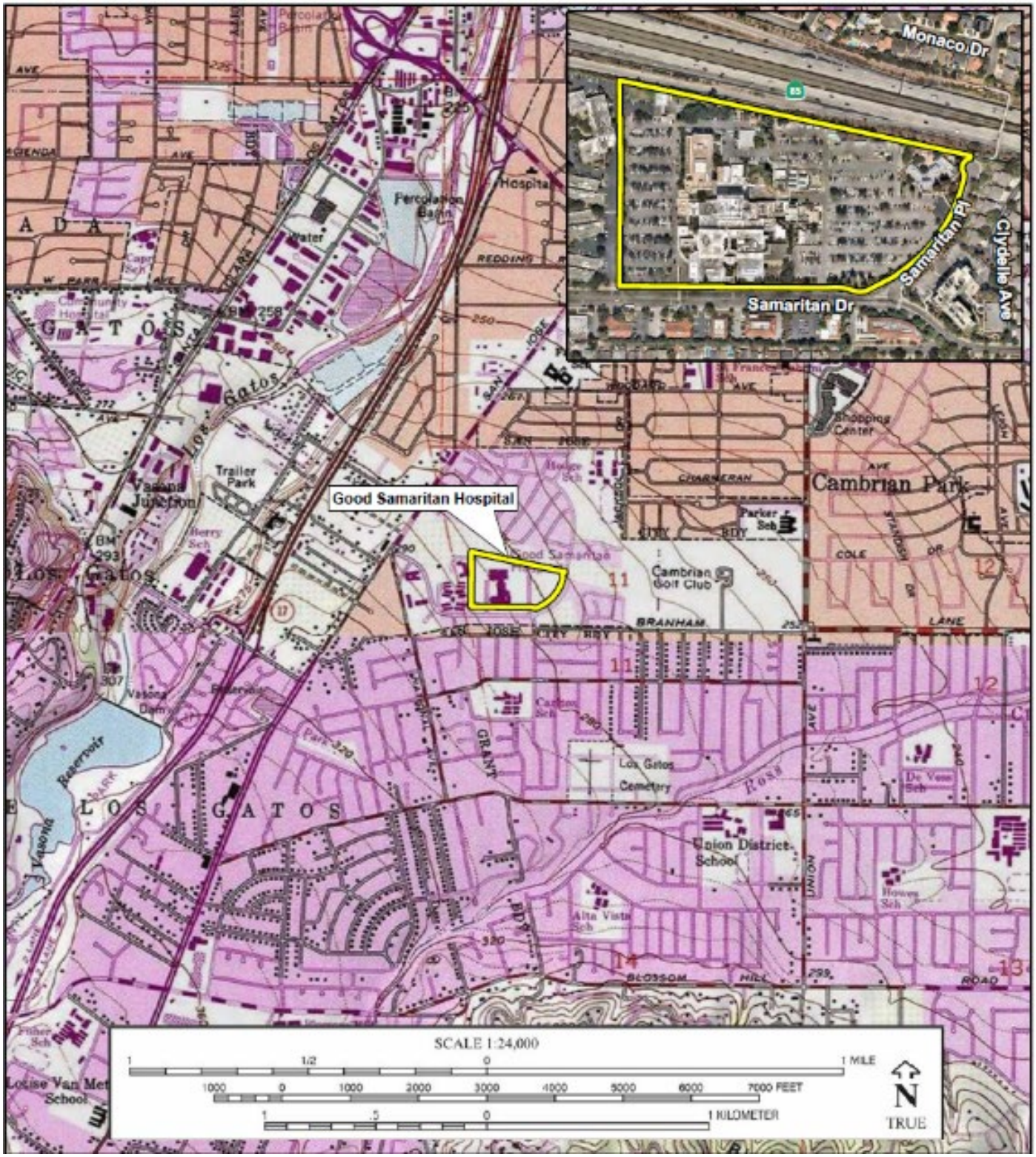


B13. Remarks: None

B14. Evaluator:
Michael Hibma, M.A.
LSA
157 Park Place
Point Richmond, California 94801

Date of Evaluation: 5/10/23

***Map Name(s):** USGS 7.5' topographic quadrangles: *San Jose West, Calif.*, and *Los Gatos, Calif.*
***Scale:** 1:24,000 ***Date of Map(s):** 1980



B10. Significance (continued)

HISTORICAL CONTEXT

The study area and vicinity have undergone many of the primary historic-period land uses of San José and Santa Clara County. These general historical trends are discussed below to provide context for the events that occurred in the resource area and its vicinity. The broad patterns of events that shaped the study area's land use history are described first below, followed by a description of local developments from the mid-19th through the early 20th centuries.

Exploration

Recorded Spanish activity in the Bay Area begins in 1769 with the Gaspar de Portolá Expedition. The subsequent years brought more expeditions that favorably noted the fresh water, adequate timber, and rich soils of the Bay Area. In 1777, a party of settlers from San Francisco led by Lieutenant Moraga set out for the Santa Clara Valley to establish, on the banks of the Guadalupe River, the first civic settlement (or *pueblo*) in California. Spain's colonization policy goals were to pacify native peoples, encourage settlement by those of European heritage, and preempt competing foreign claims to territory claimed by Spain. Implementing this policy utilized three institutions: missions, presidios, and pueblos designed to operate in an interdependent relationship to reinforce each other and secure the land for the Spanish Crown.

The land that would become *Pueblo de San José de Guadalupe* was granted on July 22, 1778, by Governor Felipe de Neve in the name of King Charles III under provisions of *the Recompilacion de Leyes de los Reynos de las Indias*, a four-volume codex of Spanish colonial law to standardize Spanish colonial town planning. Based loosely on ancient Roman military camp layouts, the regulations required arranging streets in a gridiron plan and spread out four blocks deep from a central square that in turn was fixed by the location of a church (Reps 1979, 35-38, 97-98, 103-108). Instead of four blocks, the codex called for the boundaries of a pueblo grant to be four leagues square of flat ground, one square league in each cardinal direction from a central plaza (Hall 1871:334; Munro-Fraser 1881:370).

Mexican Period

After Mexico declared independence in 1821, the republican ethos of the Mexican state favored secular growth over ecclesiastical and disbanded the mission system in 1834. This policy emancipated tens of thousands Native American neophytes from church custody and made available hundreds of thousands of acres then held in trust by the church for the Spanish Crown. California's Mexican governors liquidated church lands into land grant ranchos to populate the countryside with politically aligned citizens and assert Mexican sovereignty. As a result, the total number of ranchos in California doubled by 1844. During this time, political developments in central Mexico distracted the Mexican government. Consequently, the Spanish-speaking native-born Alta Californians, or Californios, enjoyed peace and a relatively high degree of political, social, and economic autonomy with minimal intrusion into their affairs by the Mexican state (Works Progress Administration 1939:47-50; Bancroft 1888 II:607-627; McWilliams 1973:38, Monroy 1990:123-132; Marschner 2000:4-6; Robinson 1948:29-31).

Gold Rush and Statehood

As more Anglo-Americans—mostly single young men from the United States—came to California, sympathies for joining the Union spread. The Mexican American War, the Treaty of Guadalupe Hidalgo, and the discovery of gold on the American River in January 1848, set in motion the Californios' loss of California (Laffey 1992:5). Following the Mexican American War, the United States annexed California in 1848 and occupied it via a military government. Statehood was granted as part of the Compromise of 1850, which settled, among other issues, a four-year political impasse in the United States Senate between free and slave-holding states regarding whether slavery could expand into territories won during the war (Greenburg 2012:266-267). California entered the Union as a free state and the hastily drafted and ratified California Constitution of 1849 specified relocation of the state capital from the former colonial and Mexican capital at Monterey to San José.

B10. Significance (continued)

Santa Clara County

During the latter half of the 19th century, there was a growing migration of Anglo-Americans into Santa Clara County, an influx accompanied by regional cultural and economic changes. Many miners failed to strike it rich and turned to agriculture, particularly livestock and grain dry farming (Vaught 2003:449). The county experienced its first economic boom during a dry farming grain bonanza during the 1860s and 1870s. Anglo-American culture expanded at the expense of the established Hispanic culture; farmsteads slowly began to populate the immense Mexican ranchos, while the cultivation of various crops replaced cattle ranching as the primary regional economic activity. Larger tracts of pasturage converted to irrigated, specialty crop agriculture, requiring a large labor force and prompting a wave of immigration. Increasing population density in the San Francisco Bay Area converted agricultural lands to small towns and settlements, typically sited along the Southern Pacific Railroad (SPRR) or Western Pacific Railroad (WPRR) lines.

Following the end of World War II, many defense industry workers, returning veterans who had trained in California and others from the eastern United States wanted to remain and enjoy the state's warm climate and plentiful jobs, spurring a 20-year-long construction boom. "As the fifth most populous state in 1940, California rose to be the second most populous by 1950 and the first most populous by 1963" (Transportation Research Board 2012:60). By 1970, the state's population doubled to nearly 20 million. Most new residents were mostly young people forming families, which in turn quadrupled the population of school-age children in the state (Self 2003:257). The pace of this demographic change transformed California. Then Governor Earl Warren characterized the influx of residents equal to creating "a whole new city of ten thousand people every Monday morning" (Weaver 1967:147). These general trends of economic expansion and increasing population have continued into the 21st century and generally characterize the development of Santa Clara County and San José to the present.

City of San José*

San José was founded on the banks of the Guadalupe River at what is now the corner of Hobson and Vendome streets, 6.75 miles northeast of Good Samaritan Hospital. The first courthouse in the region, an adobe known as the *juzgado*, was built in 1783; a second was built on higher ground 5 years later to avoid flooding. This building remained the seat of local government until 1850, when work began on the county courthouse that remains, though somewhat modified, a major presence on today's St. James Square. San José served briefly as California's first capital. However, the city was judged too damp, and the Legislature relocated first to Vallejo, then Benicia, and, finally to Sacramento in 1854.

In the years following the Civil War, the farming town continued to grow. During the 19th century, the Santa Clara Valley was famous for its orchards, fruit drying, and produce packing plants. The French prune, introduced to the region by Louis Pellier at his nursery, City Gardens, on St. James Street, became an important regional crop (Kyle 2002:438). Fruit production and processing was a mainstay of San José's economy until the 1960s. During the 1930s and 40s, when San José's population was approximately 70,000, between 20,000 and 25,000 men, women and children found seasonal employment in San José's more than two dozen fruit canneries. Cannery work was difficult, requiring laborers to stand for long hours performing repetitive tasks. The take-home pay at the canneries was higher than at many other occupations, which meant that, despite the difficult working conditions, many workers were willing to stay through the canning season.

* Note: unless cited, the section discussing San José is adapted from the *Downtown Strategy 2040 Integrated Final Environmental Impact Report*. David J. Powers, December 2018; page 99. Website, https://www.sanjoseca.gov/home/showpublisheddocument/44054/637082061948370000, accessed various.

B10. Significance (continued)

City of San José*

San José has always been known for being on the forefront of developments in electronics—and as the site of some notorious technical failures. In 1881, J.J. Owen, then-editor of the *San Jose Mercury*, convinced the City to install a 237-foot-tall light tower that would, he claimed, make night become day in downtown. The tower, straddling the intersection of Santa Clara and Market streets, failed to illuminate the city as claimed. The tower was severely damaged in a 1915 windstorm and collapsed later that year. In 1909, the city was the site of a more successful technical endeavor: Dr. Charles Herrold established the world's first radio broadcast station at the corner of First and San Fernando streets. The station, which later became KCBS, broadcasts today from San Francisco.

In the years following World War II, the Santa Clara Valley experienced tremendous growth. Electronics, aviation, and semiconductor companies opened offices and factories in "Silicon Valley," creating thousands of jobs for returning military personnel, defense workers, and their families. Between 1960 and 1990, according to an article in *BusinessWeek*, companies started in the South Bay by graduates of Stanford University created more than 250,000 jobs. These workers needed housing, and the valley's fruit orchards soon gave way to housing developments. San José transformed from a market town with an agricultural economic base to a business and residential community known for its high-technology companies.

Health Care in Santa Clara County*

After statehood in 1850 , the State capital moved from Monterey to San José and the population of the then-small pueblo swelled. Swift population growth soon led to sanitation problems. "There were epidemics of cholera, smallpox, diphtheria, and typhoid fever, among other diseases." Such a rapid rise in public heath challenges overwhelmed the capacity of existing medical care. The growing city needed a hospital to provide medical care for the sick and destitute, but funds were not available until 1855, when the County of Santa Clara (County) Board of Supervisors Health Committee appointed a County Physician and contacted medical services to private parties at a rate of $2.50 per patient per day. The need for services and a County hospital to provide them grew. In 1860, County Supervisors purchased 12 acres of land from Hiram Cahill on the-then western boundary of San José. The County enlarged the existing buildings and constructed a new "pest house" for patients suffering from acute contagious diseases (Sawyer 1922:193-194). In 1875, these buildings were relocated to a new, 114-acre site on South Bascom Avenue that now contains Valley Medical Center, 5 miles north of GSH. The County Hospital's brick buildings sustained considerable damage following the 1906 earthquake and a new, wood-framed hospital building was constructed the next year. However, the "specters of overcrowding and inadequate funding were constant companions of the hospital staff and Board of Supervisors throughout the hospital's history." The struggle to maintain adequate hospital capacity for a growing region in the post-war era was a constant occupation of the County Board of Supervisors. In 1960, a seven-story addition was built to the existing hospital and the facility was renamed Santa Clara Valley Medical Center.

Other notable medical facilities in the region included Agnews Development Center, a State hospital originally built in 1885 for mental asylum and later closed in 1997-98. The San José Hospital built in 1923 at 675 East Santa Clara Street (demolished in 2004) was at the time it opened "the only first class and strictly modern hospital between Santa Barbara and San Francisco" and later expanded to "accommodate the emerging middle class living the central [sic] San Jose that were excluded from the city, county, and state-run hospitals that served the poor and private hospitals that catered to the more affluent."

* Note: unless cited, this section is adapted *from County of Santa Clara Historic Context Statement*. Prepared in 2014 by Archives & Architecture and the County of Santa Clara Department of Planning and Development. Electronic copy available, https://stgenpln.blob.core.windows.net/document/HHP_201202_Historic_Context.pdf.

B10. Significance (continued)

As described above the post war period was a time of rapid population and economic growth in San José and the Santa Clara Valley. The *San Jose Historic Context Statement* described the "population of Santa Clara Valley experienced phenomenal growth after 1950. Correspondingly, the land area of the city spread from 17 square miles in 1950 to over 120 square miles in 1970" (City of San José 2023:91). In response to this explosion, a corresponding expansion of institutional infrastructure was needed to meet the demand for social and public services. Among the universe of needs was more capacity for health services. Existing hospitals were inadequate to meet the surge in needs. By 1965, seven additional hospitals were built and opened.

Good Samaritan Hospital

According to background research, construction of GSH began in 1963, finished in 1965, and the hospital was formally dedicated May 14, 1966. Until GSH was built, residents in western Santa Clara Valley communities of Los Gatos, Monte Sereno, Saratoga, Campbell, Cambrian Park, and development along the eastern flank of the Santa Cruz Mountains had few options for health care and emergency medical services. The push to build a hospital in this area began as early as 1947, as residents and community leaders recognized the rapidly increasing population of Santa Clara County and San José overwhelmed exiting medical facilities near the central core of San José (Beilharz and Demers 1980:190). An article in the September 13, 1965, edition of the *Los Gatos Times-Saratoga Observer* noted the "need for additional hospital facilities was apparent as long ago as 1950. The West Valley Hospital District was formed [for tax purposes], but twice voters turned down bond issues for a tax-supported hospital, and the district was dissolved in 1958" (*Los Gatos Times-Saratoga Observer*, September 13, 1965:5). However, the pressures of population growth led to an increased demand for medical facilities to serve the ill, injured, and indigent. These realities had, by 1960, prompted action to address a rapidly nearing "emergency situation with the hospital bed shortage become more acute each year" (*Los Gatos Times-Saratoga Observer* 4/19/1961:4).

In response, West Valley religious leaders and laypeople "joined forces to raise money for the proposed plant [i.e., hospital], to be called Good Samaritan Hospital" (*The Peninsula Times Tribune*, 3/4/1960:18). The organization and coordination of GSH was due in large part to local religious leaders and congregations. This influence is reflected in the namesake of GSH, a reference to the Parable of the Good Samaritan, a story in the Book of Luke of a Samaritan merchant traveling on the road between Jerusalem and Jericho who found a man robbed, beaten, and left for dead. The Samaritan took mercy on the stranger and secured the stranger medical care and lodging without expecting repayment. With respect to GSH, "[t]here was no quibbling of the name: Good Samaritan, with its implication of man's service to man was the obvious choice" (Beilharz and DeMers 1980:190). The group had to adopt a different approach via securing funds to construct a 200-bed, non-profit, general hospital. A new approach to raise funds from grants and donations received a significant boost by using funding available by the Hospital Survey and Construction Act, passed by Congress, and signed by President Truman in 1946. Known as Hill-Burton Act of 1946, this legislation provided federal matching grants to states to build new community hospitals (*Los Gatos Times-Saratoga Observer* 4/19/1961:4). As a result, the Hill-Burton Act "became a major influence in the expansion of the hospital industry. More than 4,000 projects to expand existing facilities or construct new ones were initiated within 20 years after its passage" (Sultz and Young 1999:86).

By April 1961, the State Bureau of Hospitals received an application from the GSH Board of Trustees for $3,120,570, one-half of the anticipated total amount of $6,241,140 to build the 200-bed hospital (*Los Gatos Times-Saratoga Observer* 4/19/1961:4). Later that year, the State Bureau of Hospitals approved the application and the total estimate to build a 225-bed hospital grew to $6,456,285 (*Los Gatos Times-Saratoga Observer* 10/20/1961). A year-long effort by GSH Trustees, churches, residents, and donations by local heads of industry, business, and corporations raised the funds to meet the matching grant. The State Bureau of Hospitals approved the financial plan for GSH on February 20, 1962, prompting "a sigh of relief among the campaign workers" *(Los Gatos Times-Saratoga Observer* 2/20/1962:1).

B10. Significance (continued)

Good Samaritan Hospital

The San Francisco-based architectural firm of Anshen and Allen was selected to design GSH and the San Francisco-based Rothschild and Weirick was the building contractor, which by late 1962 was envisioned as a facility to "open in 1965 with 225 beds. It will be a six-story structure with wings extending from the two sides to accommodate offices, chapel, radiology, pathology, surgery, emergency, and psychiatric units. Bed distribution will be surgical-medical, 130; maternity, 40; pediatrics, 30; psychiatric, 25. Eventually it will be expanded to include 450 beds" (*Los Gatos Times-Saratoga Observer* 12/6/1962:1). A scaled model of GSH was prepared and displayed in various local banks in San José. An article in the February 20, 1963, edition of the Los Gatos Times-Saratoga Observer noted the "main building of [GSH] will have eight floors-six for patients and two for service, including a basement. Facing the entrance, visitors will also see two wings, one containing the area or the chapel, and the psychiatric unit; the other ending in the emergency entrance" (*Los Gatos Times-Saratoga Observer* 2/20/1963:1). The Good Samaritan Nurses Association assisted in designing the functional layout and operations of GSH. They coordinated with architects and engineers to push for what was at the time innovations such as an "intercom system planned to facilitate communication between nurse and patient and a pneumatic [vacuum] tube to facilitate interdepartmental communication." In addition, GSH "would be completely air-conditioned" (*Los Gatos Times-Saratoga Observer* 3/14/1962:3).

With the plans and organizational framework in place, GSH Trustees and local officials broke ground on April 24, 1963, on an approximately 20-acre site on what was then called the San Jose-Los Gatos Road near National Avenue (*Los Gatos Times-Saratoga Observer* 4/25/1963). Interestingly, it is notable that expansion of GSH was anticipated as part of the original design vision, albeit this anticipated expansion was envisioned to occur vertically and not horizontally. An article in the June 12, 1962, edition of the Los Gatos Times-Saratoga Observer, noted that the Los Gatos Town Council approved "development of a 185-acre area located South Bascom and Union avenues as a future medical and business community" which would include a "proposed 12-story Good Samaritan Hospital" (*Los Gatos Times-Saratoga Observer*, June 12, 1962). A vision of a 12-story hospital tower was scaled back, likely to clear the fund erasing hurdles. Less than two years later the Los Gatos Times-Saratoga Observer article noted, "[p]lans for future expansion call for the addition of another four floors when population increase demands it" (*Los Gatos Times-Saratoga Observer*, 1/9/1964).

Hospital Chapel. The organization of GSH was due in large part to the efforts by the West Valley religious community. As part of their efforts to build a non-profit hospital, GSH was "devoted to the entire person – body, mind and spirit" (Bielharz and DeMers 1980:191). A chapel was part of the original design, albeit the funds to plan, design, and build the chapel had to be privately funded, as federal law prevented public money being used for religious uses. The funds were raised via donations from individuals, local churches, and local artists such as Helen Caswell, a local artist of some renown who "offered to donate portrait fees for the [GSH's] inter-denominational chapel-chaplaincy program" (*Los Gatos Times-Saratoga Observer* 6/11/1963). The chapel is a relatively small space set on the northern side of the tower and has a two full-height colored glass windows in an abstract design, set in concrete. The name(s) of the artists responsible for its design as not identified in background research. It is presumed that Anshen and Allen, in conjunction with local religious members, designed the window, the chapel interior, and the Chaplain's Office.

Phase II. GSH formally opened its doors on September 22, 1965. The original configuration was not to remain in place for long. A "Phase II" of GSH "called for additional fund raising and planning efforts that spanned the years 1968-1974. The expansion more than doubled Good Samaritan's original size, enabling the hospital to provide 395 patient beds and to increase the number of employees" (Beilharz and DeMers 1980:190). As originally envisioned GSH's Main Hospital Tower was "engineered for addition of several more floors" as the population of the West Valley continued to grow (*Los Gatos Times-Saratoga Observer*, 24 April 1968:1). However, demand for services soon set aside intended plans to expand via adding floors to the GSH Main Hospital. Instead, space for an additional 35 beds was found by re-organizing existing space and expanding outward as this was a "type of construction that can be completed within a year; additions to the tower unit, which contains permanent medical-surgical units, would take longer." Anshen and Allen were commissioned to design the addition (*Los Gatos Times-Saratoga Observer*, 6 August 1968:1).

B10. Significance (continued)

Good Samaritan Hospital

According to an article in the September 22, 1970, edition of the Los Gatos Times-Saratoga Observer celebrating GSH's fifth year anniversary, it was noted that expansion of GSH would take place in the 1970s, "Instead, the hospital was in its third year when it became obvious that additional space was needed. Early this year [1970], 40 beds were added with the construction of the West Pavilion and with re-arrangement of space in the pediatrics department." The article went on to state the proposed expansion would cost $8.8 million and "will wrap around the tower on first, second, and third floor levels" (*Los Gatos Times-Saratoga Observer* 22 September 1970:2). A groundbreaking ceremony on the $9½ million Phase Two addition" took place June 15, 1971 (*Los Gatos Times-Saratoga Observer* 15 June 1971:4).

1980s – Today. By 1980, GSH had a full-time staff of 1,200. By the mid-2000s, GSH had expanded to nearly quadruple its original size. Background research revealed that, by 2003, the modern East Entrance to GSH's Pre-Surgical Admitting/Endoscopy and Surgery Waiting areas was in place along with a landscaped areas and access stairs leading to below ground floors. Beginning in July 2003, two single-story wings resting on square building footprints north of the GSH's Main Hospital Tower and Building were demolished and construction of the modern, four-story Women and Children's Services wing began and completed by November 2004 on the hospital's north and west-facing façades.

In 2017–2018, GSH renovated and expanded its Emergency Department to "double the Department's current square footage and [. . .] provide for faster patient diagnosis and treatment" (GSH 2017). The $30 million expansion renovated the interior and exterior providing a "new exterior walk-in entry and drop-off canopy for incoming patients, the expanded Emergency Department includes a new ambulance drop-off canopy and five ambulance parking spaces" (GSH 2017). The renovated ER and hospital signage altered the far-left side (western) portion of the main, street-facing façade, and the entrance off Samaritan Drive, the primary access point for arriving non-surgical patients and visitors. Concurrently, GSH undertook a separate, $14 million renovation of a portion of the Women's & Children's Services area as well as a project to renovate the Main Entrance arrival area and lobby (GSH 2023). While completed to provide additional services and accommodate and implement modern medical and technological advances, these renovations, when taken together, significantly altered GSH's primary and secondary façades.

Today, GSH is a 404-bed acute care hospital providing "emergency care, anesthesia and pain management, cancer care, cardiology, children's services, emergency care, general surgery, rehabilitation, robotic surgery, women's services, and wound care. Hospital facilities also include a birthing center, breast care center, a comprehensive stroke center, heart rhythm center, and joint replacement center. GSH is a certified Comprehensive Stroke Center, STEMI Receiving Center, accredited Chest Pain Center, and a certified [Atrial Fibrillation] Center" (Town of Los Gatos 2022:6-25).

ARCHITECTURAL CONTEXT

Architecture in and around GSH site follows trends elsewhere in mid- to late-20th century California. This section provides an overview of the major architectural trends represented by these resources.

International/Modernist.

The International or Modernist style has its roots in the rise of industrial manufacturing during the late-19th century. Architects who favored this style focused on open floor plans and challenged traditional concepts of building layouts and massing. They sought to move away from decorative elements that referenced historical designs and motifs, and toward designs that emphasized a building's function. During this period of intense American industrial and commercial growth, a new form of building was needed to house workers in the increasingly dense and expensive downtown commercial core areas. Expanding horizontally was not a viable or affordable option, so the obvious solution was to expand vertically. Two practical innovations made this possible: steel-framed superstructure and elevators (Kunstler 1993:65; Brechin 2006:67-70).

B10. Significance (continued)

ARCHITECTURAL CONTEXT

These support and communications systems were readily adapted to above ground uses. For architects, the boxed steel frame used in buildings no longer made the use of heavy timbers, stone, or brick necessary. Several architects, such as Louis Sullivan, seized on this new method and mocked the continued use of stone and/or wood by architects as obsolete. The outer wall now became a veneer, and could be clad with metal, glass, porcelain, or tiles (Kunstler 1993:65).

Modernist style buildings also represent a large range of designs, from simple, functional ranch residences to high-concept public facilities. During the early decades of the 20th century, architects gradually embraced the machine age, prompting a turn toward a sleeker, more refined appearance. Modern buildings also encompass several subtypes, including Prairie, Craftsman, and Brutalist designs. The advent of the Modern style was dependent on advances in building material technology, as the availability of steel and concrete encouraged 20th century architects to move away from traditional forms by removing their dependence on walls as load-bearing necessities.

Early-20th century architects gradually embraced a minimally decorated façade and began to strip historically sourced symbols and motifs from their commercial buildings. The embrace of the machine age favored a sleeker, more refined appearance. While some architects created eclectic interpretations of traditional design and forms, other architects disregarded such influences as archaic. The World War I experience further disillusioned many architects and artists who regarded traditional forms as representations of "a failed social and political structure" (Wiseman 2000:149).

Following the October 1929 crash of the New York Stock Exchange and the ensuing Great Depression, designers stripped away Art Deco's rich materials and jazzy ornamentation to emphasize a sense of smooth motion via clean lines that, according to Professor Morris Dickstein, conveyed "the very qualities of speed, motion, and forward energy that are built into the streamlining of Deco" (Dickstein 2009:436). Streamlining was a design concept that reflected the hope held by many that science and technology would rejuvenate the economy. Applying a streamlined, aerodynamic approach to machines such as automobiles, train locomotives, and ships reflected the need for increased speed and efficiency (Gelernter 1999:248-250).

When applied to architecture, this design aesthetic was known as Streamline Moderne. Finding a broader and wider exposure in commercial and industrial applications, this new image replaced Art Deco as the signature modern design, and "both served in tandem with the New Deal, to get people moving again, to lift sagging morale and stimulate optimism about the future" (Dickstein 2009:437). Although shorn of most decorative elements and historical references, the subdued and streamlined Moderne architecture of the 1930s set the stage for the rapid adoption and expansion of Modern architecture in the United States following World War II (Longstreth 2000:126-127; Gelernter 1999:226-227, 250-251).

The 1930s set the stage for the International-styled design of European architects Walter Gropius, Mies van der Rohe, and Le Corbusier. These and other architects applied the basic principles of Deidesheimer's Square to create a building that required no load bearing exterior walls. Sheets of glass or metal panels replaced bricks, stone, and concrete. This found widespread favor as reflective of post-war American society's optimism and prosperity. It soon spread to all major cities and outlying areas (Gelernter 1999:262-263). International-styled buildings were economical to build and easily replicated, as their uncomplicated design did without elaborate ornamentation, qualities that appealed to businesses (Wiseman 2000:149).

The general character-defining features of the International/Modernist style are: square or rectangular footprint; flat or very low- pitched roof; subdued color schemes; minimal amount of façade ornamentation to draw attention of passersby to the inside; simple cubic "extruded rectangle" massing; windows running in broken horizontal or vertical rows forming a grid; façade angles at 90 degrees; and materials are steel, formed concrete, chrome, or plated surfaces (Gelernter 1999:248-249; McAlester 2013:616-627

B10. Significance (continued)

ARCHITECTURAL CONTEXT

Brutalism

A later off-shoot of International/Modernist architectural aesthetic, brutalist buildings while massive and imposing represent a relatively short-lived application of reinforced concrete as an expressive medium. The style's exact origins are not clear. Some argue the style originated with English architects Allen and Peter Smithson in 1953 while French architect Le Corbusier experimented with it during the 1940s and 1950s. What is clear is that Brutalism is an offshoot of the larger encompassing development of Modernism during the post-WW II period (Past Consultants 2009:85; Brown 2011:201; Gelernter 1999:265; Gowans 1993:303-304).

Brutalism is derived from the French "*beton brut*" or raw concrete and describes the use of it as the defining characteristic in its crudest, rawest, most unadorned form. Brutalist buildings can use large expanses of glass; however typically deeply recessed, creating deep shadows generating reverse voids contrasting with the exposed concrete panels and cubic massing. The ability of wet concrete to fill any form creates the possibility for a wide variety of shapes and forms, though repetitive angled geometries predominate to reinforce the unadorned aspect of the style (Gelernter 1999:277).

Concrete is poured on-site and left unfinished, revealing the texture and grain of wood forms or aggregate base thereby creating visual texture. Brutalist designs could use narrow, vertical ribs closely arranged as a finished surface creating a changing visual texture as sunlight and shadow wax and wane during the day. These ribs are themselves brutalized further by intentional breaking, chipping, or otherwise deforming the ribs creating a jagged and uneven surface, giving the impression of advanced weathering, and ageing the building.

Brutalist buildings can embody the distinctive characteristics and high artistic values of a short-lived method of construction and design. Brutalism's rawness and unadorned qualities is a direct rebuke of the machine-like precision of the glass-clad steel-framed towers of Mies van der Rohe and other International architects. As an inexpensive building material, concrete implies solidity and a sense of permanence. As such it was employed widely around the world in large-scale building projects during the 1950-1970s. While concrete is a character-defining feature of Brutalist architecture, raw concrete "might refer to the archaic in one case, to stark urban reality in another, to natural erosion in the third" (Curtis 1996:550).

Brutalism was popular for large, institutional applications, such as universities, municipal buildings, libraries, and others. Brutalist architecture could also allow for a building's interior elements such as plumbing, electrical, and climate control to be turned inside out as exemplified by Wurster Hall, at UC Berkeley. Several examples of Bay Area Brutalism are the Woo Hon Fai Hall in Berkeley, the Oakland Museum of California in Oakland, the Leo J. Ryan Federal Records Center in San Bruno, the Student Union Building at San José State University, the John Portman's Embarcadero Center, and the Hyatt Regency Hotel both in San Francisco. Other notable examples within California and the United Staes are the Salk Institute and the Geisel Library at UC San Diego, both in in La Jolla, Boston City Hall in Boston, Massachusetts, and the J. Edgar Hoover FBI Building in Washington D.C.

The general character-defining features of the Brutalism style are square or rectangular cubist footprint; rough, unadorned poured concrete construction; flat roofs; heavy, cubic massing with right angled façades; wood grain imprints from concrete forms; deliberately chipped or blemished surface to create visual texture; recessed windows and deeply shadowed irregular openings; and repeating geometric patterns (Brown 2011:201-203; Walker 1996:268-269; Past Consultants 2009:86).

B10. Significance (continued)

ARCHITECTURAL CONTEXT

William Allen, A.I.A. According to online information available at the American Institute of Architects (AIA), William Stephen "Steve" Allen was born July 15, 1912, in Neptune Township New Jersey. He attended the University of Pennsylvania, graduating in 1935 with a bachelor's degree in architecture. He remained a student at U. Penn and graduated the next year with a master's degree in architecture. After graduation, he went abroad traveling through Germany, Italy, and Japan "with his schoolmate and future partner, Robert Anshen" (American Institute of Architects 1962: 10, 17; San Francisco Planning Department 2011:209). After returning to United States and nearly broke Allen and Anshen ended up in San Francisco during the Great Depression. Allen soon found work a designer for Masten & Hurd as well as Blanchard & Maher. While engaged in design work, Allen and Anshen formed a partnership in 1940 which they would operate until 1964, when Robert Anshen passed away. William Allen continued as Senior partner until 1972 when he retired. He passed away in 1989. In 2010, the design and consulting company Stantec acquired Anshen & Allen (Online Archive of California 2023).

Robert Anshen, A.I.A. According to the AIA's *American Architects Directory* for 1962, Robert Anshen was born January 29, 1910, in Revere, Massachusetts. Like William Allen, Robert Anshen graduated from the University of Pennsylvania's undergraduate and graduate architecture schools in 1936 where he formed a lifelong friendship and later San Francisco-based architectural partnership with Allen. After partnering with Allen in 1940, Anshen served as "the face of the business" Their big break came in 1940 when the "two won over Standard Oil Vice President Ralph K. Davies […] when he was searching for architects to design a Tudor mansion for him in [the unincorporated San Mateo community of] Woodside" (American Institute of Architects 1962: 17; San Francisco Planning Department 2011:209).

Winning the Woodside commission proved "a job that put [Anshen and Allen] on the map and that led to most of the jobs that followed" (Eichler Network 2021). Robert Anshen was a member of the Northern Californian Chapter of the American Institute of Architect s (AIA) beginning in 1946, served as a Lecturer in Design at the University of California, Berkeley from 1952-1953, a juror in architectural design competitions, wrote a monthly column on architecture for the *San Francisco Examiner* in 1962, and was highly regarded among the architectural and design professional community and was a. Robert Anshen passed away in 1964 (Pacific Coast Architecture Database 2023).

***Selected Portfolio*.** From its founding and through the 1960s, Anshen and Allen maintained their offices in the Jeweler's Manufacturing Building built 1907 at 461 Bush Street (extant, contributing element to the Kearny-Market-Mason-Sutter Conservation District and a historical resource for the purposes of CEQA). Anshen and Allen, both members of the American Institute of Architects, operated as a partnership until 1964 when Robert Anshen no longer was a partner and William Allen retired in 1972. During their operation, "doing primarily residential designs; its work, over 3,000 houses by 1962", the firm won prestigious awards for their architectural designs and generally regarded as a top-tier architectural design firm (Pacific Coast Architectural Database 2023; AIA 1962). In 2010, the firm was absorbed as a subsidiary of Stantec, an international consulting firm based in Edmonton, Alberta Province, Canada.

Information reviewed indicates that, along with the Good Samaritan Hospital, the firm of Anshen and Allen are credited with designing many buildings, the following are several in the wider San Francisco Bay Area, California, and the western United States that are contemporary with GSH: **1950**, various Eichler Homes Developments San Francisco Bay Area; **1956**, Chapel of the Holy Cross, Sedona, Arizona; **1957**, Quarry Visitor Center, Dinosaur National Monument, Utah (razed); **1961**, 601 California Street, San Francisco; **1963**, Latimer Hall, University of California, Berkeley; **1964**, Central United Methodist Church, Stockton, California; **1966,** Samuel Silver Space Sciences Laboratory, University of California, Berkeley; **1966**, Hildebrand Hall, University of California, Berkeley; **1967**, Bank of California Building, San Francisco; **1968**, Lawrence Hall of Science, University of California, Berkeley; **1969**, Bank of California Tower (now Union Bank Tower), Portland, Oregon (Wikipedia 2023).

B10. Significance (continued)

ELIGIBILITY EVALUATION

The following section presents an evaluation to assess whether the Good Samaritan Hospital (GSH) is eligible for inclusion in the California Register of Historical Resources (CRHR) or for local designation, thereby qualifying as a historical resource for the purposes of the California Environmental Quality Act.

Application of CRHR Criteria – Good Samaritan Hospital

CRHR Criterion 1: Is it associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage?

Research indicates that the portion of GSH evaluated here is associated with the growth of San José in the mid- to late-20th century, as it relates to increasing the overall level of medical care in San José in general, and those communities in the West Santa Cara Valley specifically. Organization for a hospital in this area began shortly after the end of World War II as the population quickly expanded soon overwhelming San José's then existing medical care infrastructure. Due to tireless efforts to organize and raise funds, GSH was built. The portion of GSH of sufficient age to warrant evaluation here consists of the original seven-story tower, and adjacent wings dating to the original period of construction of 1962-1965 designed by San Francisco-based Anshen and Allen. The other built environment elements within the approximately 20-acre site range from 18 to 33 years of age and have not reached sufficient age to provide sufficient scholarly perspective warrant evaluation for eligibility and were not addressed in this evaluation.

GSH was designed and built to operate as a general hospital. The facility was initially designed for subsequent expansion in anticipation of continued regional population growth and with it, an increased need for medical services. However, such expansion was envisioned to be vertical, i.e., additional floors (up to 12) for the Main Tower, rather than horizontal expansion, as research and field survey indicated occurred. Good Samaritan Hospital is among several hospitals and medical facilities in San José and Santa Clara County associated with this period of growth in San José, Santa Clara County, and California. Background research indicates this facility continues to serve as a hub to support a variety of secondary and tertiary specialty clinics, offices, and related medical services in the vicinity. Accordingly, GSH possesses specific, important associations with the context of San José's late-20th century growth, an event that made a significant contribution to the broad patterns of the history of San José, Santa Clara County, and the West Valley.

For these reasons, LSA concludes that the Good Samaritan Hospital evaluated in this study appears individually eligible under CRHR Criterion 1.

CRHR Criterion 2: Is it associated with the lives of persons important in our past?

The portion of GSH evaluated here was created to address a pressing and growing deficiency in level of medical care in the western portion of Santa Clara County in the aftermath of World War II. Background research did not identify individuals whose lives are important in our past. Individuals who practiced medicine at GSH or their associative or supporting professions (e.g., members of the GSH Trustees or Boards of Directors, administrative staff, religious, or other professionals, etc.) would not have lived at GSH, as these buildings were used for medical care and treatment.

Accordingly, such potential associations with GSH primarily served to serve the hospital's mission to treat disease and provide medical care via a non-profit organization, an arrangement common historically and in modern times. Background research did not identify an association with GSH and medical doctors or other specialists with a pioneering medical procedure or course of treatment. Accordingly, GSH does not appear associated with the lives of individuals important to the history of medical practice in California or in the San Francisco Bay Area, or individuals important in the wider history of San José, Santa Clara County, or California.

For these reasons, LSA concludes that the Good Samaritan Hospital evaluated in this study does not appear significant under CRHR Criterion 2.

B10. Significance (continued)

ELIGIBILITY EVALUATION; Application of CRHR Criteria – Good Samaritan Hospital (Continued)

CRHR Criterion 3: Does it embody the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values?

The GSH evaluated in this study is a representative examples of a general Brutalist-influenced institutional building type associated with mid- to late-20th century development in San José, Santa Clara County, and California. Associated with the larger trend of International/Modernist, architecture, Brutalism was more severe in appearance, used raw exposed concrete, and included few, if any, historicist elements. A review of popular architectural guides of the Bay Area and a database of West Coast-based architect biographies did not indicate that GSH's built environment evaluated in this study is notable for its architectural or design qualities or as an important example of an architectural aesthetic. The portion of GSH evaluated in this study shows evidence of extensive modification, which is common to these building types that were subsequently modified to meet the needs of a growing population, or make use of new technologies and practices, equipment upgrades, or repair damage.

GSH was designed in 1963–1965 by Anshen and Allen, a prolific San Francisco-based architectural firm. Background research indicates that Anshen and Allen designed a series of subsequent alterations up to 1980. Background research did not link GSH with Anshen and Allen's copious portfolio describing it as a notable example of their work in notable architectural publications, indicating that the building was not known for its architectural or design qualities, although Anshen and Allen are widely considered notable or important architects within the architectural and professional design community. Although the building has aspects that exemplify Brutalist architecture, a well-represented style in the existing building stock of the Bay Area. Better and more expressive examples of Bay Area Brutalism are the Woo Hon Fai Hall in Berkeley, the Oakland Museum of California in Oakland, the Leo J. Ryan Federal Records Center in San Bruno, the Student Union Building at San José State University, the John Portman's Embarcadero Center, and the Hyatt Regency Hotel both in San Francisco. As described above better, more representative examples of Anshen and Allen's work can be found in the San Francisco Bay Area, California, and the western United States.

Nevertheless, LSA concludes that the portion of Good Samaritan Hospital evaluated here appears significant under CRHR Criterion 3.

CRHR Criterion 4: Has it yielded, or may it be likely to yield, information important in prehistory or history?

This criterion provides the means to evaluate the potential for archaeological deposits to contain information important in San José's historic-period and precontact past. Its application to architecture and the built environment is less common in eligibility evaluations due to modern written sources, plans, and other forms of technical analysis. Information about GSH's general Brutalist International/Modernist-influenced utilitarian architectural aesthetic and construction methods, as represented by the portion of the approximately 20-acre parcel containing Good Samaritan Hospital's built environment evaluated here, can be obtained from widely available sources on the Brutalist architectural style. The portion of Good Samaritan Hospital evaluated here is unlikely to yield information important to the history of medical care in the United States, or the City of San José, Santa Clara County, or California.

For these reasons, LSA concludes that the portion of Good Samaritan Hospital evaluated here does not appear significant under CRHR Criterion 4.

CRHR Special Criteria Consideration 2: Historical Resources Achieving Significance within the past Fifty Years.

According to the Office of Historic Preservation, "[i]n order to understand the historic importance of a resource, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the resource. A resource less than fifty years old may be considered for listing in the California Register if it can be demonstrated that sufficient time has passed to understand its historical importance" (OHP 2006:3).

B10. Significance (continued)

A resource less than fifty years old may be considered for listing if it can be demonstrated that sufficient time has passed to obtain a scholarly perspective on the events or individuals associated with the resource to properly understand its historical importance. While GSH is more than fifty years old, this consideration is sometimes also applied to association with events and persons that took place in the more recent past at older properties.

To assess the potential for GSH to be eligible for association with important events or lives of important period within the recent past, LSA reviewed official guidance as well as sources that may reveal associative significance with GSH and important events or persons in the recent past.

By design, hospitals are associated with important milestone events in the lives of individuals and communities. Hospitals are places where the origins of individuals, treatment of disease or injury, recovery, as well as the end of life occur. Good Samaritan Hospital accrued significance with these types of important events since opening in 1965 and continues through to today. These events, while of momentous importance in the lives of those who live in the geographical region surrounding GSH as well as those who are present due to circumstance, are associative qualities inherent to hospitals everywhere. According to NPS guidance, associations with birthplaces are not sufficient to warrant eligibility.

A given resource "cannot be simply the birthplace or grave of a person significant in our past" (NPS 1997:32). However, potential eligibility for a birthplace can emerge if other potential sites or resources "strongly associated with a person of outstanding importance has lost all other properties directly associated with his or her formative years or productive life" (ibid). LSA reviewed GSH's website and other online information for potential associations linking GSH with innovative medical practices and techniques or individuals important in the context of medical history. A review of GSH's website, the American Medical Association, and the Nobel Prize in Medicine did not identify or link GSH with any notable or significant medical advancements in the field or practice of medicine.

Based on this review, the GSH website notes, "The hospital continued to expand through the 1980s with advancing services, including pioneering work in cardiovascular medicine and surgery; family-centered birthing facilities; oncology services taking advantage of new medical, surgical, and radiological advances; and additional behavioral health facilities." In addition, by "the 1990s, the hospital became a national leader in stroke services, the highest level of neonatal intensive care services, as well as high-risk pregnancies." In 2016 GSH was awarded certification "from the Joint Commission for Hip and Knee Joint Replacement Programs" (GSH 2023).

Lastly, GSH "is only one of ten hospitals to be award four consecutive times with the Outstanding Achievement Award from the American College of Surgeons Commission on Cancer" (GSH 2016). However, in each case, specific medical doctors, specialists, or personnel were not identified to associate GSH with significant or notable medical professionals in the recent past. A review of American Medical Association (AMA) awards lists or via a simple institutional search, or via review of Nobel Prizes in Medicine did not identify GSH (AMA 2023; Nobleprize.org 2023). Based on this review, although GSH remains important in providing medical care in the West Valley, it has not accrued a higher associative stature for notable events or individuals in the recent past.

For these reasons, LSA concludes that Good Samaritan Hospital evaluated in this study does not appear significant under CRHR Special Criterion Consideration 2 for achieving significance within the past fifty years.

Note: *While GSH is clearly over fifty years old, LSA assessed the potential for GSH's eligibility under Special Criterion Consideration 2 criterion to provide a robust analysis to account for potential association(s) of GSH with events or persons important in the recent past.*

B10. Significance (continued)

Application of City of San José Evaluative Criteria – Good Samaritan Hospital

The section below provides a discussion of the Good Samaritan Hospital's eligibility for listing in the San José Historic Resources Inventory as a Candidate City Landmark. The City of San José utilizes the City Landmark eligibility criteria in Section 13.48.110(H) of the San José Municipal Code (as described above in section 2.3.1) to determine whether based on substantial evidence a project involves a historical resource on the local level under CEQA.

1) *San José Municipal Code Section 13.48.110(H) Its character, interest, or value as part of the local, regional, state or national history, heritage or culture.*

Good Samaritan Hospital is among several hospitals and medical facilities in San José and Santa Clara County associated with post war growth in San José, Santa Clara County, and California. Background research indicates this facility continues to serve as a hub to support a variety of secondary and tertiary specialty clinics, offices, and related medical services nearby. Accordingly, GSH possesses specific, important associations with the context of San José's late-20th century growth, an event that made a significant contribution to the broad patterns of the history of San José, Santa Clara County, and the West Valley. For these reasons, LSA concludes that the portion of Good Samaritan Hospital (GSH) evaluated in this study appears significant under criterion 1. However, as discussed in the Integrity Assessment below the Good Samaritan Hospital no longer retains sufficient integrity to convey this association.

2) *Its location as a site of a significant historic event.*

The GSH evaluated in this study was the result of local organization efforts that began shortly after World War II. The hospital was sited to also serve the adjacent community of Los Gatos as well as in anticipation of further residential and commercial growth into the West Valley. Background research and field survey does not indicate the siting and construction of GSH constitutes an event that reveals a higher associative stature for other hospitals whose development was the result of a similar pattern of community organization, fund raising, and construction. Coupled with the analyses described above, background research did not indicate that GSH was the location that contained within it a significant event. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 2.

3) *Its identification with a person or persons who significantly contributed to the local, regional, state or national culture and history.*

The GSH evaluated in this study was created to address the growing deficiency in medical care in the West Valley after World War II. Individuals who practiced medicine at GSH or their associative or supporting professions (e.g., members of the GSH Trustees or Boards of Directors, administrative staff, religious, or other professionals, etc.) would not have lived within the project site, as these buildings were used for medical care and treatment. Accordingly, such potential associations with the project site primarily existed to serve the hospital's mission to treat disease and provide medical care via a nonprofit organization, an arrangement not uncommon historically and in modern times. Background research did not identify an association with GSH and medical doctors or other specialists with a pioneering medical procedure or course of treatment. Accordingly, GSH does not appear associated with the lives of individuals important to the history of medical practice in California or the United States, or individuals important in the wider history of San José. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 3.

4) *Its exemplification of the cultural, economic, social or historic heritage of the City of San José.*

As stated above in sections 4.5.2.1 and 4.5.2.2, GSH was built and put into operation to address a pressing need for medical care facility resulting from a rapid population growth in San José and western Santa Clara Valley in the decades after World War II. This event is one of several similar examples of medical facilities being constructed to address this demographic change in San José and statewide. Background research did not indicate Good Samaritan Hospital was the first such resource associated with this important context and does not possess higher associative stature under this criterion. For these reasons, LSA concludes that the portion of GSH evaluated in this study does not appear significant under criterion 4.

B10. Significance (continued)

Application of City of San José Evaluative Criteria – Good Samaritan Hospital (continued)

5) *Its portrayal of the environment of a group of people in an era of history characterized by a distinctive architectural style.*

Background research indicates that GSH was designed using the then-popular architectural aesthetic of Brutalist interpretation of Internationalist/Modernist architectural style which followed trends elsewhere in mid- to late-20th century California for similar institutional buildings. GSH does not appear to have been designed to appeal or otherwise incorporate architectural design cues, massing, or ornamentation in a way to reflect the architectural traditions of a distinct group of people in any era of history within San José, the Santa Clara Valley, or California. For these reasons, LSA concludes that the portion of GSH evaluated here does not appear significant under criterion 5.

6) *Its embodiment of distinguishing characteristics of an architectural type or specimen*.

The GSH evaluated here is a representative examples of a general Brutalist-influenced institutional building type associated with mid- to late-20th century development in San José, Santa Clara County, and California. Associated with the larger trend of International/Modernist, architecture, Brutalism was more severe in appearance, used raw exposed concrete, and included few, if any, historicist elements. A review of popular architectural guidebooks of the Bay Area and a database of West Coast-based architect biographies did not indicate that GSH's built environment evaluated here is notable for its architectural or design qualities or as an important example of an architectural aesthetic. The portion of GSH evaluated here shows evidence of extensive modification, which is common to these building types that were subsequently modified to meet the needs of a growing population, or make use of new technologies and practices, equipment upgrades, or repair damage. Although the portion of GSH evaluated here has aspects that exemplify Brutalist architecture, a well-represented style in the existing building stock of the Bay Area. Better and more expressive examples of Bay Area Brutalism are the Woo Hon Fai Hall in Berkeley, the Oakland Museum of California in Oakland, the Leo J. Ryan Federal Records Center in San Bruno, the Student Union Building at San José State University, the Embarcadero Center in San Francisco, and the Hyatt Regency Hotel both in San Francisco. Nevertheless, LSA concludes that the portion of Good Samaritan Hospital evaluated here appears significant under criterion 6. However, as discussed in the Integrity Assessment below the Good Samaritan Hospital no longer retains sufficient integrity to convey this association.

7) *Its identification as the work of an architect or master builder whose individual work has influenced the development of the City of San José*.

GSH was designed in 1963–1965 by Anshen and Allen, a prolific San Francisco-based architectural firm. Background research indicates that Anshen and Allen also designed a series of subsequent alterations up to 1980. Background research did not link GSH with Anshen and Allen's copious portfolio describing it as a notable example of their work in notable architectural publications, indicating that the building was not known for its architectural or design qualities, although Anshen and Allen are widely considered notable or important architects within the architectural and professional design community. As described above better, more representative examples of Anshen and Allen's work can be found in the San Francisco Bay Area, California, and the western United States. For these reasons, LSA concludes that the portion of GSH evaluated here does not appear significant under criterion 7.

8) *Its embodiment of elements of architectural or engineering design, detail, materials or craftsmanship which represents a significant architectural innovation or which is unique*.

The GSH evaluated here is a representative example of a general Brutalist-influenced institutional building type associated with mid- to late-20th century development in San José, Santa Clara County, and California. It uses materials and construction techniques common to that era, and it possesses few distinguishing or distinctive elements; the building typology that resulted from this architectural trend has been thoroughly documented through published architectural history books, websites, and local field guides that are widely available. Further study of GSH will not result in new information about construction techniques or the Modern/Brutalist architectural style. For these reasons, LSA concludes that the portion of GSH evaluated here does not appear significant under criterion 8.

B10. Significance (continued)

Integrity Assessment. In addition to being significant under one or more criteria, a resource must retain enough of its historic character and appearance to be recognizable as an historical resource and retain integrity, which is defined as the ability of a resource to convey the reasons for its significance. There are seven aspects of integrity used to measure a property's ability to convey its significance: ***location***, ***design***, ***setting***, ***materials***, ***workmanship***, ***feeling***, and ***association*** (National Park Service 1997:45). The evaluation of integrity must be grounded in an understanding of a resource's physical features and its environment, and how these relate to its significance. A property's integrity is assessed only after its significance is established. Per the City Landmark eligibility assessment above, the GSH Main Hospital Building appears individually significant under City Landmark criterion 1 and criterion 6 for associations with significant events and for its associations with Brutalist architecture. Therefore, the Good Samaritan Hospital Building is potentially individually eligible for listing in the San José Historic Resources Inventory as a Candidate City Landmark; therefore, its historic integrity was assessed

GSH Main Hospital Building

Location: The GSH Main Hospital Building at 2425 Samaritan Drive has not been moved and retains integrity of location.

Design, Materials and Workmanship: Soon after the hospital opened in 1965, a "Phase II" construction program was underway to increase the number of hospital beds. As discussed above, this expansion more than doubled Good Samaritan's original size, enabling the hospital to provide 395 patient beds and to increase the number of employees" (Beilharz and DeMers 1980:190). By 1980, GSH had a full-time staff of 1,200. By the mid-2000s, GSH had expanded to nearly double its original size. Background research revealed that by 2003, the modern East Entrance to GSH's Pre-Surgical Admitting/Endoscopy and Surgery Waiting areas was in place along with a landscaped areas and access stairs leading to below ground floors. Beginning in July 2003, two single-story wings resting on square building footprints north of the GSH's Main Hospital Building were demolished and construction of the modern four-story Women and Children's Services wing began and was completed by November 2004. In 2018, GSH renovated and remodeled the Emergency Room, the hospital's Main Entrance and Lobby area, and additional alterations to the Women and Children's Services wing as part of a $50 million project.

Accordingly, except for the central six-story central tower and the remaining elements of the original single-story adjacent wings, the hospital appears radically different than when it opened 58 years ago. The portions of the hospital that reflect this subsequent growth reflect a range of architectural styles, with each newer addition moving further away from Anshen and Allen's original Brutalist aesthetic. There may have been practical reasons for this. GSH's purpose is to provide medical care and services and not remain an intact specimen of Brutalist architecture. Nevertheless, these alterations when taken together, have changed the hospital's primary elements that composed its original symmetrical façade, wall cladding, roof forms, massing, and footprint, which conveyed its ability to be a representative example of Brutalist architectural style as applied to a hospital or other similar institutional property type. Therefore, the GSH Main Hospital Building does not retain sufficient integrity of design, materials, or workmanship.

Setting and Feeling: The GSH Main Hospital Building no longer retains sufficient integrity of setting or feeling due to subsequent removal of adjacent orchards and agricultural land use patterns in this area when the hospital was under construction, the growth of residential tract subdivisions, as well as the construction of State Route 85 north of and adjacent to GSH.

Association: The Main Hospital Building retains integrity of association as a regional medical facility.

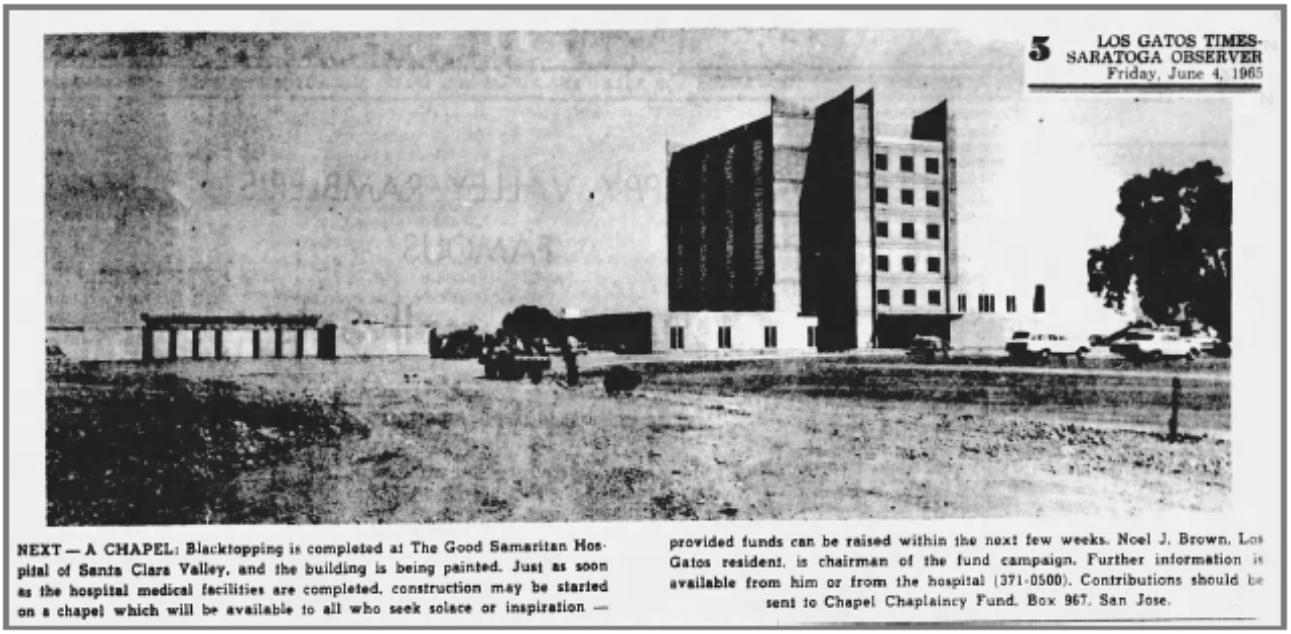
The other buildings and helipad structure that share the same parcel as GSH range from 18 to 33 years of age and have not reached sufficient age to provide sufficient scholarly perspective to warrant evaluation for eligibility and are not addressed in this study; therefore, their integrity was not assessed.

B10. Significance (continued)

Conclusion.

According to the NPS guidance, "[t]he retention of specific aspects of integrity is paramount for a property to convey its significance." In addition, "[t]o retain historic integrity a property must always possess several, and usually most of, the aspects" (National Park Service 1997:44). As described above, Good Samaritan Hospital retains integrity of location and association as a regional medical facility. However, the remaining five aspects of integrity have significantly diminished via subsequent alterations, additions, and expansion of the hospital since its founding in 1965. Therefore, Good Samaritan Hospital does not retain sufficient collective integrity to convey its associative qualities with the period of post war growth in San José, Santa Clara County, and California as well as a specimen of Brutalist architecture. For these reasons, Good Samaritan Hospital does not appear eligible as a Candidate City Landmark. Therefore, the GSH Main Hospital building evaluated in this study does not appear to qualify as a "historical resource" for the purposes of the CEQA as defined at PRC §5024.1(c).

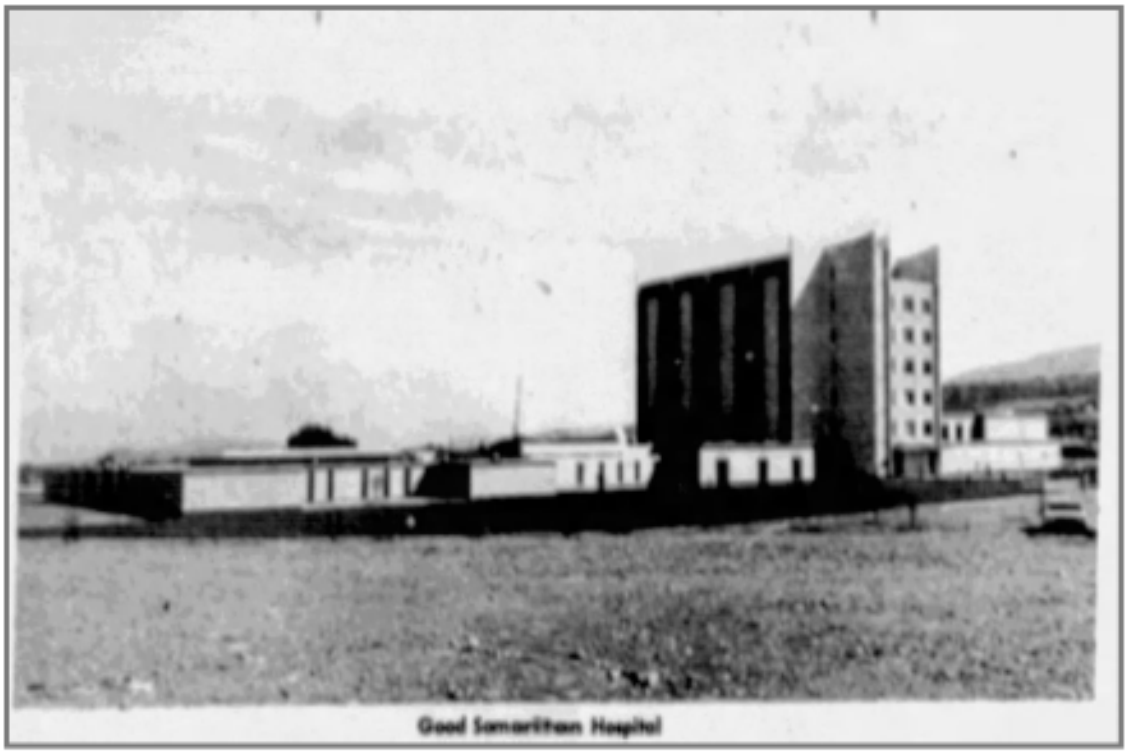
P5a. Photograph (continued)



5 LOS GATOS TIMES-SARATOGA OBSERVER
Friday, June 4, 1965

NEXT — A CHAPEL: Blacktopping is completed at The Good Samaritan Hospital of Santa Clara Valley, and the building is being painted. Just as soon as the hospital medical facilities are completed, construction may be started on a chapel which will be available to all who seek solace or inspiration — provided funds can be raised within the next few weeks. Noel J. Brown, Los Gatos resident, is chairman of the fund campaign. Further information is available from him or from the hospital (371-0500). Contributions should be sent to Chapel Chaplaincy Fund, Box 967, San Jose.

Good Samaritan Hospital. *Los Gatos Times-Saratoga Observer*. 4 June 1965· Page 5.
Source: Newspapers.com



Good Samaritan Hospital. Six days before formal dedication ceremony.
Los Gatos Times-Saratoga Observer. 9 May 1966, Page 6. Source: Newspapers.com

P5a. Photograph (continued)



Good Samaritan Hospital. *Los Gatos Times-Saratoga Observer*. 22 July 1966. Page 33 Source: Newspapers.com

P5a. Photograph (continued)



Good Samaritan Hospital. West and south façades. View southeast across Samaritan Drive. LSA photograph 4/7/23.



Good Samaritan Hospital. Main Entrance. West façade. View northeast. LSA photograph 4/7/23.

P5a. Photograph (continued)

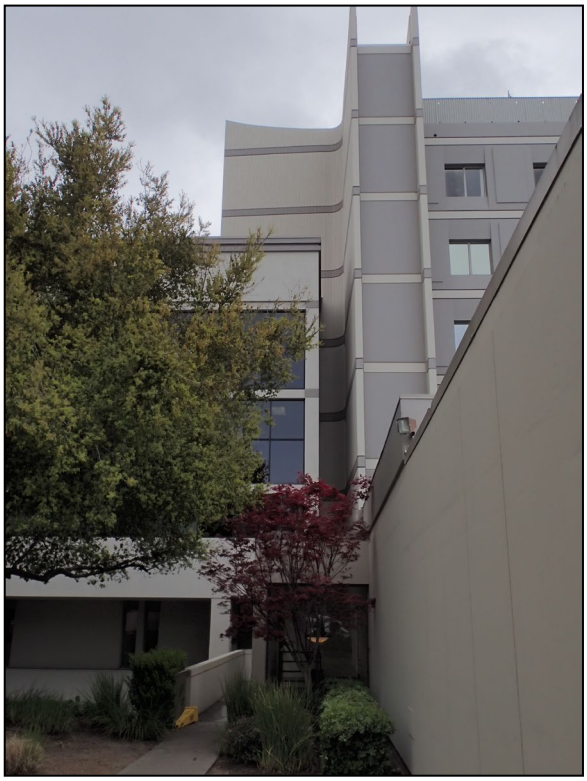


Good Samaritan Hospital. North facade, main entrance. View southeast. LSA photograph 4/7/23.



Good Samaritan Hospital. North façade. View south. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. North facade, central tower and circa 2004 addition juncture. View south. LSA photograph 4/7/23.



Good Samaritan Hospital. North façade. Circa 2004 Woman's Health wing. View east. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. Northern boundary soundwall and property line. Helipad in middle distance. View east. LSA photograph 4/7/23.



Good Samaritan Hospital. Northern boundary soundwall and property line. View east. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. North facade, central tower and circa 2004 addition juncture. View south. LSA photograph 4/7/23.



Good Samaritan Hospital. south façade. Circa 2004 Woman's Health wing. View northwest. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. Detached portable buildings. View southeast. LSA photograph 4/7/23.



Good Samaritan Hospital. Detached portable buildings. View northwest. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. South and east façades, main central tower and circa 2004 addition juncture. View west. LSA photograph 4/7/23.



Good Samaritan Hospital. Main central tower, east and south façades. View northwest. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. Main central tower and loading dock, south and east façades. View northwest. LSA photograph 4/7/23.



Good Samaritan Hospital. Loading dock driveway, plant operations, and utility rooms. East façade. View west. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. Main central tower, east façade. View west. LSA photograph 4/7/23.



Good Samaritan Hospital. East façade. View west. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. East entrance access and central tower beyond. View northwest. LSA photograph 4/7/23.



Good Samaritan Hospital. East and south façades (partial). View northwest. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital. South façade facing Samaritan Drive. View northwest. LSA photograph 4/7/23.



Good Samaritan Hospital. South façade. Samaritan Dive in foreground. View north. LSA photograph 4/7/23.

P5a. Photograph (continued)

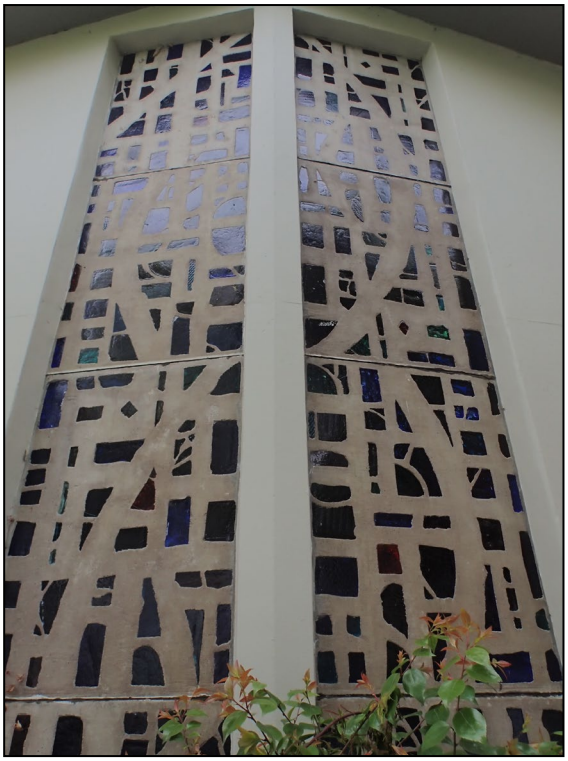


Good Samaritan Hospital. East façade. Samaritan Drive at left. View west. LSA photograph 4/7/23.

P5a. Photograph (continued)

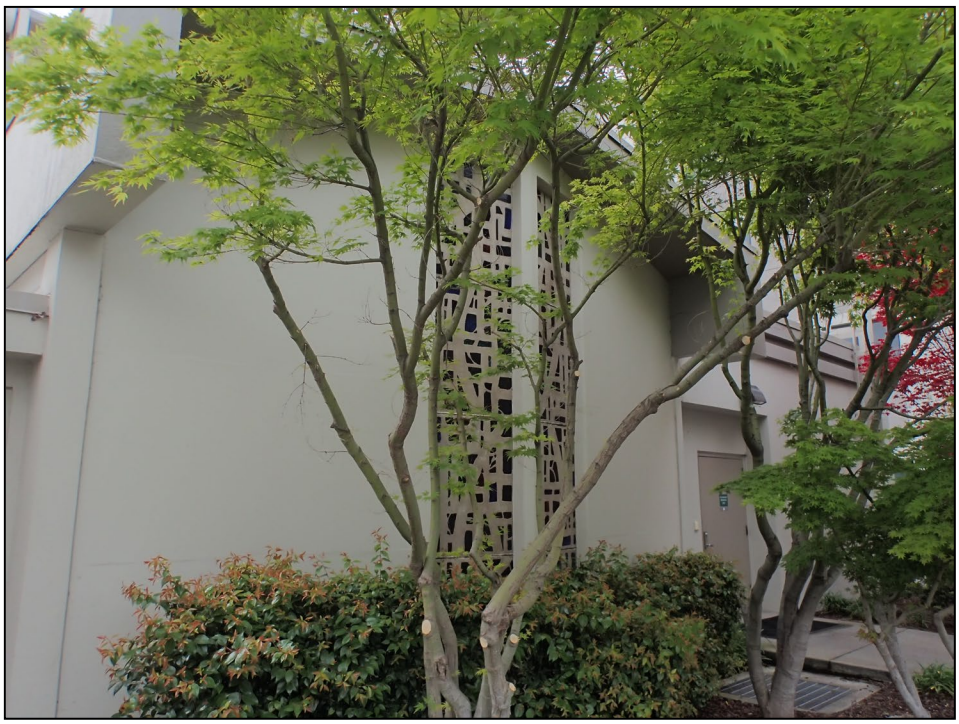


Good Samaritan Hospital Chapel. North façade, main tower in background. View south. LSA photograph 4/7/23.



Good Samaritan Hospital Chapel. North façade. Decorative glass window. View south. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital Chapel. North façade. Decorative glass window. View southwest. LSA photograph 4/7/23.



Good Samaritan Hospital Chapel. North façade. Decorative glass window. View southeast. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital Chapel. Interior, view of decorative window. View north. LSA photograph 4/7/23.



Good Samaritan Hospital Chapel. Interior, view of chapel seating area and chaplain office door. View south. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital Helipad. View north. LSA photograph 4/7/23.



Good Samaritan Hospital Helipad. View southeast. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital Auxiliary Building. South façade. View northeast. LSA photograph 4/7/23.



Good Samaritan Hospital Auxiliary Building. South façade. View northeast. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital Auxiliary Building. East façade. View west. LSA photograph 4/7/23.



Good Samaritan Hospital Auxiliary Building. East façade. View west. LSA photograph 4/7/23.

P5a. Photograph (continued)



Good Samaritan Hospital Auxiliary Building. South façade. View north. LSA photograph 4/7/23.



Good Samaritan Hospital Auxiliary Building. Central courtyard/former playground West façade. View East. LSA photograph 4/7/23.

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APPENDIX B

NATIVE AMERICAN HERITAGE COMMISSION CONSULTATION

Sacred Lands File & Native American Contacts List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: Good Samaritan Hospital Project

County: Santa Clara County

USGS Quadrangle Name: San Jose West

Township: 8S **Range:** 1W **Section(s):** 11

Company/Firm/Agency: LSA

Street Address:

City: **Zip:**

Phone: 805-801-4533

Fax:

Email: kerrie.collison@lsa.net

Project Description:

The proposed project would involve the construction of new hospital buildings that meet State of California seismic compliance standards that will be in effect by 2030 while providing uninterrupted acute care services.

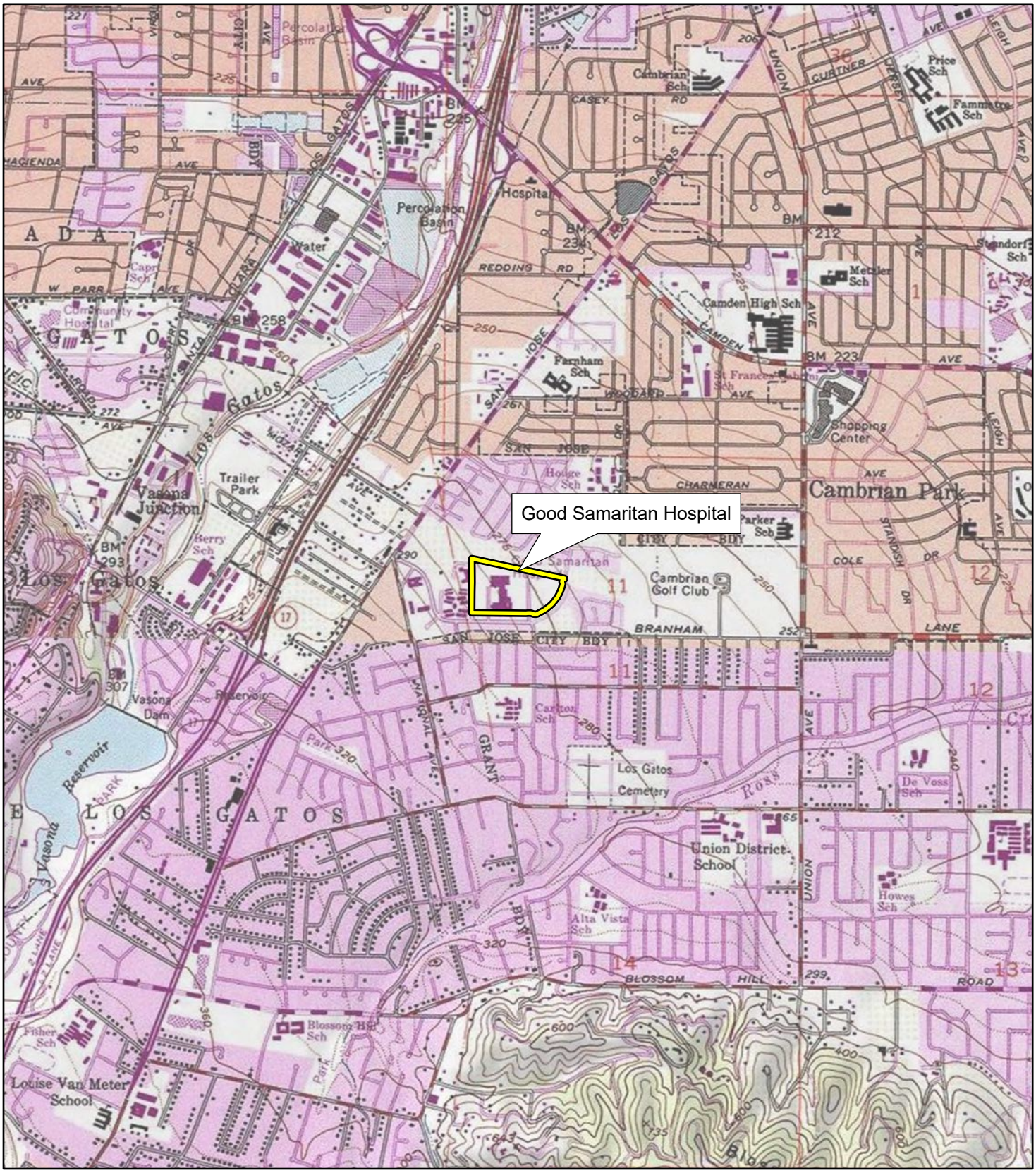


FIGURE 2

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FEET

Cultural Resource Study
Good Samaritan Hospital Project
San José, Santa Clara County, California
Project Site

SOURCE: USGS 7.5' Quad - *San Jose West (1980)* and *Los Gatos (1980)*, CA

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nahc@nahc.ca.gov
NAHC.ca.gov

April 10, 2023

Kerrie Collison
LSA

Via Email to: kerrie.collison@lsa.net

Re: Good Samaritan Hospital Project, Santa Clara County

Dear Ms. Collison:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov.

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Santa Clara County
4/10/2023

Amah Mutsun Tribal Band
Valentin Lopez, Chairperson
P.O. Box 5272
Galt, CA, 95632
Phone: (916) 743 - 5833
vlopez@amahmutsun.org
Costanoan
Northern Valley Yokut

Amah MutsunTribal Band of Mission San Juan Bautista
Irene Zwierlein, Chairperson
3030 Soda Bay Road
Lakeport, CA, 95453
Phone: (650) 851 - 7489
Fax: (650) 332-1526
amahmutsuntribal@gmail.com
Costanoan

Indian Canyon Mutsun Band of Costanoan
Kanyon Sayers-Roods, MLD Contact
1615 Pearson Court
San Jose, CA, 95122
Phone: (408) 673 - 0626
kanyon@kanyonkonsulting.com
Costanoan

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28
Hollister, CA, 95024
Phone: (831) 637 - 4238
ams@indiancanyon.org
Costanoan

Muwekma Ohlone Indian Tribe of the SF Bay Area
Monica Arellano, Vice Chairwoman
20885 Redwood Road, Suite 232
Castro Valley, CA, 94546
Phone: (408) 205 - 9714
monicavarellano@gmail.com
Costanoan

North Valley Yokuts Tribe
Katherine Perez, Chairperson
P.O. Box 717
Linden, CA, 95236
Phone: (209) 887 - 3415
canutes@verizon.net
Costanoan
Northern Valley Yokut

North Valley Yokuts Tribe
Timothy Perez,
P.O. Box 717
Linden, CA, 95236
Phone: (209) 662 - 2788
huskanam@gmail.com
Costanoan
Northern Valley Yokut

The Ohlone Indian Tribe
Andrew Galvan, Chairperson
P.O. Box 3388
Fremont, CA, 94539
Phone: (510) 882 - 0527
Fax: (510) 687-9393
chochenyo@AOL.com
Bay Miwok
Ohlone
Patwin
Plains Miwok

The Ohlone Indian Tribe
Desiree Vigil, THPO
1775 Marco Polo Way, Apt. 21
Burlingame, CA, 94010
Phone: (650) 290 - 0245
dirwin0368@yahoo.com
Bay Miwok
Ohlone
Patwin
Plains Miwok

Wuksache Indian Tribe/Eshom Valley Band
Kenneth Woodrow, Chairperson
1179 Rock Haven Ct.
Salinas, CA, 93906
Phone: (831) 443 - 9702
kwood8934@aol.com
Foothill Yokut
Mono

Tamien Nation
Johnathan Wasaka Costillas, THPO
PO Box 866
Clearlake Oaks, CA, 94523
Phone: (925) 336 - 5359
thpo@tamien.org
Costanoan

Tamien Nation
Quirina Luna Geary, Chairperson
PO Box 8053
San Jose, CA, 95155
Phone: (707) 295 - 4011
qgeary@tamien.org
Costanoan

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Good Samaritan Hospital Project, Santa Clara County.

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APPENDIX F

ENERGY CALCULATIONS

Construction Fuel Consumption

On-Site Diesel[1] (off-road construction Equipment)	$MTCO_2e$	Gallons of Fuel[4]	County Fuel in 2024 (Start of Construction)	Percent
Demolition	898	88,494		
Site Preparation/Grading	350	34,483		
Building Construction	3,484	343,279		
Paving	244	24,044		
Architectural Coating	22	2,156		
Total	4,998	492,456	89,037,841	0.5531%
Off-Site Diesel[1] (on-road construction trips)				
Demolition	132	13,017		
Site Preparation/Grading	952	93,767		
Building Construction	4,385	432,033		
Paving	0	0		
Architectural Coating	0	0		
Total	5,469	538,816	89,037,841	0.6052%
Off-Site Gasoline[2]				
Demolition	29	3,315		
Site Preparation/Grading	9	1,014		
Building Construction	2,881	327,069		
Paving	19	2,177		
Architectural Coating	67	7,637		
Total	3,006	341,212	557,346,150	0.0612%
Total Diesel Fuel		1,031,272	89,037,841	1.1582%
Total Gasoline Fuel		341,212	557,346,150	0.0612%
Total Construction Fuel	13,473	1,372,484		

	Construction Phase[3]	Demolition			Site Preparation			Grading/Infrastructure Improvements		
		On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
Phase 1	2024	112	11	4	58	184	2	72	217	2
	2025	0	0	0	0	0	0	0	0	0
	2026	0	0	0	0	0	0	0	0	0
	2027	0	0	0	0	0	0	0	0	0
	2028	0	0	0	0	0	0	0	0	0
Phase 2	2029	0	0	0	12	24	0	0	0	0
	2030	458	83	15	45	86	1	0	0	0
	2031	215	38	7	0	0	0	32	259	1
Phase 3	2032	112	0	4	58	89	1	72	92	2
	2033	0	0	0	0	0	0	0	0	0
	2034	0	0	0	0	0	0	0	0	0
	Total	**898**	**132**	**29**	**174**	**383**	**4**	**176**	**568**	**5**

	Construction Phase[3]	Building Construction			Paving			Architectural Coating		
		On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
Phase 1	2024	239	426	271	0	0	0	0	0	0
	2025	346	606	385	0	0	0	0	0	0
	2026	346	596	378	0	0	0	0	0	0
	2027	346	585	371	116	0	9	0	0	0
	2028	347	571	366	0	0	0	10	0	39
	2029	341	545	353	0	0	0	0	0	0
Phase 2	2030	321	0	0	0	0	0	0	0	0
	2031	341	0	0	29	0	3	2	0	0
	2032	19	0	0	99	0	7	1	0	0
Phase 3	2032	193	253	177	0	0	0	0	0	0
	2033	341	432	309	0	0	0	0	0	0
	2034	304	371	272	0	0	0	9	0	28
					0	0	0	0	0	0
	Total	**3,484**	**4,385**	**2,881**	**244**	**0**	**19**	**22**	**0**	**67**

Notes:

[1] Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

[2] Fuel used for worker trips assumed to be gasoline.

[3] $MTCO_2e$ rates from CalEEMod (3.0 Construction Emissions Details).

[4] For CO2e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Construction Water Energy

Daily Soil Disturbance[1]	1,008.0	acres
Days of Soil Disturbance[2]	144	days
Water Concentration[3]	3,020	gallons/acre
Water Energy Intensity[4]	4,934	kWh/MG
Total Construction Water	438.36	million gallons
Construction Water Energy	2,162,864	kWh
	2.1629	GWh
Santa Clara County Annual Electricity	17,102	GWh
Percentage Increase	0.01265%	
	2162.86	MWh
	17,101,799.03	MWh

Notes:

[1] Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Emissions Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

[2] Number of days of construction with soil-disturbing equipment per CalEEMod (5.1 Construction Schedule).

[3] Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

[4] Water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32.

Operational Fuel

MITIGATED							
Vehicle Type	**Percent**	**Annual VMT[1]**	**MPG[2]**	**Annual Fuel (Gallons)**	**Fuel Type**	**Santa Clara County Gallons[3]**	**RS Percent**
Passenger Cars	0.946	69,998,628	21.6	3,240,677	Gas	489,047,718	0.6627%
Light/Medium Trucks	0.046	3,394,635	17.2	197,363	Diesel	79,081,281	0.2496%
Heavy Trucks/Other	0.008	604,590	6.1	99,113	Diesel	79,081,281	0.1253%
Total	1.00	73,997,855		296,476			0.3749%

Land Use[5]	**LDA**	**LDT1**	**LDT2**	**MCY**	**MDV**	**LHD1**	**LHD2**	**MHD**	**OBUS**	**UBUS**	**SBUS**	**MH**	**HHD**
Hospital	50.671	3.2744	24.3877	2.1943	14.0681	2.5273	0.6459	0.9891	0.1051	0.0386	0.0673	0.2142	0.8170
Medical Office Building	50.671	3.2744	24.3877	2.1943	14.0681	2.5273	0.6459	0.9891	0.1051	0.0386	0.0673	0.2142	0.8170

Notes:

[1] Total annual operational VMT based on annual VMT from CalEEMod (5.9 Operational Mobile Sources).

[2] Average fuel economy derived from Department of Transportation.

[3] Total annual county fuel per EMFAC 2021 model of projected operational fuel usage.

Operational Water Energy

UNMITIGATED		
Unmitigated Indoor	284.2	million gallons
Indoor Energy Intensity Factor[1]	6,476	kWh/MG
Unmitigated Outdoor	1	million gallons
Outdoor Energy Intensity Factor[2]	4,934	kWh/MG
Operational Water Energy	1,845,899	kWh
Operational Water Energy	1.8459	GWh
Santa Clara County Annual Electricity	17,102	GWh
Percentage Increase	0.0108%	
MITIGATED		
Mitigated Indoor	284.2	million gallons
Indoor Energy Intensity Factor[1]	6,476	kWh/MG
Mitigated Outdoor	1	million gallons
Outdoor Energy Intensity Factor[2]	4,934	kWh/MG
Operational Water Energy	1,845,899	kWh
Operational Water Energy	1.8459	GWh
Santa Clara County Annual Electricity	17,102	GWh
Percentage Increase	0.0108%	

Land Use[3]	Unmitigated (gal/year)		Mitigated (gal/year)	
	Indoor	Outdoor	Indoor	Outdoor
Land Use	148,790,644	547349.9447	148,790,644	547,350
Hospital	10,665,846	0	10,665,846	0
Hospital	68819047.96	0	68,819,048	0
General Light Industry	5492187.5	0	5,492,188	0
Enclosed Parking with Elevator	0	0	0	0
Enclosed Parking with Elevator	0	0	0	0
Parking Lot	0	0	0	0
Parking Lot	0	0	0	0
Medical Office Building	25096107.52	547349.9447	25,096,108	547,350
Hospital	25339037.84	0	25,339,038	0
Other Asphalt Surfaces	0	0	0	0
Other Asphalt Surfaces	0	0	0	0
Total Operational Water (MG/year)	**284**	**1**	**284**	**1**

Notes:

[1] Indoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, distribution, and wastewater.

[2] Outdoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, and distribution.

[3] Operational water use values per CalEEMod (5.12 Operational Water and Wastewater Consumption).

Electricity/Natural Gas Energy

UNMITIGATED			
	Unmitigated Project Annual Energy	Santa Clara County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	40,176,156	17,101,799,026	0.2349%
Electricity (GWh/yr)	40.1762	17,102	0.2349%
Natural Gas (kBTU/yr)	67,386,572	42,394,021,300	0.1590%
Natural Gas (therms/yr)	673,866	423,940,213	0.1590%
MITIGATED			
	Mitigated Project Annual Energy	Santa Clara County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	40,176,156	17,101,799,026	0.2349%
Electricity (GWh/yr)	40.1762	17,102	0.2349%
Natural Gas (kBTU/yr)	67,386,572	42,394,021,300	0.1590%
Natural Gas (therms/yr)	673,866	423,940,213	0.1590%

Land Use	Electricity[1] (kWh/yr)		Natural Gas[2] (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
Hospital	3,305,610	3,305,610	6,267,453	6,267,453
Hospital	21,328,727	21,328,727	40,439,373	40,439,373
General Light Industry	259,116	259,116	1,039,991	1,039,991
Enclosed Parking with Elevator	1,292,001	1,292,001	0	0
Enclosed Parking with Elevator	1,569,626	1,569,626	0	0
Parking Lot	189,572	189,572	0	0
Parking Lot	144,583	144,583	0	0
Medical Office Building	4,233,727	4,233,727	4,750,058	4,750,058
Hospital	7,853,195	7,853,195	14,889,698	14,889,698
Other Asphalt Surfaces	0	0	0	0
Other Asphalt Surfaces	0	0	0	0
Total Energy	**40,176,156**	**40,176,156**	**67,386,572**	**67,386,572**

Notes:

[1] Electricity use per CalEEMod (5.11 Operational Energy Consumption).

[2] Natural Gas use per CalEEMod (5.11 Operational Energy Consumption).

[3] County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov. (year 2022)

APPENDIX G

GEOTECHNICAL REPORT

GEO-ENGINEERING SOLUTIONS, INC.

Geotechnical Engineering • Engineering Geology • Materials Testing

FEASIBILITY LEVEL GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS STUDY

Good Samaritan Hospital Entitlements
2425 Samaritan Drive
San Jose, California 95124

October 17, 2022

Prepared for:

Perkins & Will
617 West 7th Street, Suite 1200
Los Angeles, CA 90017

Prepared by:

GEO-ENGINEERING SOLUTIONS, INC.
2570 San Ramon Valley Boulevard, Suite A102
San Ramon, California 94583
Project No. 133-1442

GEO-ENGINEERING SOLUTIONS, INC.
2570 San Ramon Valley Blvd., Suite A102
San Ramon, CA | 925-433-0450

October 17, 2022

Attention: Mr. Russell Triplett

Subject: **Feasibility Level Geotechnical Engineering and Geologic Hazards Study**
Good Samaritan Hospital Entitlements
2425 Samaritan Drive, San Jose, CA
Geo-Eng Project No. 133-1442

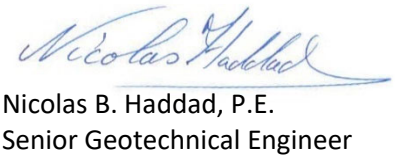
Dear Mr. Triplett:

In accordance with your authorization, **Geo-Engineering Solutions, Inc. (Geo-Eng)** has completed a Feasibility Level Geotechnical Engineering and Geologic Hazards Study to provide geotechnical services for the main campus of Good Samaritan Hospital in San Jose, California. Transmitted herewith are the results of our findings, conclusions, and recommendations.

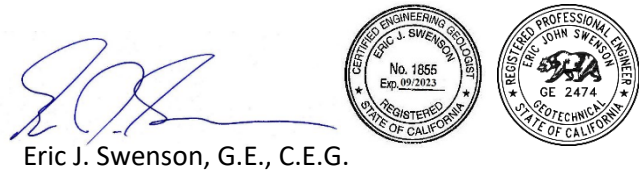
Should you or members of the design team have questions or need additional information, please contact the undersigned by email: nhaddad@geo-eng.net or eswenson@geo-eng.net or at (925) 433-0450. We greatly appreciate the opportunity to provide our services and to be involved in the design of this project.

Sincerely,

GEO-ENGINEERING SOLUTIONS, INC.



Nicolas B. Haddad, P.E.
Senior Geotechnical Engineer



Eric J. Swenson, G.E., C.E.G.
President

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Figure 1 – Site Vicinity Map
Figure 2 – Site Development Plan
Figure 3 – Site Vicinity Geologic Map
Figure 4 – Regional Fault Map
Figure 5 – Liquefaction Hazard Map
Figure 6 – Flood Hazard Map

1.0 INTRODUCTION

1.1 Purpose and Scope

We understand that HCA is going through the initial entitlement process of new modifications and additions to the main campus of Good Samaritan Hospital in San Jose, California. As part of this process, a geotechnical feasibility study is required to outline geologic hazards as well as possible geotechnical design issues which would affect this development.

The purpose of our work was to prepare a Feasibility Level Geotechnical Engineering and Geologic Hazards Study for the site and provide preliminary geotechnical recommendations for the proposed development at the site. Based on our experience, this study is based on previously published works as well as a review of any available subsurface data on the campus. The intent of the study is to provide a context of possible global geologic hazards and not to provide specific design level recommendations. This study did not include an in-depth assessment of potentially toxic or hazardous materials that may be present on or beneath the site.

1.2 Site Description

The Good Samaritan Hospital is located at 2425 Samaritan Drive in San Jose, California, as shown on the attached Figure 1-Site Vicinity Map. The site is approximately 20-acre and is bordered by Samaritan Drive to the east and south, Highway 85 to the north, and existing medical office buildings to the west. Several buildings exist on the campus which occupies the center of the site with at grade parking on the east and west sides of the site.

The topography of the site is generally flat with elevations on the order of +280 feet above mean sea level, based on Google Earth elevations. The average geographic coordinates of the site, used in our engineering analyses, are 37.2523 degrees north latitude and -122.9466 degrees west longitude.

1.3 Proposed Development

Based on the proposed Master Plan, prepared by Perkins & Will, we understand that the proposed development project will include the addition of a new diagnostic and treatment building to the north, a Medical Office building to the southeast, and two six-story at grade parking garages on the east and west sides of the site, Figure 2-Site Development Map. Surface parking, driveways, and landscaping would also be included in the proposed project. It is assumed there will also be other associated minor site improvements such as site grading, landscaping and utilities.

2.0 GEOLOGIC AND SEISMIC OVERVIEW

2.1 Geologic Setting

The site is located within the central portion of the Coast Ranges geomorphic province of California. The Coast Ranges geomorphic province consists of numerous small to moderate linear mountain ranges trending north to south and northwest to southeast. The Coast Ranges lies between the Pacific Ocean to the west and the Great Valley Geomorphic Province to the east. This province is approximately 400 miles long and extends from the Klamath Mountains in the north to the Santa Ynez River within Santa Barbara County in the south. It generally consists of marine sedimentary rocks and volcanic rocks. The province is characterized by northwest-trending faults and folds, as well as erosion and deposition within the broad transform boundary between the North American and Pacific plates. Translational motion along the plate boundary occurs across a distributed zone of right-lateral shear expressed as a nearly 50-mile-wide zone of northwest-trending, near-vertical active strike-slip faults. This motion occurs primarily along the active San Andreas, Hayward, Calaveras and San Gregorio faults.

The site is located within the southwestern portion of the Santa Clara Valley, which is a large depositional valley located at the southern end of the San Francisco Bay. Historically, sediments from this valley are sourced from the Santa Cruz Mountains located to the west and the Diablo Range to the east, as wells as interbedded bay deposits. The Santa Cruz Mountains primarily consist of Cretaceous to Miocene sandstone and basalt. Near the vicinity of Santa Clara Valley, the Diablo Range primarily consists of middle to upper Miocene shale, sandstone, pebble conglomerate, and claystone from the Claremont, Briones, and Orinda Formations (Wentworth et al., 1999).

The subject property overlies Quaternary alluvial fan deposits consisting of sand, silt, and gravel (Dibblee and Minch, 2007), Figure 3-Site Vicinity Geology Map. Based on the mapped geological unit and our experience at other sites in the vicinity, we anticipate the site is underlain by low plasticity, relatively dense silty and clayey sand, gravel and cobbles.

West of the property are Pliocene conglomerate, sandstone, siltstone, claystone, and mudstone of the Santa Clara Formation. In addition, stream alluvium consisting of gravel, sand, silt and clay is located within the vicinity of Los Gatos Creek, located north of the site.

2.2 Regional Faulting and Tectonics

Regional transpression has caused uplift and folding of the bedrock units within the Coast Ranges. This structural deformation occurred during periods of tectonic activity that began in the Pliocene and continues today. The site is located in a seismically active region that has experienced periodic, large magnitude earthquakes during historic

times. This seismic activity appears to be largely controlled by displacement between the Pacific and North American crustal plates, separated by the San Andreas Fault zone located about 6 miles southwest of the site. This plate displacement produced regional strain that is concentrated along major faults of the San Andreas Fault System including the San Andreas, Hayward, and Calaveras faults in the greater San Francisco Bay area.

The subject property is in a seismically active region dominated by the San Andreas Fault, located about 6 miles (9.7 km) southwest of the site, and the Hayward Fault, located approximately 12 miles (19.3 km) northeast of the site. Other major faults within the vicinity of the site include the northern portion of the Calaveras Fault, located 14 miles (22.5 km) northeast of the site. The site is not mapped within an Alquist-Priolo Earthquake Fault Zone. The site location relative to active and potentially active faults in the San Francisco Bay Area is shown on Figure 4, Regional Fault Map.

According to the California Department of Conservation's Fault Activity Map of California, the subject property is situated between the Cascade Fault and Monte Vista-Shannon Fault. According to this map, the Cascade Fault is located about 0.6 miles northeast of the site and the Monte Vista-Shannon Fault is located about 0.3 miles southwest of the site. The Cascade Fault is a potentially active reverse fault that is about 22 miles long (California Department of Transportation, 2017).

2.3 Groundwater

Based on the Seismic Hazard Zone Report for the San Jose Quadrangle prepared by the California Geologic Survey (CGS) historic ground water in the vicinity of the subject site is expected to be on the order of 30 to 40 feet below ground surface. Groundwater levels can vary in response to time of year, variations in seasonal rainfall, well pumping, irrigation, and alterations to site drainage.

3.0 GEOLOGIC HAZARDS

3.1 Seismic Induced Hazards

Seismic hazards resulting from the effects of an earthquake generally include ground shaking, liquefaction, lateral spreading, dynamic settlement, fault ground rupture and fault creep, dam inundation, and tsunamis and seiches. The site is not necessarily impacted by all of these potential seismic hazards. Nonetheless, potential seismic hazards are discussed and evaluated in the following sections in relation to the planned construction.

3.1.1 Ground Shaking

The site may experience moderate to strong ground shaking from a major earthquake originating from one or more of the close or major Bay Area faults such as the San Andreas and Hayward faults. Earthquake intensities vary throughout the region depending upon the magnitude of the earthquake, the distance of the site from the causative fault, the type of materials underlying the site and other factors. Potential mitigation of strong ground shaking includes designing new structures to meet current building codes and applicable requirements.

In addition to shaking of the structure, strong ground shaking can induce other related phenomena that may have an effect on structures, such as liquefaction and dynamic densification settlement.

3.1.2 Liquefaction Induced Phenomena

Research and historical data indicate that soil liquefaction generally occurs in saturated, loose granular soil (primarily fine to medium-grained, clean sand deposits) during or after strong seismic ground shaking and is typified by a loss of shear strength in the affected soil layer, thereby causing the soil to flow as a liquid. However, because of the higher inter-granular pressure of the soil at greater depths, the potential for liquefaction is generally limited to the upper 40 feet of the soil. Potential hazards associated with soil liquefaction below or near a structure include loss of foundation support, lateral spreading, sand boils, and areal and differential settlement.

Lateral spreading is lateral ground movement, with some vertical component, as a result of liquefaction. The soil literally rides on top of the liquefied layer. Lateral spreading can occur on relatively flat sites with slopes less than two percent under certain circumstances, generally when the liquefied layer is in relatively close proximity to an open, free slope face such as the bank of a creek channel. Lateral spreading can cause surficial ground tension cracking (i.e., lurch cracking) and settlement.

The site is not mapped by the CGS in a geologic hazard zone requiring liquefaction investigation, as shown in Figure 5-Liquefaction Hazard Map. The site is underlain by low plasticity, relatively dense silty and clayey sand, gravel and cobbles. These soils are expected to be generally less susceptible to liquefaction due to their relatively moderate fine-grain content and moderate density. Therefore, the potential for liquefaction of the site subsurface soils is judged to be moderate.

The site is not considered to be susceptible to lateral spreading due to the lack of a nearby free slope face. Therefore, the potential for future seismic settlement due to lateral spreading is judged to be very low.

3.1.3 Dynamic Compaction (Settlement)

Dynamic compaction is a phenomenon where loose, relatively clean sandy soil located above the water table is densified from vibratory loading, typically from seismic shaking or vibratory equipment. The site soils generally consist of relatively dense silty and clayey sand, gravel and cobbles. Therefore, in our opinion, dynamic settlement and/or any potential effect of dynamic settlement on the proposed construction is not expected to be significant.

3.1.4 Fault Ground Rupture and Fault Creep

The State of California adopted the Alquist-Priolo Earthquake Fault Zone Act of 1972 (Chapter 7.5, Division 2, Sections 2621 – 2630, California Public Resources Code), which regulates development near active faults for preventing surface fault rupture hazards to structures for human occupancy. In accordance with the Alquist-Priolo (A-P) Act, the California Geological Survey established boundary zones, or Earthquake Fault Zone surrounding faults or fault segments judged to be sufficiently active, well-defined, and mapped for some distance. Structures for human occupancy within designated Earthquake Fault Zone boundaries are not permitted unless surface fault rupture and fault creep hazards are adequately addressed in a site-specific evaluation of the development site.

The site is not currently mapped or within a designated Earthquake Fault Zone as defined by the State (Hart and Bryant, 1997). The closest Earthquake Fault Zone is associated with the San Andreas Fault located about 6 miles southwest of the site, as shown on Figure 4. However, the Cascade Fault is located about 0.6 miles northeast of the site and the Monte Vista-Shannon Fault is located about 0.3 miles southwest of the site.

Since the site is not within or near an A-P Earthquake Fault Zone, and there are no faults mapped through the site or trending toward the site, the potential for fault ground rupture and fault creep hazards are judged to be very low.

3.1.5 Tsunamis and Seiches

Tsunamis are long-period sea waves generated by seafloor movements from submarine earthquakes or volcanic eruptions that rapidly displace large volumes of water. Coastal communities along the Pacific Ocean are particularly susceptible to such phenomena. The project site is located at an elevation of about 280 feet above mean sea level and approximately 15 miles south of the San Francisco Bay. Therefore, the potential for tsunami inundation at the site is considered to be nil.

Earthquake-induced waves generated within enclosed bodies of water are called seiches. Such waves may overtop dam embankments or extreme cases, cause dam failure, and in either case result in downstream inundation. The site is not within the downstream drainage area of any significant body of water. Therefore, the site is not considered to be susceptible to seiches.

3.2 Other Hazards

Potential geologic hazards other than those caused by a seismic event generally include ground failure and subsidence, consolidation settlement, landslides under static loading conditions, expansive and collapsible soils, flooding, naturally occurring asbestos (NOA) and soil erosion. These are discussed and evaluated in the following sections.

3.2.1 Ground Cracking and Subsidence

Withdrawal of groundwater and other fluids (i.e. petroleum and the extraction of natural gas) from beneath the surface has been linked to large-scale land subsidence and associated cracking on the ground surface. Other causes for ground cracking and subsidence include the oxidation and resultant compaction of peat beds, the decline of groundwater levels and consequent compaction of aquifers, hydro-compaction and subsequent settlement of alluvial deposits above the water table from irrigation, or a combination of any of these causes. Determining the impacts from subsidence on the project is beyond the scope of this study however, subsidence generally impacts a region, and should not produce excessive differential settlement in a single location. Local and regional locations prone to subsidence generally subside equally over time.

3.2.2 Consolidation Settlement

Consolidation is the densification of soil into a denser arrangement from additional loading, such as from new fills or foundation loads. Consolidation of clayey soils is usually a long-term process, whereby the water is squeezed out of the soil matrix with time. Sandy soils consolidate relatively rapidly with an introduction of a load. Consolidation of soft and loose soil layers and lenses can cause settlement of the ground surface or buildings. Based on relatively dense silty and clayey sand, gravel and cobbles at the site, the near-surface soils are considered to have a low potential for consolidation settlement.

3.2.3 Landslides

Landslides can occur under a variety of loading conditions, including both static and seismic, but involve sloping ground. As shown on Figure 4 the subject site is not adjacent to an "earthquake-induced landslide zone." The site and immediate vicinity are moderately flat and does not exhibit landslide features as determined by our geologic site reconnaissance and literature review. Therefore, the site is not susceptible to landsliding.

3.2.4 Flooding

The site is not located in a mapped area of flooding hazard, as shown on Figure 6-Flood Hazard Map, based on the FIRM (2009) map produced for the site vicinity. The site is located within Zone D, described as "Areas in which flood hazards are undetermined but possible". We recommend the project civil engineer be retained to verify the base flood elevation.

Based on our review of the Santa Clara Valley Water District Inundation Maps, the site is located within a dam failure inundation area for Lexington Reservoir.

3.2.5 Soil Erosion

Present construction techniques and agency requirements have provisions to limit soil erosion and resultant siltation during construction. These measures will reduce the potential for soil erosion at the site during the various construction phases. Long-term erosion at the site will be reduced by designing landscaping and/or hardscape areas such as parking lots and walkways with appropriate surface drainage facilities.

3.2.6 Naturally Occurring Asbestos (NOA)

The project site is not located within 10 miles of a mapped geographic ultramafic rock unit (GURU) or serpentinite, as shown on Figure 3. Therefore, it is our opinion that the subject site should be exempt from any special regulation or mitigation procedures relating to NOA before and during construction.

3.2.7 Other Geologic Hazards

Due to the site's location and geology, subsurface soil conditions, groundwater levels and land use factors, the site is not subject to the potential geologic hazards of loss of mineral resources, volcanism, cyclic softening of soils or loss of unique geologic features.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and engineering recommendations are based upon the analysis of the information gathered during the course of this study and our understanding of the proposed improvements.

4.1 Conclusions

The site is considered suitable from a geotechnical and geologic perspective for the proposed improvements provided the recommendations of this report are incorporated into the design and implemented during construction. The predominant geotechnical and geological issues that could affect design and construction at this site are summarized below.

Seismic Considerations – The site is located within a seismically active region and expected to be subjected to moderately strong to very strong ground shaking during the life of the new structures. As a minimum, the building designs should consider the effects of seismic activity in accordance with the latest edition of the California Building Code (CBC).

Undocumented Fill Soils –Undocumented onsite fill soils if encountered in the new building pad and loose or debris laden soils if encountered in other areas, should be completely removed and replaced by engineered compacted fill. The portion of over-excavated material not consisting of debris or organic topsoil may be reused as fill material upon approval of the Geotechnical engineer.

Grading in previously paved areas – The contractor should take notice that they are removing an existing paved area and moisture is often trapped below paved surfaces. Additional drying and working should be anticipated to achieve required moisture content for compaction.

4.2 Potential Foundation Recommendations

For the design of the new buildings and the addition to the existing facilities, we anticipate that smaller buildings on the order of 2 to 3 stories can readily be supported on continuous and /or isolated spread footings bearing on undisturbed stiff to very stiff, onsite native soil. The feasibility of the spread footings should be evaluated further during the design-level geotechnical investigation. Larger or heavier structures may require a deep foundations depending on structural loading conditions. If the total or differential settlement cannot be tolerated, an alternative foundation system such as deep concrete pile foundations or auger-cast pile system will be required.

4.3 Design-Level Geotechnical Investigation

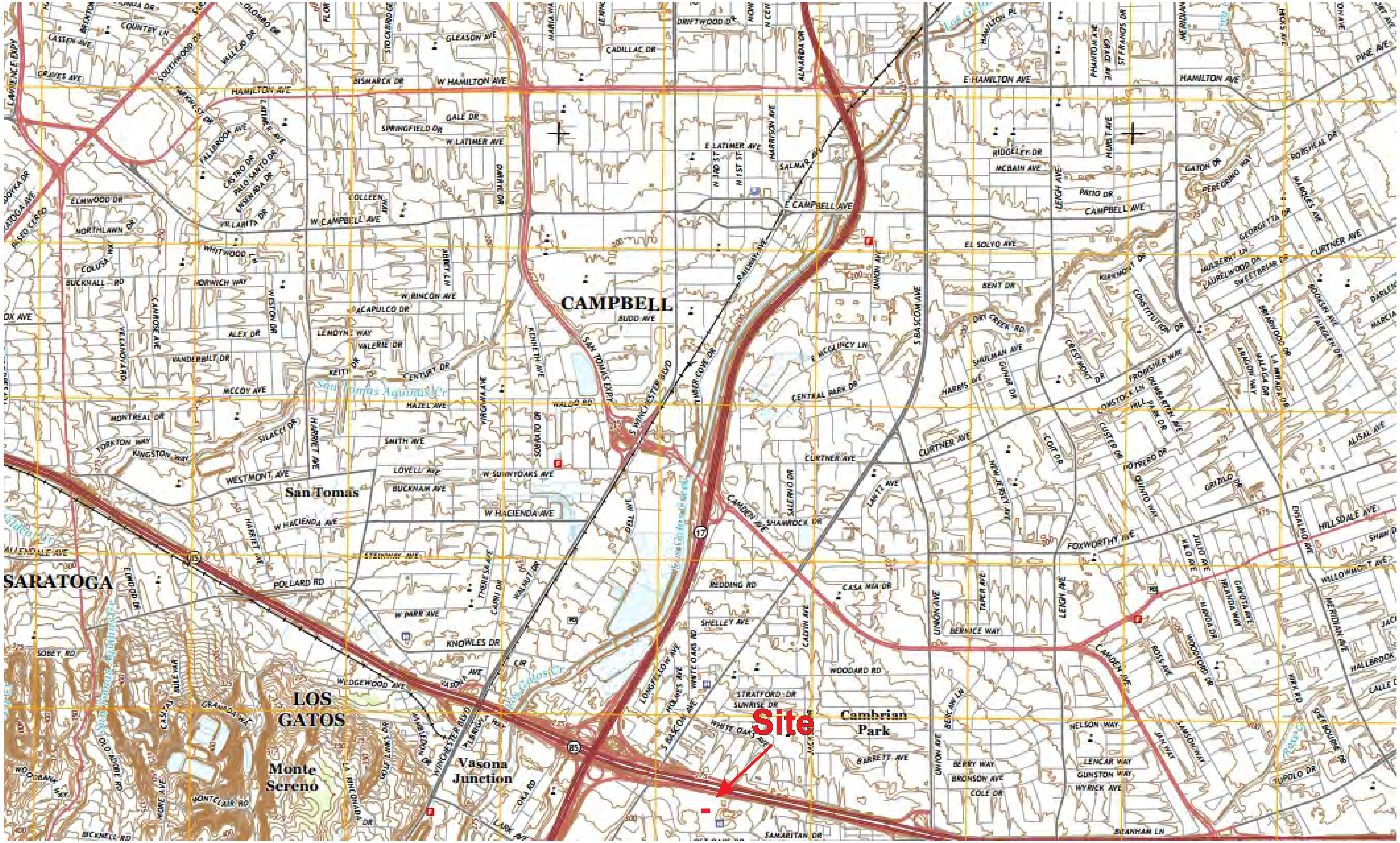
The feasibility recommendations contained in this report were based on the provided design plans and available published information for the site and the vicinity. It is recommended that Geo-Eng be retained to perform a design-level geotechnical investigation for the improvement project at the Good Samaritan Hospital.

FIGURES

Figure 1 – Site Vicinity Map
Figure 2 – Site Development Plan
Figure 3 – Site Vicinity Geologic Map
Figure 4 – Regional Fault Map
Figure 5 – Liquefaction Hazard Map
Figure 6 – Flood Hazard Map

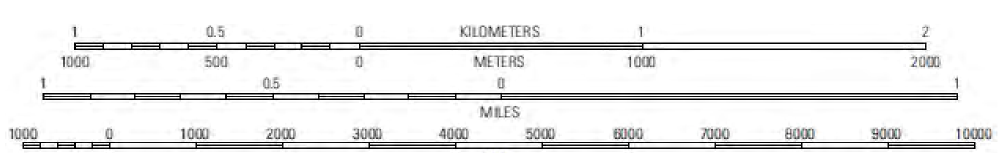
FIGURES

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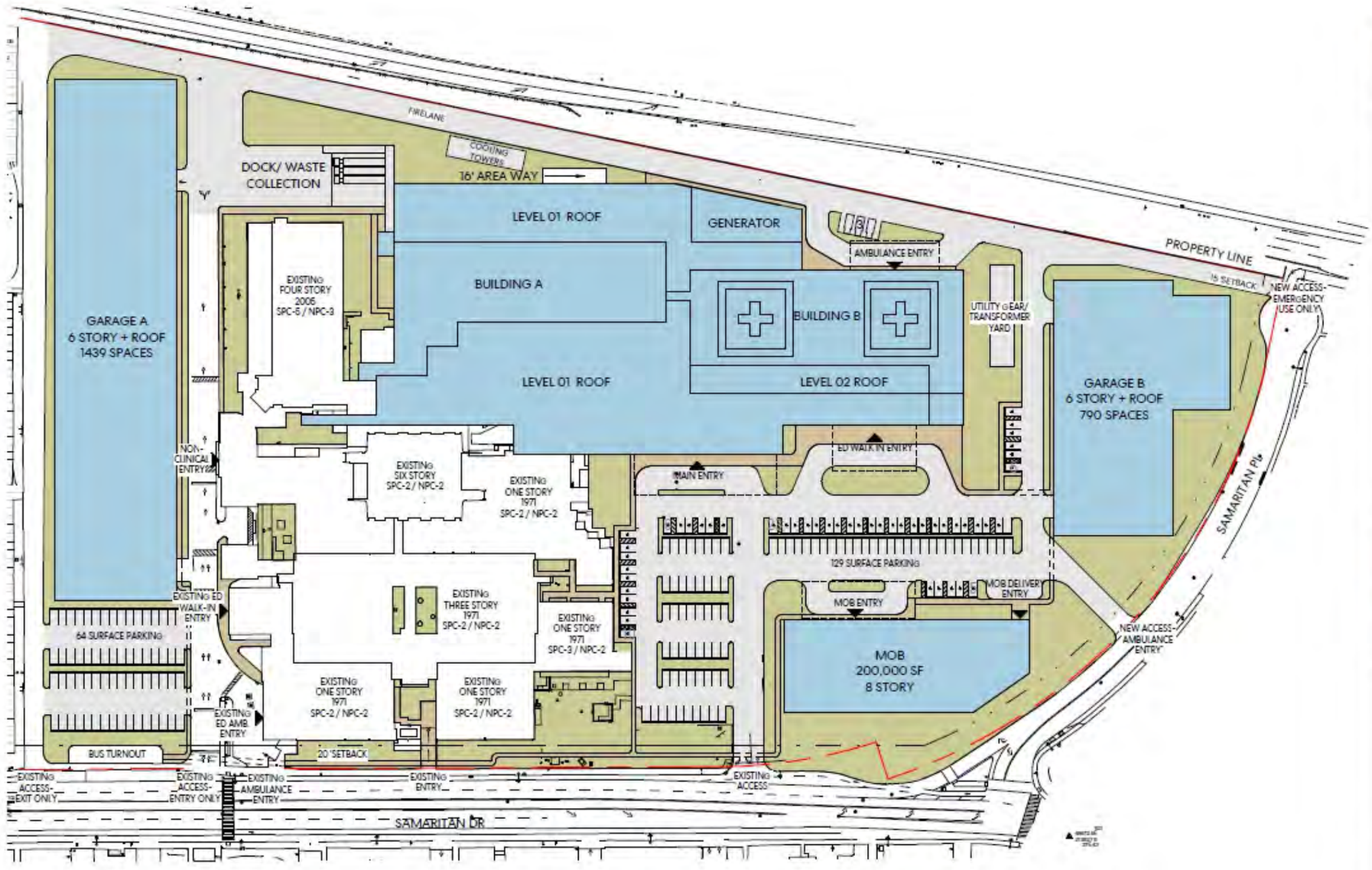


Map Scale



Source: San Jose West Quadrangle, California, US Topographic Map
7.5-Minute Series, United States Geological Survey (2015)

Geo-Engineering Solutions, Inc. A PEI Company Geotechnical Engineering • Engineering Geology • Materials Testing	Good Samaritan Hospital 2425 Samaritan Drive San Jose, CA	133-1442	October 2022
		Site Vicinity Map	Figure 1



HCA Healthcare

GOOD SAMARITAN HOSPITAL, MAIN CAMPUS, SAN JOSE, CA, MASTER PLAN
Date of Issue: 07/29/2022

NOTE: DO NOT SCALE OR SCAN DRAWINGS. REFER TO SPACE PROGRAM FOR SQUARE FOOTAGES.

LEGEND:

- EXISTING
- NEW CONSTRUCTION
- LANDSCAPE
- WALKWAYS/ ENTRY
- PROPERTY BOUNDARY
- SETBACK

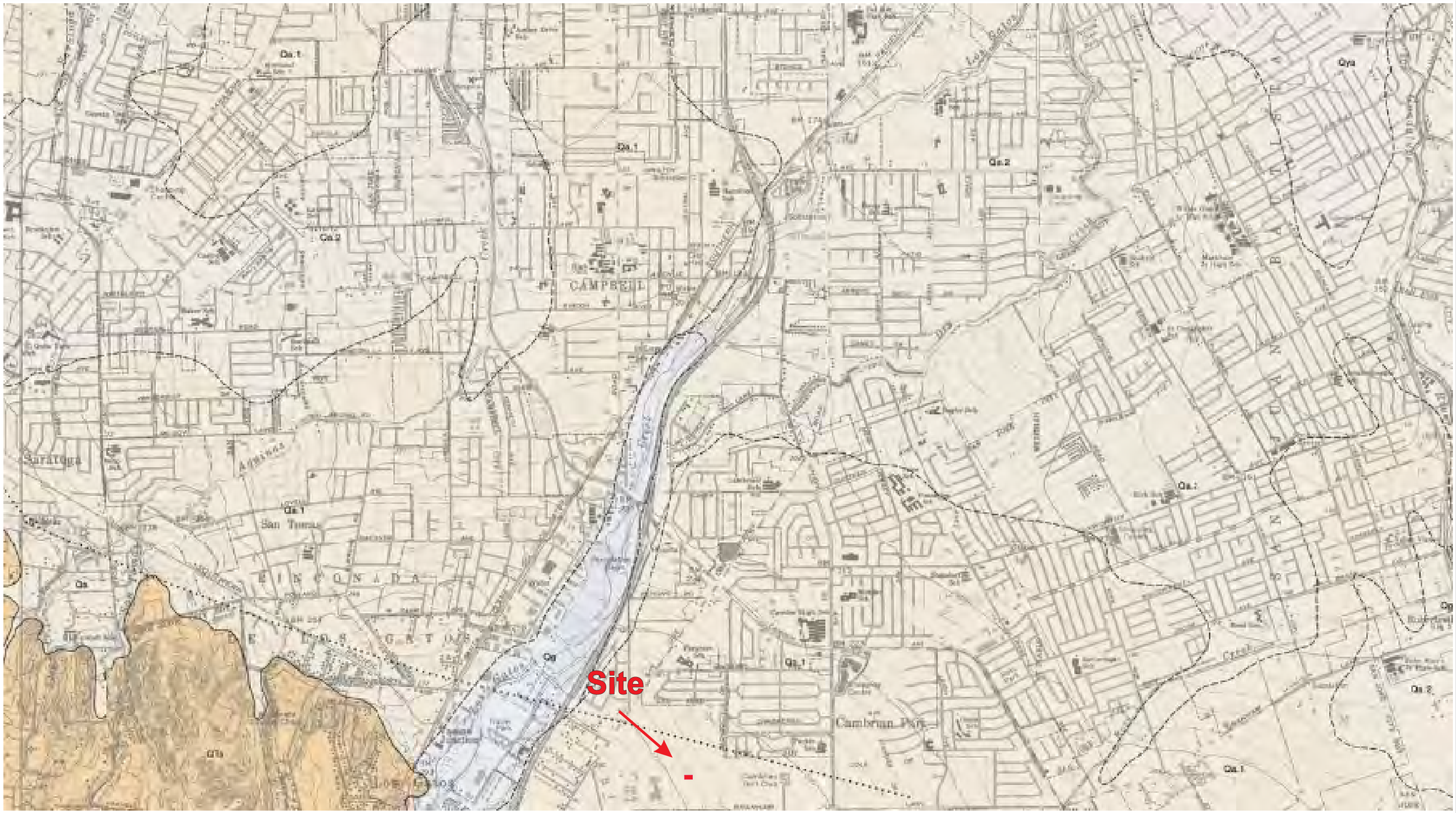
SITE PLAN

0' 12.5 25
Scale: 1" = 100'-0"

Perkins&Will

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		Site Development	Figure 2



Source: USGS w/ California Geologic Survey Scientific Investigations Map 2918, Geologic Map of the San Francisco Bay Region

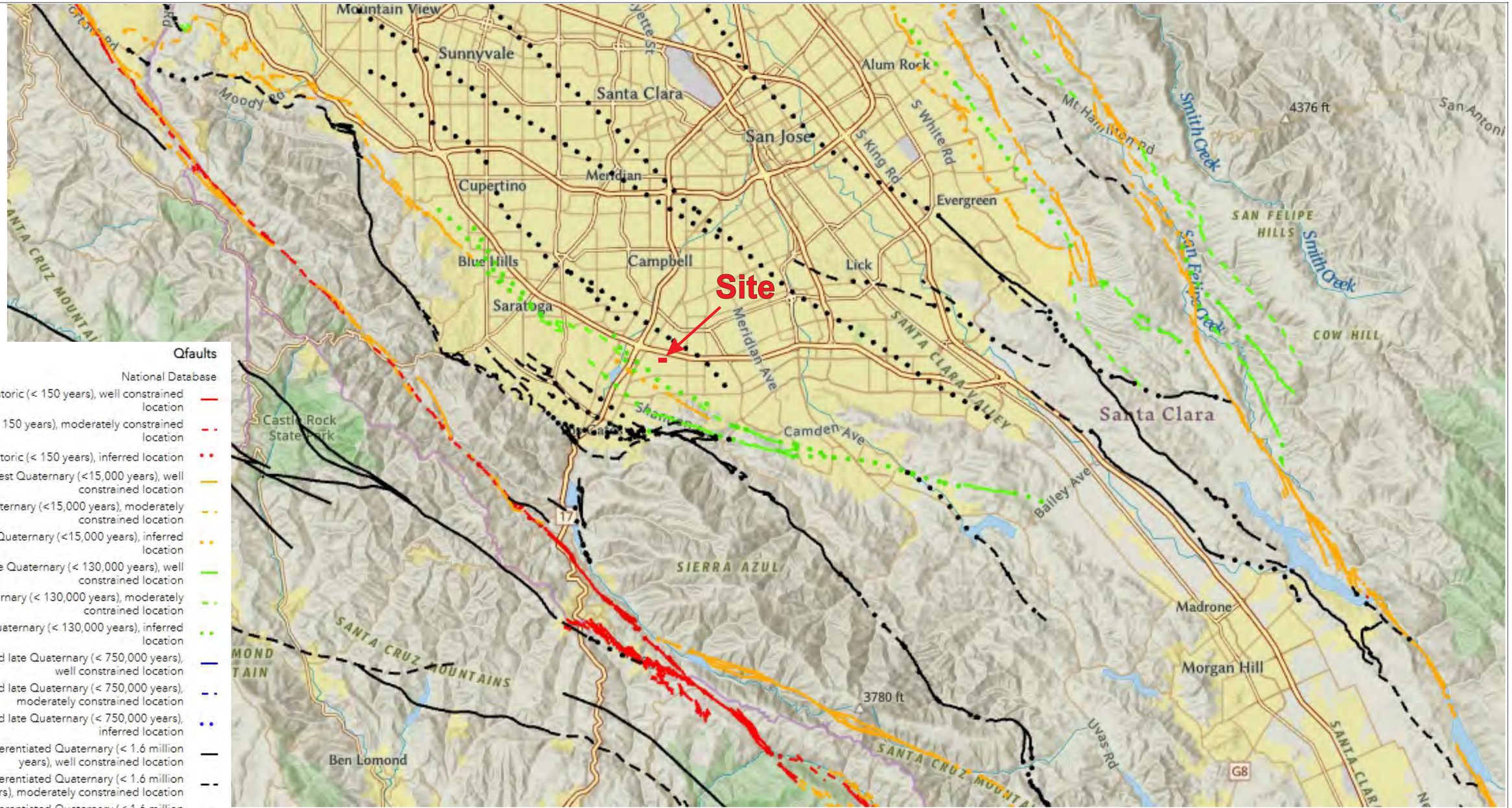
Geologic Faults
Geologic Contacts

af - Artificial fill
Qha - Alluvium, Holocene
Qpa - Alluvium, Pleistocene
QTs - Sediments, early Pleistocene and/or Pliocene

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2425 Samaritan Drive
San Jose, CA

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Site Vicinity Geology Map	Figure 3



Qfaults

National Database

- Historic (< 150 years), well constrained location
- Historic (< 150 years), moderately constrained location
- Historic (< 150 years), inferred location
- Latest Quaternary (<15,000 years), well constrained location
- Latest Quaternary (<15,000 years), moderately constrained location
- Latest Quaternary (<15,000 years), inferred location
- Late Quaternary (< 130,000 years), well constrained location
- Late Quaternary (< 130,000 years), moderately contrained location
- Late Quaternary (< 130,000 years), inferred location
- Middle and late Quaternary (< 750,000 years), well constrained location
- Middle and late Quaternary (< 750,000 years), moderately constrained location
- Middle and late Quaternary (< 750,000 years), inferred location
- Undifferentiated Quaternary (< 1.6 million years), well constrained location
- Undifferentiated Quaternary (< 1.6 million years), moderately constrained location
- Undifferentiated Quaternary (< 1.6 million years), inferred location
- Unspecified age, well constrained location
- Unspecified age, moderately constrained location
- Unspecified age, inferred location
- Class B (various age), well constrained location
- Class B (various age), moderately constrained location
- Class B (various age), inferred location

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Regional Fault Map	Figure 4



Liquefaction Zones
Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

Earthquake-Induced Landslide Zones
Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

Earthquake Fault Zones
Zone boundaries are delineated by straight-line segments; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.

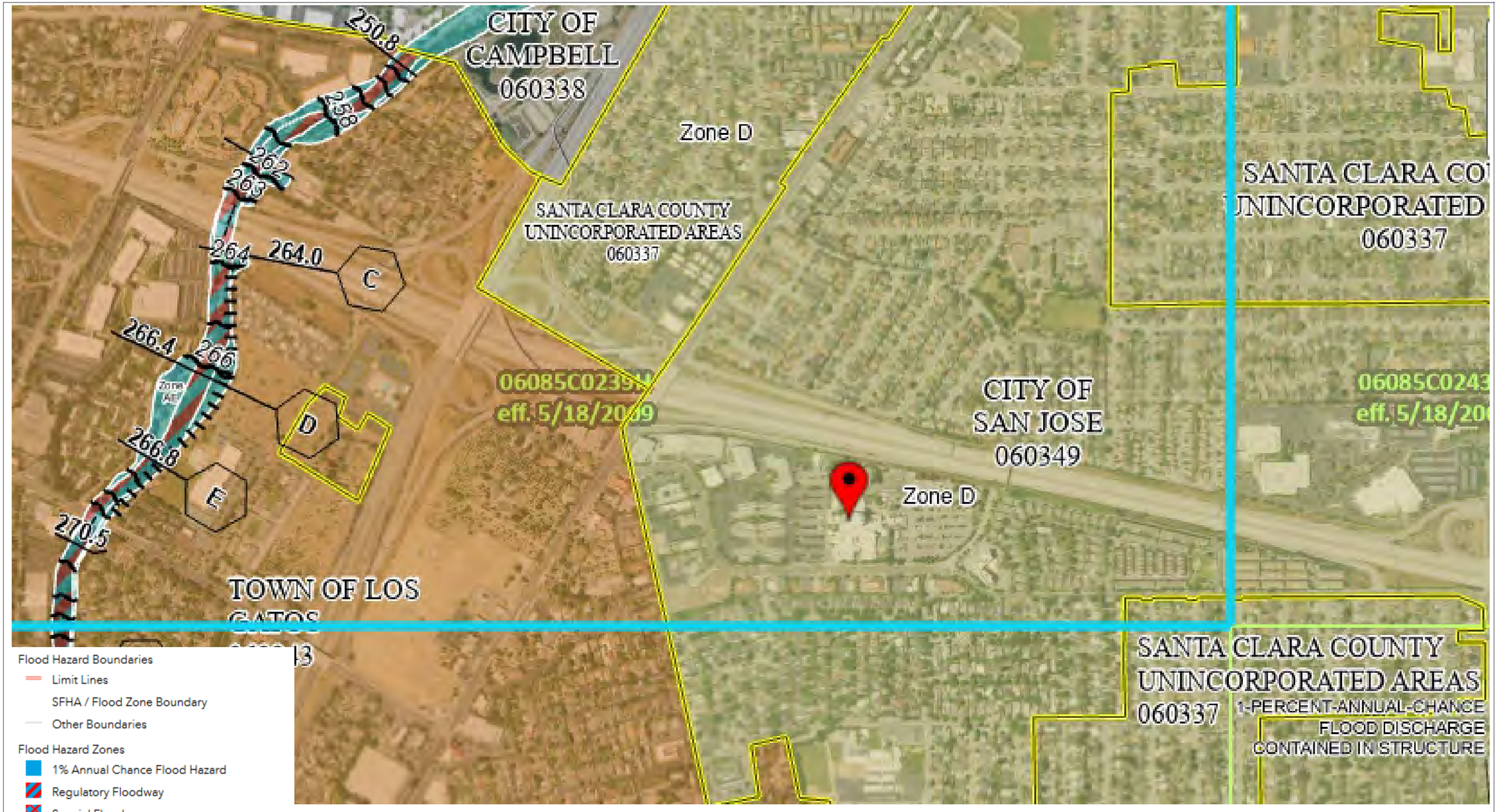
Active Fault Traces
Faults considered to have been active during Holocene time and to have potential for surface rupture: Solid Line in Black or Red where Accurately Located; Long Dash in Black or Solid Line in Purple where Approximately Located; Short Dash in Black or Solid Line in Orange where Inferred; Dotted Line in Black or Solid Line in Rose where Concealed; Query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.

1906 C ? ?

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Liquefaction Hazard Map	Figure 5



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133-1442	October 2022
Flood Hazard Map	Figure 6

APPENDIX H

GREENHOUSE GAS ASSESSMENT

Greenhouse Gas Emissions Assessment
Good Samaritan Hospital Project
City of San José, California

Kimley»Horn
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Prepared by:

Kimley-Horn and Associates, Inc.
10 South Almaden Boulevard, Suite 1250
San José, California 95113
Contact: Noemi Wyss, AICP

May 2024

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APPENDIX
Appendix A: Greenhouse Gas Emissions Data
Appendix B: 2030 Greenhouse Gas Reduction Strategy Checklist

LIST OF ABBREVIATED TERMS

AB	Assembly Bill
A(PD)	Planned Development (Agricultural Base District)
BAAQMD	Bay Area Air Quality Management District
CARB	California Air Resource Board
CCR	California Code of Regulations
CalEEMod	California Emissions Estimator Model
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CALGreen	California Green Building Standards
CPUC	California Public Utilities Commission
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CFC	Chlorofluorocarbon
CAA	Clean Air Act
CG(PD)	Commercial General Planned Development
CAFE	Corporate Average Fuel Economy
CY	Cubic yard
EISA	Energy Independence and Security Act
FCAA	Federal Clean Air Act
FR	Federal Register
FPEIR	Final Program Environmental Impact Report
Gt	Gigatonnes
GHG	Greenhouse Gas
GHGRS	Greenhouse Gas Reduction Strategy
HCFC	Hydrochlorofluorocarbon
HFC	Hydrofluorocarbon
LEED	Leadership in Energy and Environmental Design
LCFS	Low Carbon Fuel Standard
CH_4	Methane
$MMTCO_2e$	million metric tons of carbon dioxide equivalent
$MTCO_2e$	million tons of carbon dioxide equivalent
NHTSA	National Highway Traffic Safety Administration
NCC	Neighborhood Community Commercial
NF_3	nitrogen trifluoride
N_2O	nitrous oxide
PFC	Perfluorocarbon
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RPS	Renewable Portfolio Standard
SAFE	Safer Affordable Fuel-Efficient
SJCE	San José Community Energy
SB	Senate Bill
SF	Square Feet
SF_6	sulfur hexafluoride
TAC	toxic air contaminants
TDM	Transportation Demand Management
U.S. EPA	United States Environmental Protection Agency
VMT	Vehicle Miles Travelled

1 INTRODUCTION

This section describes effects on climate change and greenhouse gas (GHG) emissions that would be caused by implementation of the Project. The study area for climate change and the analysis of GHG emissions is broad because climate change is influenced by world-wide emissions and their global effects. However, the study area is also limited by the California Environmental Quality Act (CEQA) Guidelines [Section 15064(d)], which directs lead agencies to consider an "indirect physical change" only if that change is a reasonably foreseeable impact that may be caused by the Project. This analysis limits discussion to those physical changes to the environment that are not speculative and are reasonably foreseeable.

1.1 Project Location

The approximately 20-acre Project site is located at 2425 Samaritan Drive and 2333 Samaritan Place (Accessor Parcel Numbers (APNs): 421-36-009 and 421-36-011). Regionally, Good Samaritan Hospital is in the southwestern region of San José within an urban area that contains a mix of medical offices and clinics as well as single- and multi-family residential developments. The northern boundary of the Project site abuts the eastbound on-ramp to SR-65. Along the eastern boundary of the Project site is the Cambrian Center, a multi-family residential complex, and single-family residences. To the south of the Project site are various medical office buildings. Along the western boundary of the Project site is the Samaritan Medical Center, a medical office complex with surface parking. Figure 1: Regional Vicinity and Figure 2: Site Vicinity, depict the Project site in a regional and local context.

1.2 Project Description

Located in an urban area with a mix of commercial uses, single-family, and multi-family residential developments, the Project site is currently the Good Samaritan Hospital campus. The campus contains a day care center, the hospital building (Building A and Building B), a helipad in the northwest corner of the site, landscaping, and surface parking. The existing hospital building is divided into two different wings. Building A is the main building with emergency operations totaling approximately 359,000 square feet (sf), and Building B operates as a women's and children's services wing totaling approximately 85,000 sf. With the day care center totaling approximately 6,700 sf, the existing hospital campus is approximately 450,700 sf. Figure 3: Existing Conditions depicts the Project site along with the current existing uses.

The proposed Project's existing land use designation is Neighborhood/Community Commercial (NCC), and the existing zoning designation is Planned Development (Agriculture Base District) (A(PD)). Project implementation would require a new Planned Development District to authorize the Project's new uses and therefore a zone change would be required. The Project proposes a rezone (File No. PDC22-132) from the existing (A(PD)) Planned Development Zoning District to the Commercial General Planned Development (CG(PD)) Zoning District.[1] The new (CG(PD)) Planned Development Zoning District would authorize the new hospital wing components and additional uses (i.e., cafeterias and retail shops), as well as updated standards to address the modernization of the hospital's healthcare system and operations. In addition, a new planned development permit(s) would be required to implement the new PD Zoning.

Although the Project would be constructed in phases, the hospital would plan and stage operations throughout the expansion in order to allow for continuous uninterrupted operation of the hospital. Construction for all phases would follow a conventional construction sequence of demolition, site

[1] The file number that refers to the rezone from the existing A(PD) to the CGCG(PD) is PDC22-132. Available at https://www.sanjoseca.gov/home/showpublisheddocument/98866/638212178270430000, accessed July 11, 2023.

preparation, grading/earthwork, paving, building construction, and architectural coating. See Figure 4: Project Site Plan for more details.

Phase 1

Phase 1 would include demolition of 20,946 square feet in Building A and demolition of the 6,700 sf daycare center to construct a new 253,000-square –foot, five-story parking garage (Garage East), a 23,750-square-foot detached central utility plant and underground water and sewer tanks, and an approximately 548,444-square-foot, eight-story hospital building (Building C).

Garage East would be in the northeastern region of the Project site and would provide 653 parking spaces that would aid in parking capacity for future expansion. Additionally, a new loading dock and accompanying dock canopy is proposed at grade-level on the west side of Building C, north of the existing four-story Women's and Children Center hospital wing (existing Building B). The loading area would be accessed from an internal drive aisle from Samaritan Drive, and the northern perimeter drive aisle.

In Phase 1, a Health Care Access and Information (HCAI) compliant two-story approximately 23,750 sf Central Utility Plant, Mechanical Yard, and Oxygen (O_2) Yard is proposed to the east of proposed Building C and west of Garage East to provide power and utility infrastructure to support the hospital operations.

Phase 1 would result in approximately 40,000 cubic yards (cy) of soil export from the Project site and approximately 10,000 cy of soil import. Construction Phase 1 would occur over approximately 5.8 years (i.e., 69 months), anticipated to begin in March 2024. See Figure 5: Proposed Project Phase 1 Conceptual Site Plan for more details.

Phase 2

In Phase 2 the existing non-compliant hospital building (Building A) would be demolished totaling approximately 338,054 sf of demolition. The basement of the demolished hospital would be infilled with approximately 16 feet of fill and then approximately 421 surface parking stalls would be constructed.

Phase 2 would result in approximately 1,000 cy of soil export and 70,000 cy of soil import. Phase 2 is anticipated to begin in 2029 and occur over approximately two years. See Figure 6: Proposed Project Phase 2 Conceptual Site Plan for more details.

Phase 3

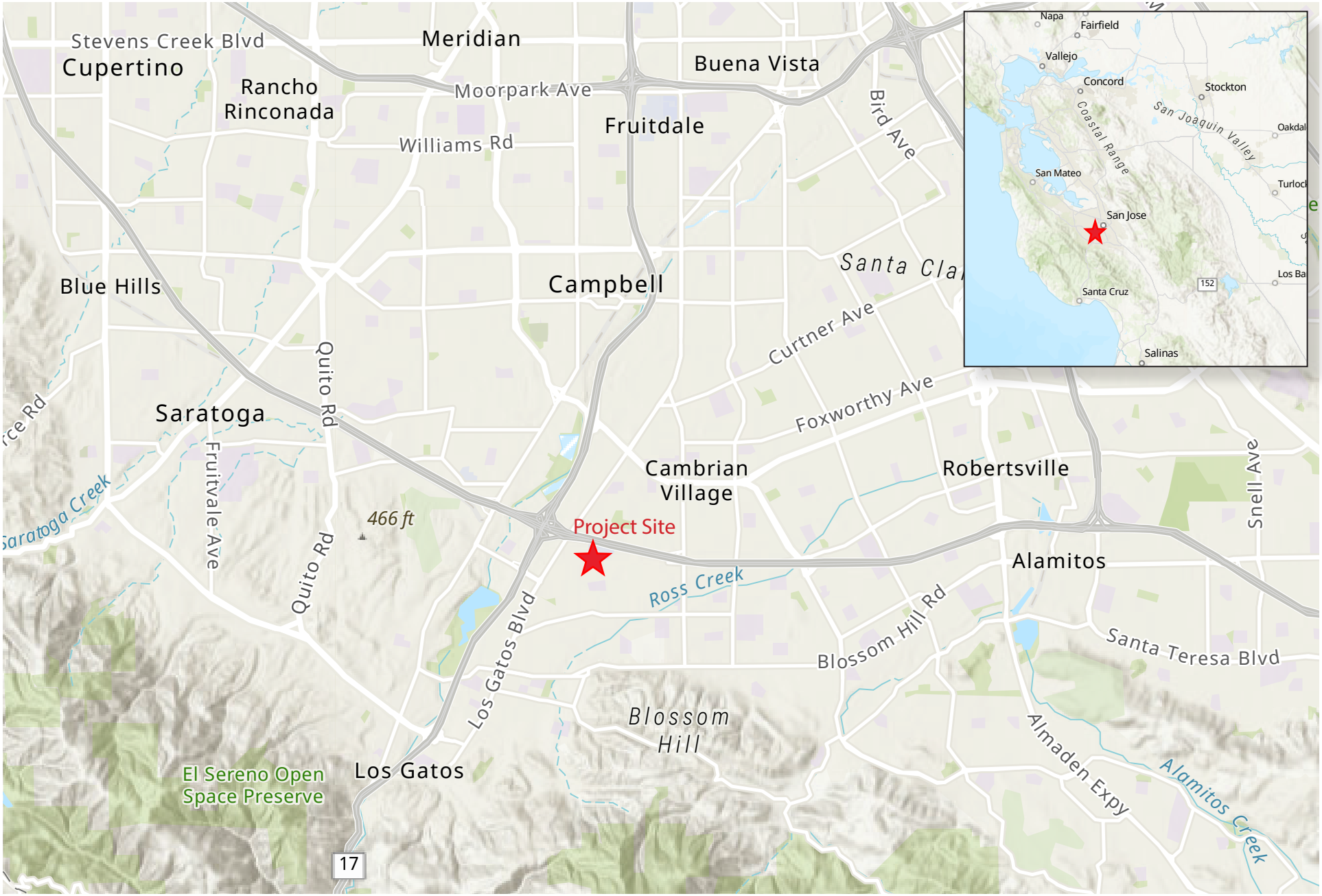
Phase 3 would construct an approximately 202,000 sf hospital wing (Building D), an approximately 200,000 sf medical office building (Building E), and an approximately 425,208 sf six-story garage structure (Garage West) with up to 1,154 parking stalls.

Building E is proposed to be constructed at the southern edge of the Project site, near the intersection of Samaritan Drive at Samaritan Place and would be eight stories tall and have approximately 25,000 sf of office space per floor with approximately 200,000 sf total.

Additional patient, staff, and visitor parking would be provided in a new free-standing parking structure (Garage West) located on the western edge of the site. Garage West would be fully constructed in Phase 3 and would have approximately 1,154 parking spaces with five levels of parking, including basement. At Phase 3 completion the Good Samaritan Hospital would have up to approximately 2,179 parking spaces. See Figure 7: Proposed Buildout Conceptual Site Plan for more details.

Phase 3 would result in approximately 21,000 CY of soil export and 5,000 CY of soil import. Phase 3 would be constructed over approximately 2.8 years (i.e., 34 months) starting in 2032. The schedule for

construction in all phases would typically occur six days a week (Monday through Saturday) from 7:00 a.m. to 7:00 p.m.



Source: USGS, 2023

Figure 1: Regional Vicinity

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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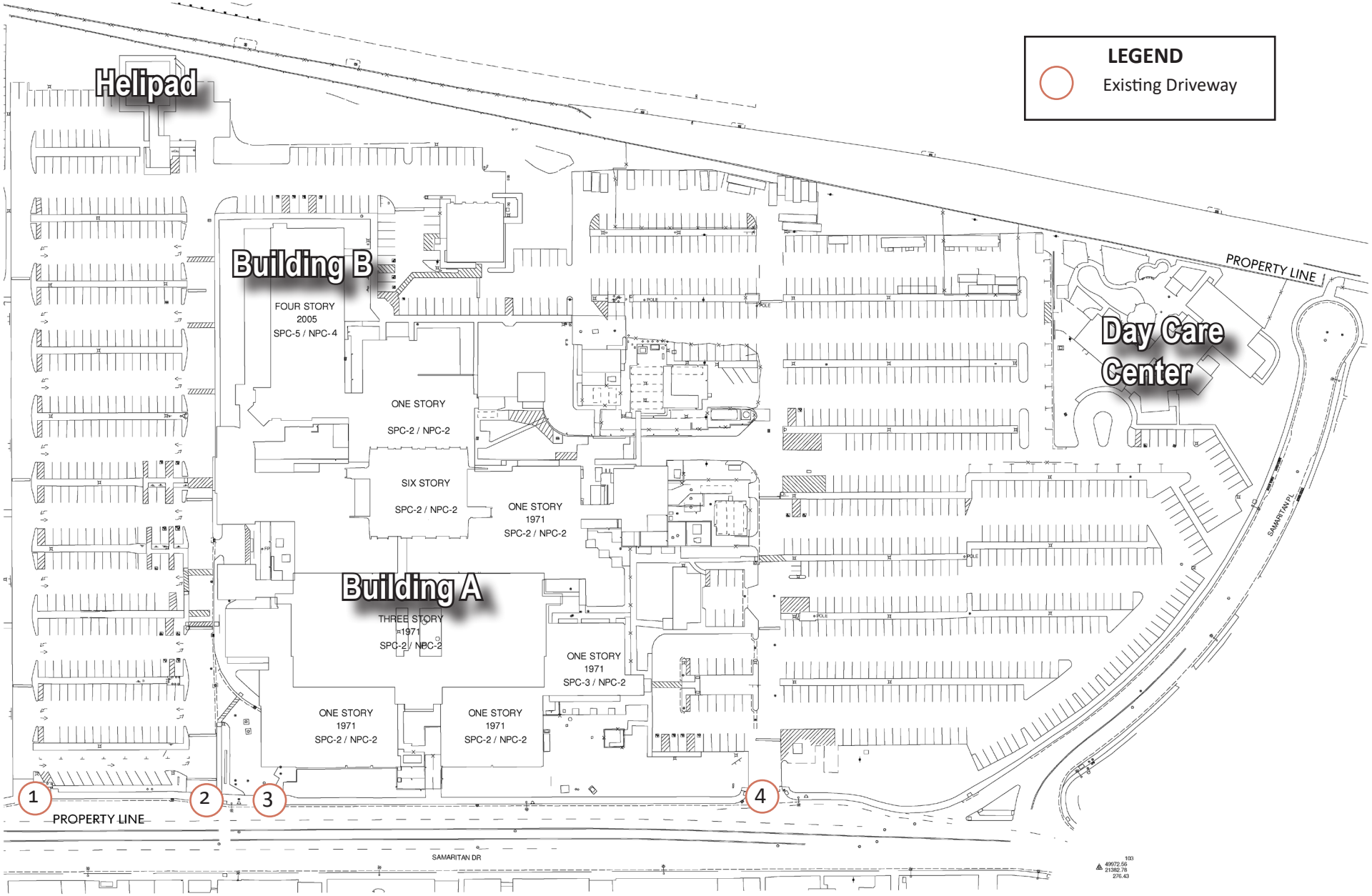
Source: Nearmap, 2023

Figure 2: Site Vicinity

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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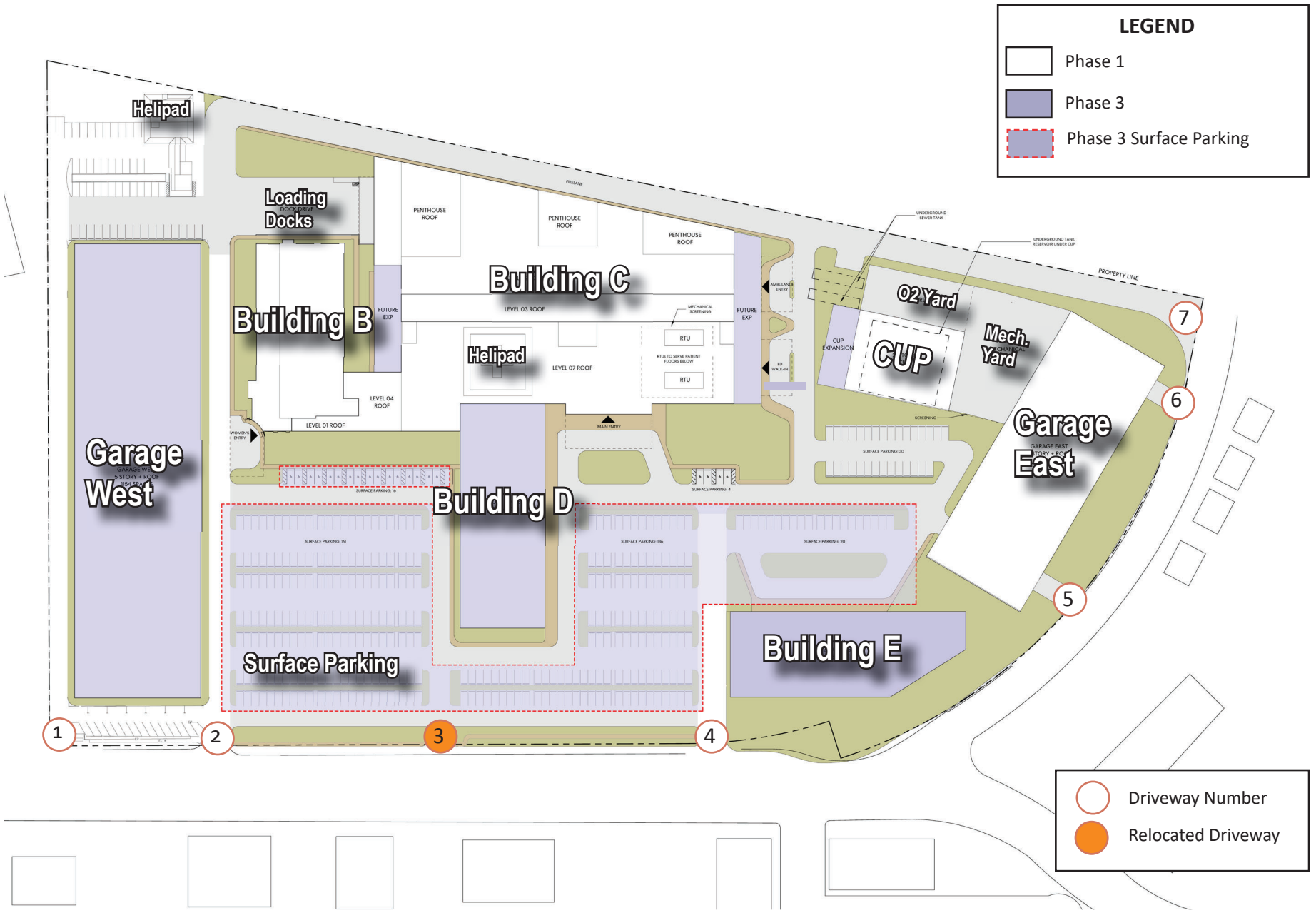
Source: Kimley-Horn, 2023

Figure 3: Existing Conditions

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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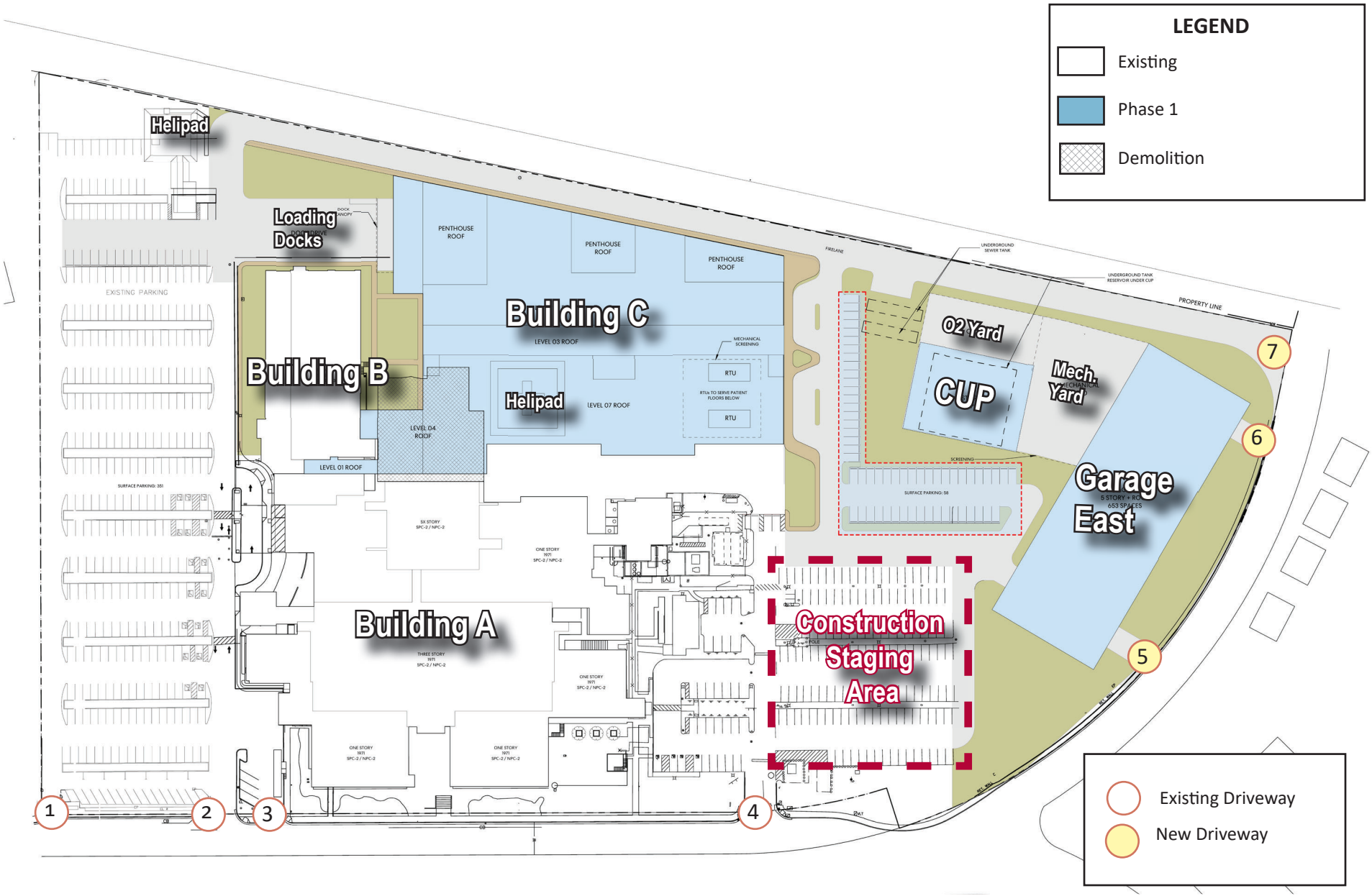
Source: Perkins and Will, 2023

Figure 4: Project Site Plan

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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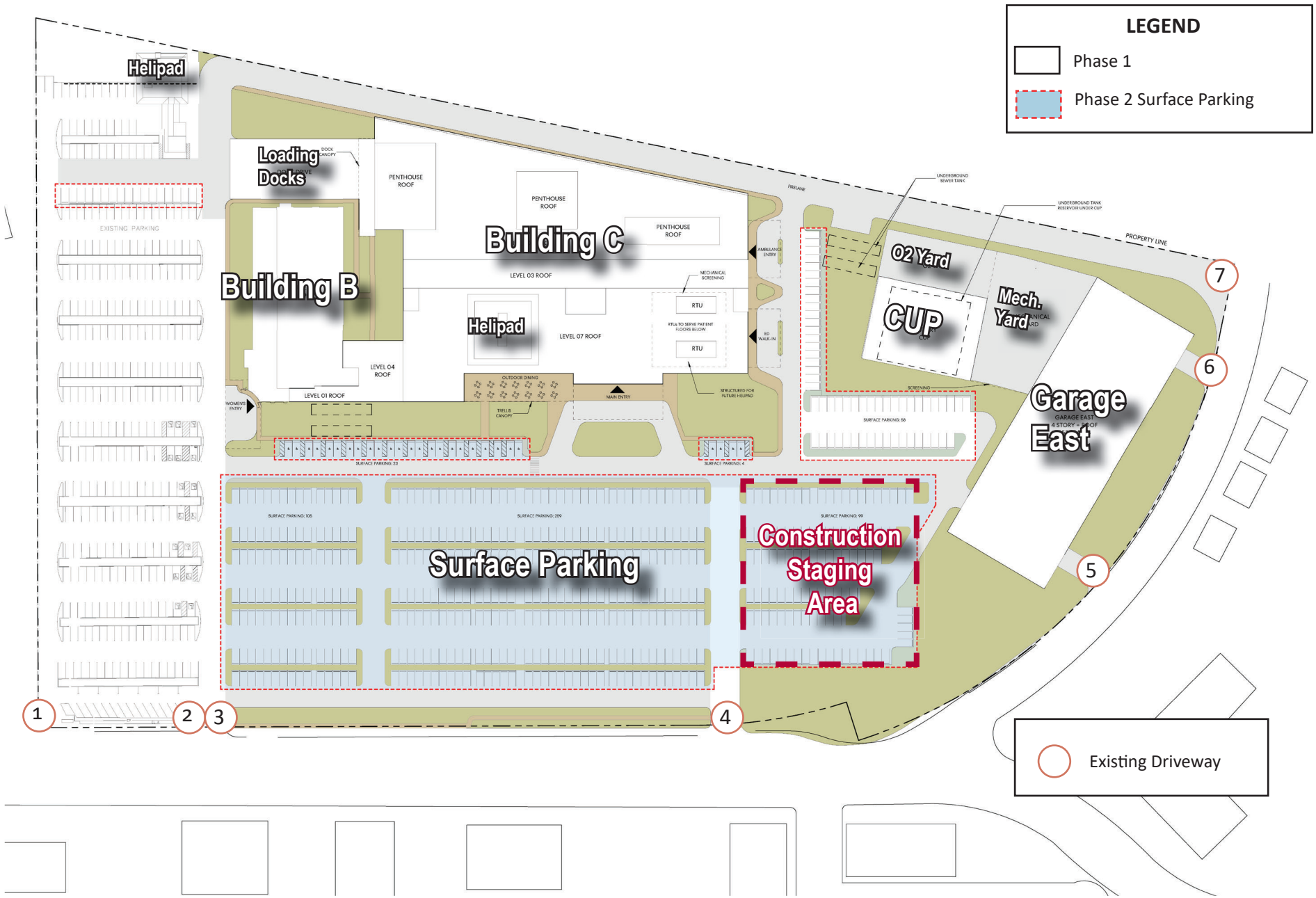
Source: Perkins and Will, 2023

Figure 5: Proposed Project Phase 1 Conceptual Site Plan

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Technical Report

Not to scale

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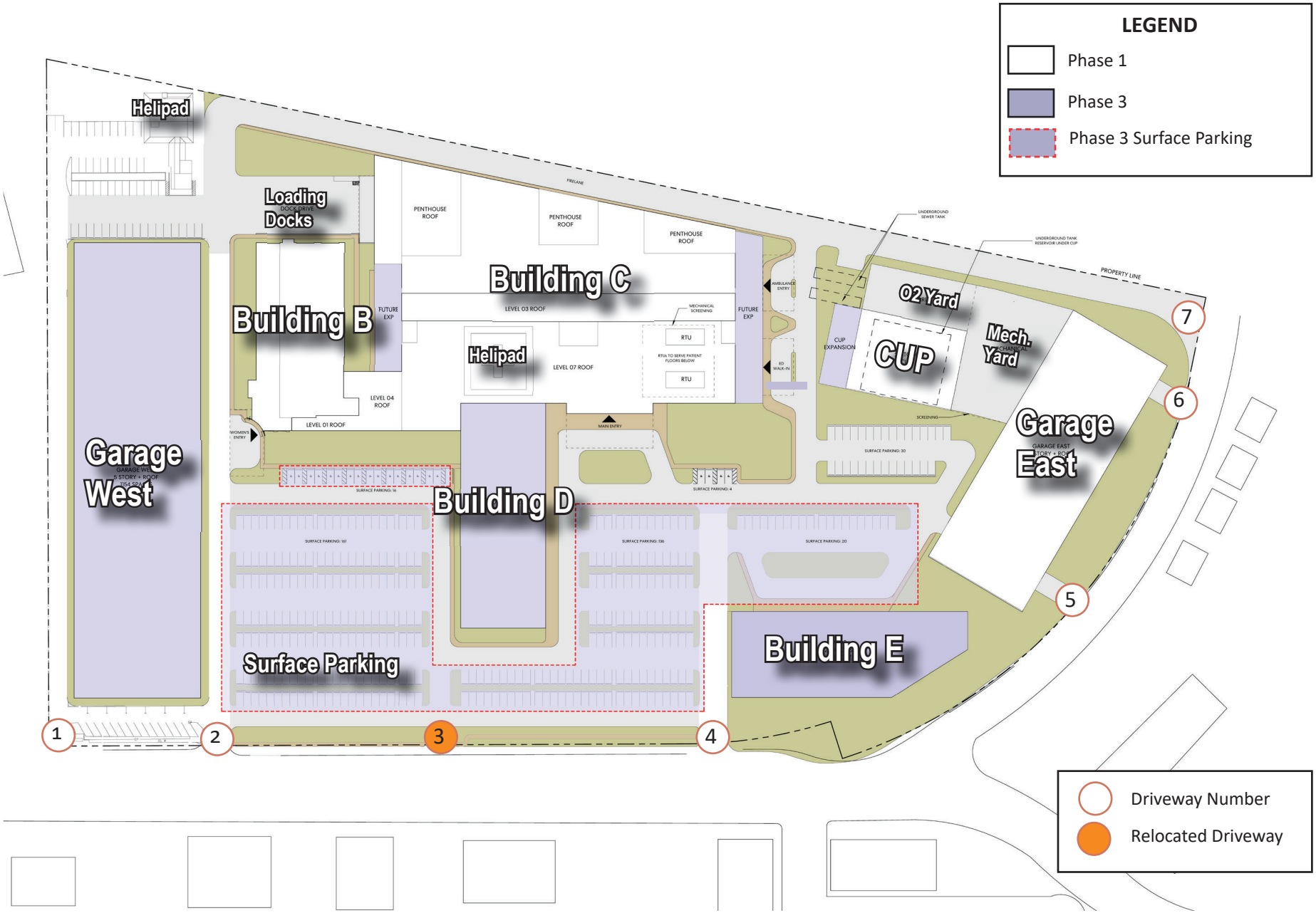
Source: Perkins and Will, 2023

Figure 6: Proposed Project Phase 2 Conceptual Site Plan

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Technical Report

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Source: Perkins and Will, 2023

Figure 7: Proposed Buildout Conceptual Site Plan

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2 ENVIRONMENTAL SETTING

2.1 Greenhouse Gases and Climate Change

Certain gases in the earth's atmosphere classified as GHGs, play a critical role in determining the earth's surface temperature. Solar radiation enters the earth's atmosphere from space. A portion of the radiation is absorbed by the earth's surface and a smaller portion of this radiation is reflected toward space. This absorbed radiation is then emitted from the earth as low-frequency infrared radiation. The frequencies at which bodies emit radiation are proportional to temperature. Because the earth has a much lower temperature than the sun, it emits lower-frequency radiation. Most solar radiation passes through GHGs; however, infrared radiation is absorbed by these gases. As a result, radiation that otherwise would have escaped back into space is instead "trapped," resulting in a warming of the atmosphere. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate on earth.

The primary GHGs contributing to the greenhouse effect are carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). Fluorinated gases also make up a small fraction of the GHGs that contribute to climate change. Examples of fluorinated gases include chlorofluorocarbons (CFCs), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3); however, it is noted that these gases are not associated with typical land use development. Human-caused emissions of GHGs exceeding natural ambient concentrations are believed to be responsible for intensifying the greenhouse effect and leading to a trend of unnatural warming of the Earth's climate, known as global climate change or global warming.

GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants (TACs), which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (approximately one day), GHGs have long atmospheric lifetimes (one to several thousand years). GHGs persist in the atmosphere for long enough time periods to be dispersed around the globe. Although the exact lifetime of a GHG molecule is dependent on multiple variables and cannot be pinpointed, more CO_2 is emitted into the atmosphere than is sequestered by ocean uptake, vegetation, or other forms of carbon sequestration. Of the total annual human-caused CO_2 emissions, approximately 55 percent is sequestered through ocean and land uptakes every year, averaged over the last 50 years, whereas the remaining 45 percent of human-caused CO_2 emissions remains stored in the atmosphere (Intergovernmental Panel on Climate Change, 2013). Table 1: Description of Greenhouse Gases, describes the primary GHGs attributed to global climate change, including their physical properties.

Table 1: Description of Greenhouse Gases

Greenhouse Gas	Description
Carbon Dioxide (CO_2)	CO_2 is a colorless, odorless gas that is emitted naturally and through human activities. Natural sources include decomposition of dead organic matter; respiration of bacteria, plants, animals, and fungus; evaporation from oceans; and volcanic outgassing. Anthropogenic sources are from burning coal, oil, natural gas, and wood. The largest source of CO_2 emissions globally is the combustion of fossil fuels such as coal, oil, and gas in power plants, automobiles, and industrial facilities. The atmospheric lifetime of CO_2 is variable because it is readily exchanged in the atmosphere. CO_2 is the most widely emitted GHG and is the reference gas (Global Warming Potential of 1) for determining Global Warming Potentials for other GHGs.
Nitrous Oxide (N_2O)	N_2O is largely attributable to agricultural practices and soil management. Primary human-related sources of N_2O include agricultural soil management, sewage treatment, combustion of fossil fuels, and adipic and nitric acid production. N_2O is produced from biological sources in soil and water, particularly microbial action in wet tropical forests. The atmospheric lifetime of N_2O is approximately 120 years. The Global Warming Potential of N_2O is 298.
Methane (CH_4)	CH_4, a highly potent GHG, primarily results from off-gassing (the release of chemicals from nonmetallic substances under ambient or greater pressure conditions) and is largely associated with agricultural practices and landfills. CH_4 is the major component of natural gas, approximately 87 percent by volume. Human-related sources include fossil fuel production, animal husbandry, rice cultivation, biomass burning, and waste management. Natural sources of CH_4 include wetlands, gas hydrates, termites, oceans, freshwater bodies, non-wetland soils, and wildfires. The atmospheric lifetime of CH_4 is approximately 12 years and the Global Warming Potential is 25.
Hydrofluorocarbons (HFCs)	HFCs are typically used as refrigerants for both stationary refrigeration and mobile air conditioning. The use of HFCs for cooling and foam blowing is increasing, as the continued phase out of CFCs and HCFCs gains momentum. The 100-year Global Warming Potential of HFCs range from 124 for HFC-152 to 14,800 for HFC-23.
Perfluorocarbons (PFCs)	PFCs have stable molecular structures and only break down by ultraviolet rays approximately 60 kilometers above Earth's surface. Because of this, they have long lifetimes, between 10,000 and 50,000 years. Two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Global Warming Potentials range from 6,500 to 9,200.
Chlorofluorocarbons (CFCs)	CFCs are gases formed synthetically by replacing all hydrogen atoms in CH_4 or ethane with chlorine and/or fluorine atoms. They are nontoxic, nonflammable, insoluble, and chemically unreactive in the troposphere (the level of air at the earth's surface). CFCs were synthesized in 1928 for use as refrigerants, aerosol propellants, and cleaning solvents. The Montreal Protocol on Substances that Deplete the Ozone Layer prohibited their production in 1987. Global Warming Potentials for CFCs range from 3,800 to 14,400.
Sulfur Hexafluoride (SF_6)	SF_6 is an inorganic, odorless, colorless, and nontoxic, nonflammable gas. It has a lifetime of 3,200 years. This gas is manmade and used for insulation in electric power transmission equipment, in the magnesium industry, in semiconductor manufacturing, and as a tracer gas. The Global Warming Potential of SF_6 is 23,900.
Hydrochlorofluoro-carbons (HCFCs)	HCFCs are solvents, similar in use and chemical composition to CFCs. The main uses of HCFCs are for refrigerant products and air conditioning systems. As part of the Montreal Protocol, HCFCs are subject to a consumption cap and gradual phase out. The United States is scheduled to achieve a 100 percent reduction to the cap by 2030. The 100-year Global Warming Potentials of HCFCs range from 90 for HCFC-123 to 1,800 for HCFC-142b.
Nitrogen Trifluoride (NF_3)	NF_3 was added to Health and Safety Code section 38505(g)(7) as a GHG of concern. This gas is used in electronics manufacture for semiconductors and liquid crystal displays. It has a high global warming potential of 17,200.

Source: Compiled from U.S. EPA, *Overview of Greenhouse Gases*, April 13, 2023 (https://www.epa.gov/ghgemissions/overview-greenhouse-gases), accessed September 2023; U.S. EPA, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2016*, 2018; Intergovernmental Panel on Climate Change, *Climate Change 2007: The Physical Science Basis*, 2007; National Research Council, Advancing the Science of Climate Change, 2010; U.S. EPA, *Methane and Nitrous Oxide Emission from Natural Sources*, April 2010.

Potential Climate Change Effects Climate change is a complex process that has the potential to alter local climatic patterns and meteorology. Although modeling indicates that climate change will result in sea-level rise, both globally and in San Francisco Bay, as well as changes in climate and rainfall, among other effects, there remains uncertainty about characterizing precise local climate characteristics and predicting precisely how various ecological and social systems will react to changes in the existing climate at the local level. Regardless of this uncertainty, it is widely understood that substantial climate change has occurred and will continue to occur in the future, although the precise extent will take further research to define. Specifically, the effects from global climate change in California and worldwide include the following:

- Declining sea ice and mountain snowpack levels, thereby increasing sea levels and sea surface evaporation rates, with a corresponding increase in atmospheric water vapor due to the atmosphere's ability to hold more water vapor at higher temperatures.[2]
- Rising average global sea levels, due primarily to thermal expansion in the oceans and the melting of glaciers, ice caps, and the Greenland and Antarctic ice sheets.[3]
- Changing weather patterns, including changes in precipitation and wind patterns, and more energetic episodes of extreme weather, including droughts, heavy precipitation, heat waves, extreme cold, and intense tropical cyclones.[4]
- Declining Sierra Nevada snowpack levels, which account for approximately half of the surface water storage in California. Snow levels could decline by 70 to as much as 90 percent over the next 100 years.[5]
- Increases in the number of days that could be conducive to ground-level ozone formation (e.g., clear days with intense sunlight) by the end of the 21st century in areas with high levels of ozone. The number of days could increase by 25 to 85 percent, depending on the future temperature scenario.[6]
- Increases in the potential for erosion of California's coastlines as well as seawater intrusion into the Sacramento Delta and associated levee systems due to the rise in sea level.[7]
- The severity of drought conditions in California could be exacerbated (e.g., durations and intensities could be amplified, ultimately increasing the risk of wildfires and consequential damage).[8]
- Under changing climate conditions, agricultural operations are forecast to experience lower crop yields due to extreme heat waves, heat stress, increased water needs of crops and livestock (particularly during dry and warm years), and new and changing pest and disease threats.[9]

The impacts of climate change, such as increases in the number of heat-related events, droughts, and wildfires, pose direct and indirect risks to public health, with people experiencing worsening episodes

[2] California Natural Resources Agency. 2018. California's Fourth Climate Change Assessment Statewide Summary Report. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Statewide_Reports-SUM-CCCA4- 2018-013_Statewide_Summary_Report_ADA.pdf.
[3] Intergovernmental Panel on Climate Change. 2018. Global Warming of 1.5°C. Contribution of Working Group I, II, and III (Summary for Policy Makers). Available: https://www.ipcc.ch/sr15/.
[4] Ibid.
[5] California Natural Resources Agency. 2018. California's Fourth Climate Change Assessment Statewide Summary Report. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Statewide_Reports-SUM-CCCA4-2018-013_Statewide_Summary_Report_ADA.pdf.
[6] Ibid.
[7] Ibid.
[8] Ibid.
[9] Ibid.

of illness and an earlier death. Indirect impacts on public health include increases in incidents of vector-borne diseases, stress and mental trauma due to extreme events and disasters, economic disruptions, and residential displacement.[10]

3 REGULATORY SETTING

3.1 Federal

To date, national standards have not been established for nationwide GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level. Various efforts have been promulgated at the federal level to improve fuel economy and energy efficiency to address climate change and its associated effects.

Clean Air Act

In April 2007, in Massachusetts v. EPA, the U.S. Supreme Court directed the Administrator of the U.S. Environmental Protection Agency (U.S. EPA) to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In making these decisions, the U.S. EPA Administrator was directed to follow the language of Section 202(a) of the Clean Air Act (CAA). In December 2009, the Administrator signed a final rule with two distinct findings regarding GHGs under Section 202(a) of the CAA:

- Elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is referred to as the "endangerment finding."
- The combined emissions of GHGs— CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is referred to as the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the CAA.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 (December 2007), among other key measures, requires the following, which would aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

[10] Ibid.

Additional provisions of the Energy Independence and Security Act (EISA) address energy savings in government and public institutions, promote research for alternative energy, additional research in carbon capture, international energy programs, and the creation of "green jobs."

U.S. Environmental Protection Agency Endangerment Finding

The U.S. EPA authority to regulate GHG emissions stems from the U.S. Supreme Court decision in Massachusetts v. EPA (2007). The Supreme Court ruled that GHGs meet the definition of air pollutants under the existing Federal Clean Air Act (FCAA) and must be regulated if these gases could be reasonably anticipated to endanger public health or welfare. Responding to the Court's ruling, the U.S. EPA finalized an endangerment finding in December 2009. Based on scientific evidence, it found that six GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6) constitute a threat to public health and welfare. Thus, it is the Supreme Court's interpretation of the existing FCAA and the U.S. EPA's assessment of the scientific evidence that form the basis for the U.S. EPA's regulatory actions.

Federal Vehicle Standards

In response to the U.S. Supreme Court ruling discussed above, Executive Order 13432 was issued in 2007 directing the U.S. EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the U.S. EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016.

In 2010, an Executive Memorandum was issued directing the Department of Transportation, Department of Energy, U.S. EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the U.S. EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency.

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the U.S. EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018. The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the U.S. EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6 to 23 percent over the 2010 baseline.[11]

In August 2016, the U.S. EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. The final standards are expected to lower CO_2 emissions by approximately 1.1 billion metric tons and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program.

[11] U.S. EPA and NHTSA, *Greenhouse Gas Emissions and Fuel Efficiency Standards for Medium and Heavy-Duty Engines and Vehicles – Phase 2,* 2016. Available at: https://www.gpo.gov/fdsys/pkg/FR-2016-10-25/pdf/2016-21203.pdf. Accessed: September 2023.

On September 27, 2019, the U.S. EPA and the NHTSA published the "Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program." (84 Fed. Reg. 51,310 (Sept. 27, 2019.)[12] The SAFE Rule (Part One) revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle mandates in California. On March 31, 2020, the U.S. EPA and NHTSA finalized rulemaking for SAFE Part Two sets CO_2 emissions standards and corporate average fuel economy (CAFE) standards for passenger vehicles and light duty trucks, covering model years 2021-2026. The current U.S. EPA administration repealed SAFE Rule Part One, effective January 28, 2022, and is reconsidering Part Two.

In December 2021, the U.S. EPA finalized federal GHG emissions standards for passenger cars and light trucks for Model Years 2023 through 2026. These standards are the strongest vehicle emissions standards ever established for the light-duty vehicle sector and are based on sound science and grounded in a rigorous assessment of current and future technologies. The updated standards will result in avoiding more than three billion tons of GHG emissions through 2050.[13]

Paris Climate Agreement

The Paris Agreement was negotiated within the United Nations Framework Convention on Climate Change in 2015 to reduce GHG emissions internationally. The goal of the Paris Agreement was to keep the global temperature rise this century to below 2 degrees Celsius above pre-industrial standards, with efforts to limit temperature increase even further to 1.5 degrees Celsius. The Paris Agreement became effective on November 4, 2016. As of October 5, 2016, 155 of 197 parties had ratified the Paris Agreement. On January 20, 2021, President Biden signed an Executive Order formally rejoining the United States to the Paris Agreement.[14]

Executive Order 14008

On January 27, 2021, President Biden issued an Executive Order on Tackling the Climate Crisis at Home and Abroad (Executive Order 14008)[15]. Part I of the Order highlights putting the climate crisis at the center of United States foreign policy and national security. Addressing the climate crisis will require significant short-term global reductions in GHG emissions and net-zero global emissions by mid-century or sooner. The United States will pursue green recovery efforts and initiatives to advance the clean energy transition.

Part II of the Order relays the government-wide approach to the climate crisis, which involves reducing climate pollution in every sector of the economy, especially through innovation, commercialization, and deployment of clean energy technologies and infrastructure. A National Climate Task Force is established to focus on addressing the climate crisis through key federal actions to reduce climate change impacts. A 100 percent carbon pollution-free electricity sector is targeted by no later than 2035 and a net-zero emissions economy is to be achieved by no later than 2050. Offshore wind is aimed to be doubled by 2030. Opportunities for federal funding of clean energy technology and infrastructure shall be identified. Federal permitting decisions need to consider the effects of GHG emissions and climate change.[2]

[12] U.S. EPA and NHTSA, Federal Register, Vol. 84, No. 188, *The Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program*, September 27, 2019. Available at: https://www.govinfo.gov/content/pkg/FR-2019-09-27/pdf/2019-20672.pdf. Accessed: September 2023.
[13] U.S. EPA, *Final Rule to Revise Existing National GHG Emissions Standards for Passenger Cars and Light Trucks Through Model Year 2026,* 2021. Available at: https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-revise-existing-national-ghg-emissions. Accessed: September 2023.
[14] White House Briefing Room. 2021. *Paris Climate Agreement.* January 20. Available at: https://www.whitehouse.gov/briefing-room/statements-releases/2021/01/20/paris-climate-agreement/. Accessed: September 2023
[15] White House Briefing Room. 2021. Executive Order on Tackling the Climate Crisis at Home and Abroad. January 27. Available at:https://www.whitehouse.gov/briefing-room/presidential-actions/2021/01/27/executive-order-on-tackling-the-climate-crisis-at-home-and-abroad/ Accessed: September 2023.

3.2 State of California

California Air Resources Board

The California Air Resources Board (CARB) is responsible for the coordination and oversight of State and local air pollution control programs in California. Various statewide and local initiatives to reduce California's contribution to GHG emissions have raised awareness about climate change and its potential for severe long-term adverse environmental, social, and economic effects. California is a significant emitter of carbon dioxide equivalent (CO_2e) in the world and produced 369 million gross metric tons (MMT) of CO_2e in 2020.[16] The transportation sector is the State's largest emitter of GHGs, followed by industrial operations such as manufacturing and oil and gas extraction.

The State of California legislature has enacted a series of bills that constitute the most aggressive program to reduce GHGs of any state in the nation. Some legislation, such as the landmark AB 32 California Global Warming Solutions Act of 2006, was specifically enacted to address GHG emissions. Other legislation, such as Title 24 building efficiency standards and Title 20 appliance energy standards, were originally adopted for other purposes such as energy and water conservation, but also provide GHG reductions. This section describes the major legislation related to GHG emissions reduction.

Assembly Bill 32 (California Global Warming Solutions Act of 2006)

AB 32 instructs the CARB to develop and enforce regulations for the reporting and verifying statewide GHG emissions. AB 32 also directed CARB to set a GHG emissions limit based on 1990 levels, to be achieved by 2020. It set a timeline for adopting a scoping plan for achieving GHG reductions in a technologically and economically feasible manner.

CARB Scoping Plan

Adopted December 15, 2022, CARB's 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan) sets a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels by 2045 in accordance with AB 1279. To achieve the targets of AB 1279, the 2022 Scoping Plan relies on existing and emerging fossil fuel alternatives and clean technologies, as well as carbon capture and storage. Specifically, the 2022 Scoping Plan focuses on zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines); and scaling up new options such as green hydrogen.

The key elements of the 2022 CARB Scoping Plan focus on transportation. Specifically, the 2022 Scoping Plan aims to rapidly move towards zero-emission transportation (i.e., electrifying cars, buses, trains, and trucks), which constitutes California's single largest source of GHGs. The regulations that impact the transportation sector are adopted and enforced by CARB on vehicle manufacturers and are outside the jurisdiction and control of local governments. The 2022 Scoping Plan accelerates development of new regulations as well as amendments to strengthen regulations and programs already in place.

Included in the 2022 Scoping Plan is a set of Local Actions (2022 Scoping Plan Appendix D) aimed at providing local jurisdictions with recommendations to reduce GHGs and assist the state in meeting the ambitious targets set forth in the 2022 Scoping Plan. Appendix D to the 2022 Scoping Plan is not regulatory, is not exhaustive, and does not include everything local governments can implement to

[16] California Air Resources Board, Current California GHG Emissions Inventory Data, 2000-2020 GHG inventory (2022 Edition), https://ww2.arb.ca.gov/ghg-inventory-data, accessed September 2023.

support the State's climate goals. It focuses primarily on climate action plans (CAPs) and local authority over new residential development. It includes a section on evaluating plan-level and project-level alignment with the State's Climate Goals in CEQA GHG analyses. In this section, CARB identifies several recommendations and strategies that should be considered for new development in order to determine consistency with the 2022 Scoping Plan. CARB specifically states that Section 3 of Appendix D, which discusses land use plans and development projects, does not address land uses other than residential and mixed-use residential such as industrial. However, CARB plans to explore new approaches for other land use types in the future.

Senate Bill (SB) 32 (California Global Warming Solutions Act of 2006: Emissions Limit)

Signed into law in September 2016, SB 32 codifies the 2030 GHG reduction target in Executive Order B-30-15 (40 percent below 1990 levels by 2030). The bill authorizes CARB to adopt an interim GHG emissions level target to be achieved by 2030. CARB also must adopt rules and regulations in an open public process to achieve the maximum, technologically feasible, and cost-effective GHG reductions.

With SB 32, the Legislature passed companion legislation, AB 197, which provides additional direction for developing the Scoping Plan. On December 14, 2017, CARB adopted a second update to the Scoping Plan (CARB, 2017b). The 2017 Scoping Plan details how the State will reduce GHG emissions to meet the 2030 target set by Executive Order B-30-15 and codified by SB 32. Other objectives listed in the 2017 Scoping Plan are to provide direct GHG emissions reductions; support climate investment in disadvantaged communities; and support the Clean Power Plan and other Federal actions. In 2022, CARB published the 2022 Scoping Plan, which is discussed above.

SB 375 (The Sustainable Communities and Climate Protection Act of 2008)

Signed into law on September 30, 2008, SB 375 provides a process to coordinate land use planning, regional transportation plans (RTP), and funding priorities to help California meet AB 32's GHG reduction goals. SB 375 requires metropolitan planning organizations to include sustainable community strategies in their RTPs reducing GHG emissions, aligns planning for transportation and housing, and creates specified incentives for the implementation of the strategies. The Metropolitan Transportation Commission (MTC) and Association of Bay Area Governments (ABAG) serve as the metropolitan planning organization for the nine counties in the Bay Area region. The applicable sustainable community strategy in the Bay Area is Plan Bay Area 2050, which sets out a path toward achieving a 20 percent per capita reduction in GHG emissions from passenger cars and light-duty trucks by 2035.

AB 1493 (Pavley Regulations and Fuel Efficiency Standards)

AB 1493, enacted on July 22, 2002, required CARB to develop and adopt regulations that reduce GHGs emitted by passenger vehicles and light duty trucks. Implementation of the regulation was delayed by lawsuits filed by automakers and by the U.S. EPA's denial of an implementation waiver. The U.S. EPA subsequently granted the requested waiver in 2009, which was upheld by the U.S. District Court for the District of Columbia in 2011. The regulations establish one set of emission standards passenger vehicle and light duty truck model years 2009–2016 and a second set of emissions standards for model years 2017 to 2025. By 2025, when all rules will be fully implemented, new automobiles will emit 34 percent fewer CO_2e emissions and 75 percent fewer smog-forming emissions.

SB 1368 (Emission Performance Standards)

SB 1368 is the companion bill of AB 32, which directs the California Public Utilities Commission (CPUC) to adopt a performance standard for GHG emissions for the future power purchases of California utilities. SB

1368 limits carbon emissions associated with electrical energy consumed in California by forbidding procurement arrangements for energy longer than 5 years from resources that exceed the emissions of a relatively clean, combined cycle natural gas power plant. The new law effectively prevents California's utilities from investing in, otherwise financially supporting, or purchasing power from new coal plants located in or out of the state. The CPUC adopted the regulations required by SB 1368 on August 29, 2007. The regulations implementing SB 1368 establish a standard for baseload generation owned by, or under long-term contract to publicly owned utilities, for 1,100 pounds of CO_2 per megawatt-hour.

SB 1078, SB 107, and SBX1-2 (Renewable Electricity Standards)

SB 1078 (2002) required California to generate 20 percent of its electricity from renewable energy by 2017. SB 107 (2006) changed the due date to 2010 instead of 2017. On November 17, 2008, Executive Order S-14-08 established a Renewable Portfolio Standard target for California requiring that all retail sellers of electricity serve 33 percent of their load with renewable energy by 2020. Executive Order S-21-09 also directed CARB to adopt a regulation by July 31, 2010, requiring the state's load serving entities to meet a 33 percent renewable energy target by 2020. CARB approved the Renewable Electricity Standard on September 23, 2010, by Resolution 10-23. SB X1-2 codified the 33 percent by 2020 goal.

SB 350 (Clean Energy and Pollution Reduction Act of 2015)

Signed into law on October 7, 2015, SB 350 implements Executive Order B-30-15's goals. The SB 350 objectives are to increase the procurement of electricity from renewable sources from 33 percent to 50 percent (with interim targets of 40 percent by 2024, and 45 percent by 2027) and to double the energy efficiency savings in electricity and natural gas end uses of retail customers through energy efficiency and conservation. SB 350 also reorganizes the Independent System Operator to develop more regional electricity transmission markets and improve accessibility in these markets, which will facilitate the growth of renewable energy markets in the western United States.

AB 398 (Market-Based Compliance Mechanisms)

The Cap-and-Trade program covers approximately 80 percent of California's GHG emissions.[17] The statewide cap for GHG emissions from the capped sectors (i.e., electricity generation, industrial sources, petroleum refining, and cement production) commenced in 2013 and would decline approximately three percent each year, achieving GHG emission reductions throughout the program's duration. Signed on July 25, 2017, AB 398 extended the duration of the Cap-and-Trade program from 2020 to 2030. AB 398 required CARB to update the Scoping Plan and for all GHG rules and regulations adopted by the State. It also designated CARB as the statewide regulatory body responsible for ensuring that California meets its statewide carbon pollution reduction targets, while retaining local air districts' responsibility and authority to curb toxic air TACs and criteria pollutants from local sources that severely impact public health. AB 398 also decreased free carbon allowances over 40 percent by 2030 and prioritized Cap-and-Trade spending to various programs including reducing diesel emissions in impacted communities.

SB 150 (Regional Transportation Plans)

Signed on October 10, 2017, SB 150 aligns local and regional GHG reduction targets with State targets (i.e., 40 percent below their 1990 levels by 2030). SB 150 creates a process to include communities in discussions on how to monitor their regions' progress on meeting these goals. The bill also requires the CARB to regularly report on that progress, as well as on the successes and the challenges regions

[17] California Air Resources Board, *Cap-and-Trade Program*, https://ww2.arb.ca.gov/our-work/programs/cap-and-trade-program/about, Accessed September 2023.

experience associated with achieving their targets. SB 150 provides for accounting of climate change efforts and GHG reductions and identify effective reduction strategies.

AB 1346 (Air Pollution: Small Off-Road Engines)

Signed into Law in October 2021, AB 1346 requires CARB, to adopt cost-effective and technologically feasible regulations to prohibit engine exhaust and evaporative emissions from new small off-road engines, consistent with federal law, by July 1, 2022. The bill requires CARB to identify and, to the extent feasible, make available funding for commercial rebates or similar incentive funding as part of any updates to existing applicable funding program guidelines to local air pollution control districts and air quality management districts to implement to support the transition to zero-emission small off-road equipment operations.

AB 1279 (The California Climate Crisis Act)

AB 1279 establishes the policy of the State to achieve carbon neutrality as soon as possible, but no later than 2045; to maintain net negative GHG emissions thereafter; and to ensure that by 2045 statewide anthropogenic GHG emissions are reduced at least 85 percent below 1990 levels. The bill requires CARB to ensure that Scoping Plan updates identify and recommend measures to achieve carbon neutrality, and to identify and implement policies and strategies that enable CO_2 removal solutions and carbon capture, utilization, and storage technologies.

SB 100 and SB 1020 (California Renewables Portfolio Standard Program: 100 Percent Clean Electric Grid)

Signed into law in September 2018, SB 100 increased California's renewable electricity portfolio from 50 to 60 percent by 2030. SB 100 also established a further goal to have an electric grid that is entirely powered by clean energy by 2045.SB 1020 provides additional goals for the path to the 2045 goal of 100 percent clean electricity retail sales. It creates a target of 90 percent clean electricity retail sales by 2035 and 95 percent clean electricity retail sales by 2040.

SB 905 (Carbon Sequestration Program)

Signed on September 16, 2022, SB 905 establishes regulatory framework and policies that involve carbon removal, carbon capture, utilization, and sequestration. It also prohibits the injecting of concentrated $_{CO2}$ fluid into a Class II injection well for the purpose of enhanced oil recovery.

AB 1757 (Nature-Based Solutions)

Signed on September 16, 2022, AB 1757 requires State agencies to develop a range of targets for natural carbon sequestration and nature-based climate solutions that reduce GHG emissions to meet the 2030, 2038, and 2045 goals which would be integrated into a scoping plan addressing natural and working lands.

Executive Orders Related to GHG Emissions

California's Executive Branch has taken several actions to reduce GHGs using executive orders. Although not regulatory, they set the state's tone and guide the actions of state agencies.

Executive Order S-3-05. Executive Order S-3-05 was issued on June 1, 2005, which established the following GHG emissions reduction targets:

- By 2010, reduce greenhouse gas emissions to 2000 levels.
- By 2020, reduce greenhouse gas emissions to 1990 levels.
- By 2050, reduce greenhouse gas emissions to 80 percent below 1990 levels.

The 2050 reduction goal represents what some scientists believe is necessary to reach levels that will stabilize the climate. The 2020 goal was established to be a mid-term target. Because this is an executive order, the goals are not legally enforceable for local governments or the private sector.

Executive Order S-01-07. Issued on January 18, 2007, Executive Order S-01-07 mandates that a statewide goal shall be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020. The executive order established a Low Carbon Fuel Standard (LCFS) and directed the Secretary for Environmental Protection to coordinate the actions of the California Energy Commission, CARB, the University of California, and other agencies to develop and propose protocols for measuring the "life-cycle carbon intensity" of transportation fuels. CARB adopted the LCFS on April 23, 2009

Executive Order S-13-08. Issued on November 14, 2008, Executive Order S-13-08 facilitated the California Natural Resources Agency development of the 2009 California Climate Adaptation Strategy. Objectives include analyzing risks of climate change in California, identifying and exploring strategies to adapt to climate change, and specifying a direction for future research.

Executive Order S-14-08. Issued on November 17, 2008, Executive Order S-14-08 expands the state's Renewable Energy Standard to 33 percent renewable power by 2020. Additionally, Executive Order S-21-09 (signed on September 15, 2009) directs CARB to adopt regulations requiring 33 percent of electricity sold in the state come from renewable energy by 2020. CARB adopted the Renewable Electricity Standard on September 23, 2010, which requires 33 percent renewable energy by 2020 for most publicly owned electricity retailers.

Executive Order S-21-09. Issued on July 17, 2009, Executive Order S-21-09 directs CARB to adopt regulations to increase California's Renewable Portfolio Standard (RPS) to 33 percent by 2020. This builds upon SB 1078 (2002), which established the California RPS program, requiring 20 percent renewable energy by 2017, and SB 107 (2006), which advanced the 20 percent deadline to 2010, a goal which was expanded to 33 percent by 2020 in the 2005 Energy Action Plan II.

Executive Order B-30-15. Issued on April 29, 2015, Executive Order B-30-15 established a California GHG reduction target of 40 percent below 1990 levels by 2030 and directs CARB to update the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of CO_2e ($MMTCO_2e$). The 2030 target acts as an interim goal on the way to achieving reductions of 80 percent below 1990 levels by 2050, a goal set by Executive Order S-3-05. The executive order also requires the state's climate adaptation plan to be updated every three years and for the state to continue its climate change research program, among other provisions. With the enactment of SB 32 in 2016, the Legislature codified the goal of reducing GHG emissions by 2030 to 40 percent below 1990 levels.

Executive Order B-55-18. Issued on September 10, 2018, Executive Order B-55-18 establishes a goal to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter. This goal is in addition to the existing statewide targets of reducing GHG emissions. The executive order requires CARB to work with relevant state agencies to develop a framework for implementing this goal. It also requires CARB to update the Scoping Plan to identify and recommend measures to achieve carbon neutrality. The executive order also requires state agencies to develop sequestration targets in the Natural and Working Lands Climate Change Implementation Plan.

Executive Order N-79-20. Issued on September 23, 2020, Executive Order N-79-20 established a goal to end the sales of new internal combustion engine vehicles in the state as soon as possible, and no later than 2035, and continue to phaseout fossil-fueled cars and trucks. By setting a course to end sales of internal combustion passenger vehicles by 2035, the Governor's Executive Order establishes a target for the transportation sector that helps put the state on a path to carbon neutrality by 2045. It is important

to note that the Executive Order focuses on new vehicle sales for automakers, and therefore does not require Californians to give up the existing cars and trucks they already own.

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California's energy consumption relatively flat, even with rapid population growth.

Title 20 Appliance Efficiency Regulations. The appliance efficiency regulations (California Code of Regulations [CCR] Title 20, Sections 1601-1608) include standards for new appliances. Twenty-three categories of appliances are included in the scope of these regulations. These standards include minimum levels of operating efficiency, and other cost-effective measures, to promote the use of energy- and water-efficient appliances.

Title 24 Building Energy Efficiency Standards. California's Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR Title 24, Part 6) was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions. The California Energy Commission (CEC) adopted the 2022 Energy Code on August 11, 2021, which was subsequently approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Title 24 standards will result in less energy use, thereby reducing air pollutant emissions associated with energy consumption across California. For example, the 2022 Title 24 standards will require efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, and strengthens ventilation standards.

Title 24 California Green Building Standards Code. The California Green Building Standards Code (CCR Title 24, Part 11 code) commonly referred to as CALGreen, is a statewide mandatory construction code developed and adopted by the California Building Standards Commission and the Department of Housing and Community Development. The CALGreen standards require new residential and nonresidential buildings to comply with mandatory measures under the topics of planning and design, energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. CALGreen also provides voluntary tiers and measures that local governments may adopt that encourage or require additional measures in the five green building topics. The latest CALGreen Code took effect on January 1, 2023 (2022 CALGreen). The 2022 CALGreen standards has improved upon the 2019 standards for new construction of, and additions and alterations to, residential and nonresidential buildings.

California Vehicles Regulations

Advanced Clean Cars I and II. Advanced Clean Cars combines several regulations into one package including the Low-Emission Vehicle (LEV) criteria and greenhouse gas regulations and the zero-emission vehicle (ZEV) regulation. Advanced Clean Cars I was adopted in 2012 and Advanced Clean Cars II was adopted in 2022. These regulations rapidly scale down emissions of light-duty passenger cars, pickup trucks and SUVs and require an increased number of zero-emission vehicles to meet air quality and climate change emissions goals. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions. The Advanced Clean Cars II regulations take the state's already growing zero-emission vehicle market and robust motor vehicle emission control rules and augments them to meet more aggressive tailpipe emissions standards and ramp up to 100% zero-emission vehicles.

ARB Advanced Clean Fleets Regulation. CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, requires fleet owners to begin transitioning toward ZEVs starting in 2024. Due to the impact that truck traffic has on residents living near heavily trafficked corridors, drayage trucks will need to be zero-emissions by 2035. All other fleet owners have the option to transition a percentage of their vehicles to meet expected zero-emission milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

3.3 Regional

Bay Area Air Quality Management District Thresholds

The Bay Area Air Quality Management District (BAAQMD) is the primary agency responsible for addressing air quality concerns in the San Francisco Bay Area, including the City of San José. BAAQMD also recommends methods for analyzing project-related GHGs in CEQA analyses as well as multiple GHG reduction measures for land use development projects. BAAQMD released its *Justification Report CEQA Thresholds for Evaluating the Significance of Climate Impacts from Land Use Projects and Plans* (BAAQMD Justification Report) in April 2022. BAAQMD Justification Report presents updates to the CEQA GHG thresholds from the 2017 CEQA Guidelines, which were not consistent with the statewide GHG target established by SB 32. The GHG thresholds of significance were updated to consider newer state reduction targets (e.g., SB 32) and plans for eventual carbon neutrality by 2045 (e.g., Executive Order B-55-18 and SB 1279), as well as evolving case law. The BAAQMD Justification Report (and thus the GHG thresholds) was adopted by the Board of Directors on April 20, 2022. In summary, the updated thresholds emphasize:

- Avoiding wasting electricity and developing fossil fuel infrastructure (i.e., natural gas plumbing or appliances) in new buildings that will be in place for decades and thus conflict with carbon neutrality by 2045.
- Compliance with California Green Building Standards Code (CALGreen) Tier 2 EV requirements and per capita VMT reductions consistent with SB 743.
- Consistency with a qualified GHG reduction strategy (also known as a Climate Action Plan).

Clean Air Plan

Air quality plans developed to meet federal requirements are referred to as State Implementation Plans. The federal and state CAA require plans to be developed for areas designated as nonattainment (with the exception of areas designated as nonattainment for the state PM_{10} standard). The 2017 Clean Air Plan: Spare the Air, Cool the Climate was adopted on April 19, 2019, by BAAQMD.

The 2017 Clean Air Plan provides a regional strategy to protect public health and protect the climate. To protect public health, the plan describes how BAAQMD will continue progress toward attaining all state and federal air quality standards and eliminating health risk disparities from exposure to air pollution among Bay Area communities. To protect the climate, the 2017 Clean Air Plan defines a vision for transitioning the region to a post-carbon economy needed to achieve ambitious GHG reduction targets for 2030 and 2050 and provides a regional climate protection strategy that will put the Bay Area on a pathway to achieve those GHG reduction targets.

The 2017 Clean Air Plan includes a wide range of control measures designed to decrease emissions of the air pollutants that are most harmful to Bay Area residents, such as particulate matter, ozone, and TACs; to reduce emissions of CH_4 and other "super-GHGs" that are potent climate pollutants in the near-term; and to decrease emissions of CO_2 by reducing fossil fuel combustion.

3.4 Local

City of San José Municipal Code

The City's Municipal Code includes the following regulations that would reduce GHG emissions from future development:

- Green Building Regulations for Private Development (Chapter 17.84)
- Water Efficient Landscape Standards for New and Rehabilitated Landscaping (Chapter 15.11)
- Transportation Demand Programs for employers with more than 100 employees (Chapter 11.105)
- Construction and Demolition Diversion Deposit Program (Chapter 9.10)
- Wood Burning Ordinance (Chapter 9.11)

City of San José General Plan

The General Plan includes a GHGRS that is designed to help the City sustain its natural resources, grow efficiently, and meet California legal requirements for GHG emissions reduction. Multiple policies and actions in the General Plan have GHG implications including those targeting land use, housing, transportation, water usage, solid waste generation and recycling, and reuse of historic buildings. The policies also include a monitoring component that allows for adaptation and adjustment of City programs and initiatives related to sustainability and associated reductions in GHG emissions. The GHGRS is intended to meet the mandates as outlined in the CEQA Guidelines and the recent standards for "qualified plans" as set forth by BAAQMD.

The GHGRS was re-adopted by the San José City Council in December 2015. The environmental impacts of the GHGRS were analyzed in the General Plan Final Program Environmental Impact Report (FPEIR) and a 2015 Supplement to the General Plan FPEIR. The City's projected emissions and the GHGRS are consistent with the measures necessary to meet state-wide 2020 goals established by AB 32 and addressed in the Climate Change Scoping Plan. Measures have not been identified that would ensure GHG emissions would be consistent with state-wide 2045 goals; however, the City adopted overriding considerations for identified future impacts associated with buildout of the City's General Plan.

The General Plan includes the following GHG reduction policies, which are applicable to the project. These policies are also described within the City's GHGRS.

Goal MS – 1:	Demonstrate San José's commitment to local and global Environmental Leadership through progressive use of green building policies, practices, and technologies to achieve 100 million square feet of new or retrofitted green buildings by 2040.
Policy MS-1.1	Demonstrate leadership in the development and implementation of green building policies and practices. Ensure that all projects are consistent with or exceed the City's Green Building Ordinance and City Council Policies as well as State and/or regional policies which require that projects incorporate various green building principles into their design and construction.
Policy MS-1.2	Continually increase the number and proportion of buildings within San José that make use of green building practices by incorporating those practices into both new construction and retrofit of existing structures.

Policy MS-1.3	Continually update and strengthen the City's Green Building policies and ordinances for new construction and rehabilitation of existing buildings to provide flexibility for application of new technologies and innovative techniques that may develop in the green building field.
Policy MS-1.4	Foster awareness in San José's business and residential communities of the economic and environmental benefits of green building practices. Encourage design and construction of environmentally responsible commercial and residential buildings that are also operated and maintained to reduce waste, conserve water and meet other environmental objectives.
Policy MS-1.5	Advocate for new or revised local, regional, state, or national policies and laws that further the use of green building techniques and to further the development of green building technology. Support the development and implementation of new and innovative technologies to achieve the construction of all types of environmentally high-performing buildings.
Policy MS-1.6	Recognize the interconnected nature of green building systems, and, in the implementation of Green Building Policies, give priority to green building options that provide environmental benefit by reducing water and/or energy use and solid waste.
Goal MS – 2:	Maximize the use of green building practices in new and existing development to maximize energy efficiency and conservation and to maximize the use of renewable energy sources.
Policy MS-2.1	Develop and maintain policies, zoning regulations, and guidelines that require energy conservation and use of renewable energy sources.
Policy MS-2.3:	Utilize solar orientation (i.e., building placement), landscaping, design, and construction techniques for new construction to minimize energy consumption.
Policy MS-2.4	Promote energy efficient construction industry practices.
Policy MS-2.6	Promote roofing design and surface treatments that reduce the heat island effect of new and existing development and support reduced energy use, reduced air pollution, and a healthy urban forest. Connect businesses and residents with cool roof rebate programs through City outreach efforts.
Policy MS-2.7:	Encourage the installation of solar panels or other clean energy power generation sources over parking areas.
Policy MS-2.11:	Require new development to incorporate green building practices, including those required by the Green Building Ordinance. Specifically, target reduced energy use through construction techniques (e.g., design of building envelopes and systems to maximize energy performance), through architectural design (e.g., design to maximize cross ventilation and interior daylight) and through site design techniques (e.g. orienting buildings on sites to maximize the effectiveness of passive solar design).
Goal MS – 3:	Maximize the use of green building practices in new and existing development to minimize use of potable water and to reduce water pollution.

Policy MS-3.1:	Require water-efficient landscaping, which conforms to the State's Model Water Efficient Landscape Ordinance, for all new commercial, institutional, industrial, and developer-installed residential development unless for recreation needs or other area functions.
Policy MS-3.2:	Promote use of green building technology or techniques that can help reduce the depletion of the City's potable water supply, as building codes permit. For example, promote the use of captured rainwater, graywater, or recycled water as the preferred source for non-potable water needs such as irrigation and building cooling, consistent with Building Codes or other regulations.
Policy MS-3.3:	Promote the use of drought tolerant plants and landscaping materials for nonresidential and residential uses.
Policy MS-3.4:	Promote the use of green roofs (i.e., roofs with vegetated cover), landscape-based treatment measures, pervious materials for hardscape, and other stormwater management practices to reduce water pollution.
Goal MS – 5:	Divert 100% of waste from landfills by 2022 and maintain 100% diversion through 2040.
Policy MS-5.3:	Evaluate recycling collection strategies to improve marketability of cleaner materials.
Policy MS-5.4:	Increase program participation and reduce disposal of recyclable materials through intensive outreach, incentives, enforcement or mandates.
Policy MS-5.5:	Maximize recycling and composting from all residents, businesses, and institutions in the City.
Policy MS-5.6:	Enhance the construction and demolition debris recycling program to increase diversion from the building sector.
Goal MS – 6:	Reduce generation of solid and hazardous waste.
Policy MS-6.5:	Reduce the amount of waste disposed in landfills through waste prevention, reuse, and recycling of materials at venues, facilities, and special events.
Goal MS – 10:	Minimize air pollutant emissions from new and existing development.
Policy MS-10.5:	In order to reduce vehicle miles traveled and traffic congestion, require new development within 2,000 feet of an existing or planned transit station to encourage the use of public transit and minimize the dependence on the automobile through the application of site design guidelines and transit incentives.
Goal MS – 14:	Reduce per capita energy consumption by at least 50 percent compared to 2008 levels by 2022 and maintain or reduce net aggregate energy consumption levels equivalent to the 2022 (Green Vision) level through 2040.
Policy MS-14.4:	Implement the City's Green Building Policies so that new construction and rehabilitation of existing buildings fully implements industry best practices, including the use of optimized energy systems, selection of materials and resources, water efficiency, sustainable site selection, passive solar building

design, and planting of trees and other landscape materials to reduce energy consumption.

Goal CD-2: Create integrated public and private areas and used that work together to support businesses and to promote pedestrian activity and multi-modal transportation.

Policy CD-2.5: Integrate Green Building Goals and Policies of this Plan into site design to create healthful environments. Consider factors such as shaded parking areas, pedestrian connections, minimization of impervious surfaces, incorporation of stormwater treatment measures, appropriate building orientations, etc.

City of San José Greenhouse Gas Reduction Strategy

The City of San José adopted its 2030 GHGRS in November 2020, consistent with SB 32. SB 32 established an interim statewide GHG reduction goal for 2030 to meet the long-term target of carbon neutrality by 2045 (EO B-55-18). SB 32 expands upon AB 32, the Global Warming Solutions Act of 2006, and requires a reduction in GHG emissions of at least 40 percent below the 1990 levels by 2030.

The 2030 GHGRS allows for tiering and streamlining of GHG analyses under CEQA because it serves as a qualified Climate Action Plan for the City of San José. The GHGRS was prepared under the BAAQMD CEQA Guidelines, and particularly in conformance with CEQA Guidelines Section 15183.5, which specifically addresses the development of GHG Reduction Plans for tiering and streamlining GHG analysis under CEQA. The 2030 GHGRS identifies major General Plan strategies and polices to be implemented by development project such as green building practices, transportation strategies, energy use, water conservation, waste reduction and diversion, and other sectors that contribute to GHG reductions and advancements of the City's broad sustainability goals.

The GHGRS identifies GHG emissions reduction measures to be implemented by development projects in three categories: built environment and energy, land use and transportation, and recycling and waste reduction. Some measures are mandatory for all proposed development projects and others are voluntary. Voluntary measures could be incorporated as mitigation measures for proposed projects, at the City's discretion. The GHGRS includes a compliance checklist (GHGRS Checklist), the purpose of which is to :

- Implement GHG reduction strategies from the 2030 GHGRS to new development projects. ▪
- Provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to CEQA.

Compliance with the GHGRS Checklist ensures that an individual project conforms with the GHGRS and would not constitute a cumulatively considerable contribution to significant cumulative global climate change impacts.

City of San José Private Sector Green Building Policy (6-32)

In October 2008, the City adopted the Private Sector Green Building Policy (6-32) that establishes baseline green building standards for private sector new construction and provides framework for the implementation of these standards. This policy requires that applicable projects achieve minimum green building performance levels using the Council adopted standards.

Climate Smart San José

Climate Smart San José was developed by the City to reduce air pollution, save water, and create a healthier community. The plan contains nine strategies to reduce carbon emissions consistent with the Paris Climate Agreement. These strategies include use of renewable energy, densification of neighborhoods, electrification and sharing of vehicle fleets, investments in public infrastructure, creating local jobs, and improving building energy-efficiency.

Reach Building Code

In 2019, the San José City Council approved Ordinance No. 30311 and adopted Reach Code Ordinance (Reach Code) to reduce energy-related GHG emissions consistent with the goals of Climate Smart San José. The Reach Code applies to new construction projects in San José. It requires new residential construction to be outfitted with entirely electric fixtures. Mixed-fuel buildings (i.e., use of natural gas) are required to demonstrate increased energy efficiency through a higher Energy Design Ratings and be electrification ready. In addition, the Reach Code requires electric vehicle charging infrastructure for all building types (above current CALGreen requirements), and solar readiness for non-residential buildings.

San José Clean Energy

San José Clean Energy (SJCE) is a not-for-profit electricity supplier operated by the City of San José. The utility offers a suite of electricity sourcing options. The GHRS Checklist requires participation in at least SJCE GreenSource program which includes 60 percent renewable energy and up to 95 percent carbon-free power. There is also the Total Green Level program, which provides 100% carbon-free electricity.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Thresholds and Significant Criteria

Based upon the criteria derived from State CEQA Guidelines Appendix G, a Project normally would have a significant effect on the environment if it would:

GHG-1 Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

GHG-2 Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

BAAQMD's approach to developing a threshold of significance for GHG emissions for local development projects that are not stationary sources is to identify features that, if included, would show that the project would not interfere with the state's goal to have net zero emissions by 2045. Under the BAAQMD thresholds a project that meets either A or B is a project that would make a less than cumulatively considerable contribution to significant cumulative climate change impacts:

A. Projects must include, at a minimum, the following Project design elements:
    1. Buildings
        a. The Project would not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development).
        b. The Project would not result in any wasteful, inefficient, or unnecessary energy usage as determined by the analysis required under CEQA Section 21100(b)(3) and Section 15126.2(b) of the State CEQA Guidelines.

2. Transportation

   a. Achieve a reduction in project-generated vehicle miles traveled (VMT) below the regional average consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent) or meet a locally adopted SB 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research's Technical Advisory on Evaluating Transportation Impacts in CEQA:

      i. Residential projects: 15 percent below the existing VMT per capita

      ii. Office projects: 15 percent below the existing VMT per employee

      iii. Retail projects: no net increase in existing VMT

   b. Achieve compliance with electric vehicle requirements in the most recently adopted version of CALGreen Tier 2.

B. Be consistent with a local GHGRS that meets the criteria under the CEQA Guidelines section 15183.5(b)

A qualified GHGRS adopted by a local jurisdiction shall include the following elements as described in the State CEQA Guidelines Section 15183.5(b)(1):

i. Quantify GHG emissions, both existing and projected over a specified time period, resulting from activities within a defined geographic area;

ii. Establish a level, based on substantial evidence, below which the contribution to GHG emissions from activities covered by the plan would not be cumulatively considerable;

iii. Identify and analyze the GHG emissions resulting from specific actions or categories of actions anticipated within the geographic area;

iv. Specify measures or a group of measures, including performance standards, that substantial evidence demonstrates, if implemented on a project-by-project basis, would collectively achieve the specified emissions level;

v. Establish a mechanism to monitor the plan's progress toward achieving the level and to require amendment if the plan is not achieving specified levels; and

vi. Be adopted in a public process following environmental review.

It shall be noted that BAAQMD does not have an adopted threshold of significance for construction-related GHG emissions. BAAQMD recommends that the Lead Agency shall make a determination on the significance of these construction generated GHG emission impacts in relation to meeting AB 32 GHG reduction goals, as required by the Public Resources Code, Section 21082.2. The Lead Agency is encouraged to incorporate best management practices to reduce GHG emissions during construction, as feasible and applicable.

The City of San José has established consistency with their GHGRS would result in a less than cumulatively considerable impact. The City of San José does not have a construction-related GHG emission threshold. The GHGRS meets the requirements of CEQA Guidelines section 15183.5.

4.2 Methodology

Global climate change is, by definition, a cumulative impact of GHG emissions. Therefore, there is no project-level analysis. The baseline against which to compare potential impacts of the Project includes the natural and anthropogenic drivers of global climate change, including world-wide GHG emissions from human activities which almost doubled between 1970 and 2010 from approximately 27 gigatonnes (Gt) of CO_2/year to nearly 49 $GtCO_2$/year.[18] Further, average annual GHG emissions during 2010–2019 were higher than in any previous decade on record, while the rate of growth between 2010 and 2019 (1.3 percent per year) was lower than that between 2000 and 2009 (2.1 percent per year) and world-wide GHG emissions in 2019 were estimated to be 59 $GtCO_2$/year.[19] As such, the geographic extent of climate change and GHG emissions' cumulative impact discussion is worldwide.

The Project's construction and operational emissions were calculated using the California Emissions Estimator Model version 2022 (CalEEMod). Details of the modeling assumptions and emission factors are provided in Appendix A: Greenhouse Gas Emissions Data. For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. The Project's construction-related GHG emissions were forecasted based on the proposed construction schedule and applying the mobile-source emissions factors derived from CalEEMod. The Project's construction-related GHG emissions would be generated from off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles.

The Project's operations-related GHG emissions would be generated by vehicular traffic, area sources (e.g., landscaping maintenance, consumer products), electrical generation, water supply and wastewater treatment, and solid waste. The operational analysis uses compliance with the City's GHGRS Checklist as a threshold. The City's GHGRS Checklist aims to achieve its proportional share of State GHG emission reductions for the interim target year 2030 based on the mandate to reduce statewide GHG emissions by 85 percent of 1990 levels by 2045. This prescribes the interim target to be a 48 percent reduction of GHGs by 2030. It is assumed the GHGRS Checklist aims to achieve the City's proportional share of the state mandate beyond 2030 to the State 2045 mandate.

5 POTENTIAL IMPACTS AND MITIGATION

5.1 Greenhouse Gas Emissions

Impact GHG-1 Would the Project generate greenhouse gas emissions, either directly or indirectly, that could have a significant impact on the environment?

Impact GHG-2: Would the Project conflict with an applicable plan, policy, or regulation of an agency adopted for the purpose of reducing greenhouse gas emissions?

Construction Greenhouse Gas Emissions

Project construction would result in minor increases in GHG emissions from on-site and construction equipment and emissions from construction workers' personal vehicle travelling to and from the Project construction site. Construction-related GHG emissions vary depending on the level of activity, length of the construction period, specific construction operations, types of equipment, and number of construction workers. Neither the City of San José nor BAAQMD have an adopted threshold of significance

[18] Intergovernmental Panel on Climate Change, *Climate Change 2014 Mitigation of Climate Change Working Group III Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, 2014.

[19] Intergovernmental Panel on Climate Change, 2023: Summary for Policymakers. In: Climate Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change, 2023

for construction-related GHG emissions; however, BAAQMD recommends quantifying emissions and disclosing that GHG emissions would occur during construction. The CalEEMod outputs prepared for the proposed Project (refer to Appendix A) calculated emissions with Project construction to be 13,472 $MTCO_2e$ for the total construction period 10 years. Phase 1 would total 8,254 $MTCO_2e$, Phase 2 would total 1,994 $MTCO_2e$, and Phase 3 would total 3,224 $MTCO_2e$. Project construction would be a temporary condition (a total of 10 years) and would not result in a permanent increase in emissions that would interfere with the implementation of the State's GHG reduction goals (established by AB 32, SB 32, AB 1279, etc.). In addition, the Project would implement the City's standard permit conditions, which includes BAAQMD Basic Construction Control Measures (BMP), to control dust at the Project site during all phases of construction stated in Table 6-1 of the BAAQMD CEQA Guidelines. Details on implementation of the BMPs can be found in the Good Samaritan Hospital Project Air Quality Assessment.

Operational Greenhouse Gas Emissions

The proposed Project would demolish the 353,800 sf Hospital Building A and the 6,700 sf Day Care Center. The Project would additionally construct Hospital Buildings C, D and E, refer to *1.2, Project Description*. In total, the proposed Project buildout would include net 384,680 sf of hospital buildings. Operational or long-term emissions would occur over the Project's life. GHG emissions would result from direct emissions such as Project generated vehicular traffic, and operation of any landscaping equipment. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power over the life of the Project, the energy required to convey water to, and wastewater from the Project site, the emissions associated with solid waste generated from the Project site, and any fugitive refrigerants from air conditioning or refrigerators.

The Project would comply with the Title 24 Part 6 Building Energy Efficiency Standards in effect when building permits are submitted, which may be the current 2022 Title 24 Part 6 or a later version, as Title 24 is updated every three years. To be conservative, the analysis assumes all Project buildings would comply with 2022 Title 24 Part 6. Among other updates to the 2019 version, like strengthened ventilation standards for gas cooking appliances, the 2022 Energy Code includes updated standards including new electric heat pump requirements for residential uses, schools, offices, banks, libraries, retail, and grocery stores; and the expansion of solar photovoltaic and battery storage standards to additional land uses beyond low-rise residential, including high-rise multifamily residences, hotels and motels, tenant spaces, offices, (including medical offices and clinics), retail and grocery stores, restaurants, schools, and civic uses (including theaters auditoriums, and convention centers). The Project would comply with existing requirements for electric heat pumps for space heating through the CUP. Medical facilities are not included in the updated standards for solar photovoltaic and battery storage standards. Projects whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Energy Code.[20]

The Project would also comply with the appliance energy efficiency standards in Title 20 of the CCR. The Title 20 standards include minimum levels of operating efficiency, and other cost-effective measures, to promote the use of energy- and water-efficient appliances. The California Energy Commission proposed to adopt changes based upon agency discretion.[21] The Project would be constructed according to the standards for high-efficiency water fixtures for indoor plumbing and water efficient irrigation systems required in the applicable version of Title 24, Part 11 (CALGreen), assumed to be 2022 Title 24, Part 11 for this analysis.

[20] California Energy Commission. 2022. *2022 Building Energy Efficiency Standards*, https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency (accessed September 2023).

[21] California Energy Commission. 2021. *2021Public Hearing – California Energy Commission* , https://www.energy.ca.gov/event/meeting/2021-08/public-hearing-california-energy-commission-proposes-adopt-changes-california (accessed October 2023).

At the State and global level, improvements in technology, policy, and social behavior would influence and reduce Project operational emissions. The State is currently on a pathway to achieving the Renewable Portfolio Standards goal of 52 percent by December 31, 2027, 60 percent renewables by 2030 per SB 100, and achieve carbon neutrality by 2045 per AB 1279. Energy and mobile sources are targeted by statewide measures such as low carbon fuels, cleaner vehicles, strategies to promote sustainable communities and improved transportation choices that result in reducing VMT. With continued implementation of various statewide measures, the Project's operational energy and mobile source emissions would continue to decline in the future.

As discussed below, the Project would be constructed in compliance with the City's Council Policy 6-32 and the City's Green Building Ordinance which would ensure operational emissions reductions consistent with the 2030 GHGRS. As shown in Appendix B, the Project would be consistent with Table A: General Plan policies and Table B: 2030 GHGRS Checklist.

City of San José Greenhouse Gas Reduction Strategy Compliance Checklist

The City's 2030 GHGRS outlines the actions the City would undertake to achieve its proportional share of State GHG emission reductions for the interim target year 2030. Individual projects demonstrate their compliance with the GHGRS through the GHGRS Compliance Checklist. The City of San José 2030 GHGRS is a qualified local GHG reduction plan under CEQA, which can be used to determine the significance of GHG emissions from a Project (CEQA Guidelines Section 15183.5). BAAQMD also recognizes the use of a GHGRS as a significance threshold for a project's GHG emissions. Therefore, if the Project is consistent with the 2030 GHGRS, then the Project would result in a less than significant cumulative impact to global climate change in 2030.

Prior to Project approval, the applicant is required to complete the GHGRS Compliance Checklist to demonstrate the Project's compliance with the City of San José 2030 GHGRS, refer to Appendix B. Compliance with the checklist is demonstrated by completing Section A (General Plan Policy Conformance) and Section B (Greenhouse Gas Reduction Strategies). Projects that propose alternative GHG mitigation measures must also complete Section C (Alternative Project Measures and Additional GHG Reductions). The proposed Project does not include any alternative measures.

As discussed above, the Project would be constructed in accordance with the latest California Building Code, green building regulations/CalGreen, the City's Council Policy 6-32, and the City's Green Building Ordinance. Additionally, Project construction and demolition waste would be diverted to exceed City requirements and at least 75 percent of construction and demolition waste and 100 percent of metal would be recycled. Per the 2030 GHGRS requirements, implementation of the City's standard permit condition (see below) would require the Project to provide proof of enrollment in a San José Clean Energy Program. Additionally, the Project would be solar-ready by including building roof space for a "Future PV Array" per California Code. Thus, the proposed Project would be consistent with the 2030 GHGRS.

The proposed Project would be consistent with the 2030 GHGRS through compliance with the State's Model Water Efficient Landscape Ordinance and the City's Water-Efficient Landscape Ordinance (Chapter 15.11 of the San José Municipal Code). The proposed Project would include landscaped shading, including trees, in the parking areas and walkways. The trees would provide shading to help mitigate the urban heat island effect. Additionally, the Project would include low-flow fixtures and appliances and would utilize recycled water for the outdoor landscaping.

Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a Project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively

considerable if it complies with the requirements of the GHGRS. As described above, the Project would not conflict with the 2030 GHGRS (refer to Appendix B for further detail). Therefore, the Project would be consistent with a qualified local GHG reduction plan under CEQA Guidelines Section 15183.5. GHG emissions caused by long-term operation of the proposed would be less than significant.

2022 CARB Scoping Plan

As previously noted, the 2022 Scoping Plan sets a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels by 2045 in accordance with AB 1279. The transportation, electricity, and industrial sectors are the largest GHG contributors in the State. The 2022 Scoping Plan plans to achieve the AB 1279 targets primarily through zero-emission transportation (e.g., electrifying cars, buses, trains, and trucks). Additional GHG reductions are achieved through decarbonizing the electricity, carbon sequestration, and industrial sector emission reductions.

Statewide strategies to reduce GHG emissions in the latest 2022 Scoping Plan include implementing SB 100, which would achieve 100 percent clean electricity by 2045; achieving 100 percent zero emission vehicle sales in 2035 through Advanced Clean Cars II; and implementing the Advanced Clean Fleets regulation to deploy zero-electric vehicle buses and trucks. Additional transportation policies include the Off-Road Zero-Emission Targeted Manufacturer rule, Clean Off-Road Fleet Recognition Program, In-use Off-Road Diesel-Fueled Fleets Regulation, Off-Road Zero-Emission Targeted Manufacturer rule, Clean Off-Road Fleet Recognition Program, and Amendments to the In-use Off-Road Diesel-Fueled Fleets Regulation. The 2022 Scoping Plan would continue to implement SB 375. GHGs would be further reduced through the Cap-and-Trade Program carbon pricing and SB 905. SB 905 requires CARB to create the Carbon Capture, Removal, Utilization, and Storage Program to evaluate, demonstrate, and regulate CO_2 removal projects and technology.

As described above, the Project would implement the City's Standard Permit Conditions included in the *Air Quality Assessment* during construction. For example, the construction measures include enforcing idling time restrictions on construction vehicles, use of added exhaust muffling and filtering devices, which also reduce GHG emissions.

The 2022 Scoping Plan states that local CAPs that address the State's largest sources of emissions and prioritize transportation electrification, VMT reduction, and building decarbonization, contribute to the alignment between local climate action and the State's climate goals. The City GHGRS Checklist addresses alignment between local climate action and the State's climate goals through implementation of measures promoting green building practices, harmonious pedestrian, bicycle and transit designs, water conservation, renewable energy development, and zero waste goals. As indicated above, the proposed Project would be consistent with the 2030 GHGRS and would also be constructed in accordance with the latest California Building Code, green building regulations/CalGreen, the City's Council Policy 6-32 and the City's Green Building Ordinance. The Project would be solar-ready by including building roof space for a "Future PV Array" per California Code. Further, Project's GHG emissions associated with energy and mobile sources would be reduced by the 2022 Scoping Plan measures described above. It shall be noted that the City has no control over vehicle emissions; however, these emissions would decline in the future due to Statewide measures discussed above, as well as cleaner technology and fleet turnover.

As shown in Table 2: Project Consistency with Applicable CARB Scoping Plan Measures the Project is consistent with most of the strategies, while others are not applicable to the Project.

Table 2: Project Consistency with Applicable CARB Scoping Plan Measures

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
Transportation	California Cap-and-Trade Program Linked to Western Climate Initiative	Regulation for the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanism April 1, 2019 (CCR 95800)	**Consistent.** The Cap-and-Trade Program applies to large industrial sources such as power plants, refineries, and cement manufacturers. However, the regulation indirectly affects people who use the products and services produced by these industrial sources when increased cost of products or services (such as electricity and fuel) are transferred to the consumers. The Cap-and-Trade Program covers the GHG emissions associated with electricity consumed in California, whether generated in-state or imported. Accordingly, GHG emissions associated with CEQA projects' electricity usage are covered by the Cap-and-Trade Program. The Cap-and-Trade Program also covers fuel suppliers (natural gas and propane fuel providers and transportation fuel providers) to address emissions from such fuels and from combustion of other fossil fuels not directly covered at large sources in the Program's first compliance period.
	California Light-Duty Vehicle Greenhouse Gas Standards	Advanced Clean Cars II Regulations	**Consistent.** The Advanced Clean Cars II Regulations provide reductions from new vehicles sold in California between 2026 and 2035. Passenger vehicles associated with the site would comply with the Advanced Clean Cars II standards.
	Low Carbon Fuel Standard	2009 readopted in 2015 and updated in 2018. Regulations to Achieve Greenhouse Gas Emission Reductions Sub article 7. Low Carbon Fuel Standard CCR 95480	**Consistent.** This measure applies to transportation fuels utilized by vehicles in California. The Project would not conflict with implementation of this measure. Motor vehicles associated with construction and operation of the Project would utilize low carbon

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
			transportation fuels as required under this measure.
	Regional Transportation-Related Greenhouse Gas Targets	SB 375. Cal. Public Resources Code §§ 21155, 21155.1, 21155.2, 21159.28	**Consistent**. The Project would provide development in the region that is consistent with the growth projections in the Regional Transportation Plan/Sustainable Communities Strategy (SCS) (Plan Bay Area 2040).
	Medium/Heavy-Duty Vehicle	The Advanced Clean Trucks Regulation, the Heavy-Duty Omnibus Regulation and the California Phase 2 Regulation	**Consistent**. This measure applies to medium and heavy-duty vehicles that operate in the state. The Project would not conflict with implementation of this measure. Medium and heavy-duty vehicles associated with construction and operation of the Project would be required to comply with the requirements of this regulation.
Electricity and Natural Gas	Energy Efficiency	Title 20 Appliance Efficiency Regulation	**Consistent.** The Project would not conflict with implementation of this measure. The Project would comply with the latest energy efficiency standards.
		Title 24 Part 6 Energy Efficiency Standards for Residential and Non-Residential Building	
		Title 24 Part 11 California Green Building Code Standards	
	Renewable Portfolio Standard/Renewable Electricity Standard.	SB 100 The 100 Percent Clean Energy Act of 2018 (65% 2030) and Affordability Act of 2022 and SB 100 The 100 Percent Clean Energy Act of 2018 (60% 2030)	**Consistent**. The Project would obtain electricity from the electric utility company, SJCE. Per the 2030 GHGRS requirements, implementation of the City's Standard Permit Condition (see below) would require the Project to provide proof of enrollment in a San José Clean Energy Program which would provide 100 percent carbon-free electricity.
		SB 350 Clean Energy and Pollution Reduction Act of 2015	
	California Solar Initiative	Tax incentive program	**Consistent.** This measure is to increase solar throughout California, which is being done by various electricity

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
			providers and existing solar programs. The Project and its tenants are required to enroll in the SJCE TotalGreen program, which is powered through 100 percent renewable energy.
Water	Water	Title 24 Part 11 California Green Building Code Standards SBX 7-7—The Water Conservation Act of 2009 Model Water Efficient Landscape Ordinance	**Consistent.** The Project would comply with the indoor water use requirements listed in the 2022 California Green Building Standards Code. The Project would also comply with the actions listed in the Conserve Water Section (Chapter 4) of the Bay-Friendly Landscape Guidelines.
Green Buildings	Green Building Strategy	Title 24 Part 11 California Green Building Code Standards	**Consistent.** The State goal is to increase the use of green building practices. The Project would implement required green building strategies through existing regulation that requires the Project to comply with various CalGreen requirements.
Industry	Industrial Emissions	CARB Mandatory Reporting of Greenhouse Gas Emissions (MRR) Regulation	**Not Applicable.** The Project does not include light industrial uses such as a warehouse.
Recycling and Waste Management	Recycling and Waste	Title 24 Part 11 California Green Building Code Standards AB 1383 Statewide 75 Percent Diversion Goal by 2025 and waste reduction requirements listed in AB 1826 and AB 341	**Consistent.** The Project would not conflict with implementation of these measures. The Project is required to achieve the waste reduction and recycling mandates via compliance with the CALGreen code.
Forests	Sustainable Forests	Cap and Trade Offset Projects	**Not applicable.** The Project site is an existing disturbed site located in an urban area. No forested lands exist on-site.

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
High Global Warming Potential	High Global Warming Potential Gases	CARB Refrigerant Management Program CCR 95380	**Not applicable**. The regulations are applicable to refrigerants used by large air conditioning systems and large commercial and industrial refrigerators and cold storage system. The Project is not expected to use large systems subject to the refrigerant management regulations adopted by CARB.
		2022 Amendments to the Airborne Toxic Control Measure for In-use Diesel Fueled Transport Refrigeration Units (TRUs) and TRUs Generator sets and Facilities where TRUs operate	
Agriculture	Agriculture	Cap and Trade Offset Projects for Livestock and Rice Cultivation	**Not applicable**. The Project site is an infill site. No grazing, feedlot or other agricultural activities that generate manure currently exist on-site or are proposed to be implemented by the Project.
		SB 1383 Methane Reductions for Dairy and Livestock Operations	

Source: California Air Resources Board (CARB), *California's 2022 Climate Change Scoping Plan*, 2022 and CARB, *Climate Change Scoping Plan*, December 2017.

The Project would not impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan. The Project would not impede or conflict with applicable current and future regulatory requirements promulgated through the 2022 Scoping Plan.

Plan Bay Area

The Project would not conflict with the overall goals of Plan Bay Area 2050 to provide housing, healthy and safe communities, and climate protection with an overall goal to reduce adverse health impacts. Plan Bay Area 2050 is based on the land use in the City's General Plan. As noted above, the Project would redevelop the existing hospital with new hospital uses consistent with the General Plan. The Project would add employment and vehicle trips related to new employees that work directly at the Project site but such trips are anticipated by Plan Bay Area. The Project would allow the hospital to continue to operate in its current location, preventing the need of people in the area from having to drive farther to obtain health care. Further, the Plan Bay Area seeks to decrease vehicle per capita emissions to 20 percent below 2005 levels by 2035. Achievement of the decrease in vehicle per capita emissions is conducted by regional planning efforts through the MTC and other agencies with regard to land use and transportation decision making; for which the Project's land use remains unchanged. The Project would not impede the region from reaching its GHG reductions required under Plan Bay Area.

Thus, implementation of the Project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and this impact would be less than significant.

Standard Permit Condition

Proof of Enrollment in SJCE. Prior to issuance of any Certificate of Occupancy for the Project, the occupant shall provide to the Director of the Department of Planning, Building, and Code Enforcement (PBCE), or Director's designee, proof of enrollment in the SJCE TotalGreen program (approx. 100 percent renewable energy)] assumed in the approved environmental clearance for the project in accordance with CEQA. If it is determined the project's environmental clearance requires enrollment in the TotalGreen program, neither the occupant, nor any future occupant, may opt out of the TotalGreen program.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than cumulatively considerable impacts.

5.2 Cumulative Setting, Impacts, and Mitigation Measures

Cumulative Setting

Climate change is a global problem and the geographic scope of cumulative impacts is global. GHGs are global pollutants, unlike criteria air pollutants and TACs, which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (approximately one day), GHGs have much longer atmospheric lifetimes of one year to several thousand years that allow them to be dispersed around the globe.

Cumulative Impacts and Mitigation Measures

It is generally the case that an individual project of the Project's size and nature is of insufficient magnitude by itself to influence climate change or result in a substantial contribution to the global GHG inventory. GHG impacts are recognized as exclusively cumulative impacts; there are no non-cumulative GHG emission impacts from a climate change perspective. The additive effect of Project-related GHG emissions would not result in a cumulatively considerable contribution to global climate change. As shown in Appendix B and discussed in GHG-1 and GHG-2 above, the Project would be consistent with the 2030 GHGRS, 2022 Scoping Plan, and Plan Bay Area 2050. Thus, the Project would not conflict with any applicable GHG reduction plan and would not interfere with the State's goal to achieve carbon neutrality by 2045. Therefore, the Project's cumulative contribution of GHG emissions would be less than cumulatively considerable.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than cumulatively considerable impacts.

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Appendix A

Greenhouse Gas Emissions Data

Good Sam Phase 1 Construction Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 1 Construction
Construction Start Date	3/27/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	548	1000sqft	12.6	548,444	51,200	0.00	—	Building C

Parking Lot	552	Space	4.97	0.00	0.00	—	—	Parking Lot
Enclosed Parking with Elevator	653	Space	5.88	352,000	0.00	—	—	Garage East
General Heavy Industry	23.8	1000sqft	0.55	23,750	0.00	—	—	CUP
Other Asphalt Surfaces	20.4	1000sqft	0.47	0.00	0.00	—	—	Mech Yard, & O2 Yard

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.42	39.0	76.3	73.3	0.23	2.36	43.2	45.1	2.08	14.2	15.9	—	35,279	35,279	2.24	3.86	65.1	36,552
Mit.	4.78	38.3	38.1	80.2	0.23	0.61	31.3	31.6	0.49	8.02	8.32	—	35,279	35,279	2.24	3.86	65.1	36,552
% Reduced	49%	2%	50%	-9%	—	74%	28%	30%	76%	43%	48%	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.06	39.0	57.6	43.4	0.15	1.89	43.2	45.1	1.67	14.2	15.9	—	21,540	21,540	1.55	2.64	0.92	22,366
Mit.	2.22	38.2	24.2	38.8	0.15	0.39	31.3	31.6	0.29	8.02	8.32	—	21,540	21,540	1.55	2.64	0.92	22,366
% Reduced	63%	2%	58%	11%	—	79%	28%	30%	82%	43%	48%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.28	18.7	23.4	26.9	0.06	0.79	6.14	6.93	0.72	1.84	2.55	—	9,386	9,386	0.51	0.84	8.23	9,658
Mit.	1.61	18.1	10.3	28.6	0.06	0.15	4.98	5.13	0.14	1.28	1.42	—	9,386	9,386	0.51	0.84	8.23	9,658
% Reduced	51%	3%	56%	-6%	—	80%	19%	26%	81%	30%	44%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.60	3.42	4.27	4.91	0.01	0.14	1.12	1.26	0.13	0.34	0.47	—	1,554	1,554	0.08	0.14	1.36	1,599
Mit.	0.29	3.31	1.88	5.22	0.01	0.03	0.91	0.94	0.03	0.23	0.26	—	1,554	1,554	0.08	0.14	1.36	1,599
% Reduced	51%	3%	56%	-6%	—	80%	19%	26%	81%	30%	44%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	9.42	6.54	76.3	73.3	0.23	2.36	43.2	45.1	2.08	14.2	15.9	—	35,279	35,279	2.24	3.86	65.1	36,552
2025	2.99	2.42	16.8	29.4	0.05	0.50	3.82	4.32	0.46	0.94	1.40	—	9,375	9,375	0.38	0.72	22.1	9,620
2026	2.78	2.28	15.8	28.3	0.05	0.44	3.82	4.27	0.41	0.94	1.35	—	9,250	9,250	0.38	0.72	20.0	9,493
2027	3.58	3.07	22.1	37.9	0.07	0.70	3.95	4.65	0.65	0.97	1.62	—	10,752	10,752	0.43	0.73	18.3	10,998

2028	2.90	39.0	15.2	29.9	0.05	0.38	4.37	4.76	0.33	1.07	1.40	—	9,647	9,647	0.35	0.60	17.6	9,854
2029	2.46	1.96	13.7	25.9	0.05	0.34	3.82	4.16	0.29	0.94	1.23	—	8,820	8,820	0.34	0.60	14.2	9,021
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	6.06	4.02	57.6	43.4	0.15	1.89	43.2	45.1	1.67	14.2	15.9	—	21,540	21,540	1.55	2.64	0.92	22,366
2025	2.86	2.37	17.2	27.5	0.05	0.50	3.82	4.32	0.46	0.94	1.40	—	9,167	9,167	0.39	0.72	0.57	9,393
2026	2.74	2.15	16.3	26.5	0.05	0.44	3.82	4.27	0.41	0.94	1.35	—	9,046	9,046	0.39	0.72	0.52	9,272
2027	3.54	3.03	22.4	36.1	0.07	0.70	3.95	4.65	0.65	0.97	1.62	—	10,543	10,543	0.44	0.73	0.48	10,773
2028	2.83	39.0	15.7	28.0	0.05	0.38	4.37	4.76	0.33	1.07	1.40	—	9,412	9,412	0.37	0.71	0.46	9,633
2029	2.44	1.93	14.1	24.4	0.05	0.34	3.82	4.16	0.29	0.94	1.23	—	8,628	8,628	0.34	0.68	0.37	8,841
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	3.28	2.53	23.4	26.9	0.06	0.79	6.14	6.93	0.72	1.84	2.55	—	9,386	9,386	0.51	0.84	8.23	9,658
2025	2.45	2.02	14.6	23.4	0.04	0.43	3.25	3.68	0.40	0.80	1.20	—	7,881	7,881	0.33	0.61	8.20	8,080
2026	2.33	1.83	13.8	22.6	0.04	0.38	3.25	3.63	0.35	0.80	1.15	—	7,777	7,777	0.33	0.61	7.39	7,975
2027	2.66	2.21	16.4	26.7	0.05	0.48	3.31	3.79	0.45	0.81	1.26	—	8,415	8,415	0.35	0.62	6.70	8,615
2028	2.32	18.7	13.0	22.8	0.05	0.32	3.51	3.83	0.28	0.86	1.14	—	7,861	7,861	0.30	0.60	6.25	8,053
2029	2.05	1.63	11.7	20.4	0.04	0.29	3.20	3.49	0.25	0.79	1.03	—	7,295	7,295	0.29	0.58	5.16	7,479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.60	0.46	4.27	4.91	0.01	0.14	1.12	1.26	0.13	0.34	0.47	—	1,554	1,554	0.08	0.14	1.36	1,599
2025	0.45	0.37	2.66	4.27	0.01	0.08	0.59	0.67	0.07	0.15	0.22	—	1,305	1,305	0.05	0.10	1.36	1,338
2026	0.43	0.33	2.51	4.13	0.01	0.07	0.59	0.66	0.06	0.15	0.21	—	1,288	1,288	0.05	0.10	1.22	1,320
2027	0.49	0.40	2.99	4.87	0.01	0.09	0.60	0.69	0.08	0.15	0.23	—	1,393	1,393	0.06	0.10	1.11	1,426
2028	0.42	3.42	2.37	4.16	0.01	0.06	0.64	0.70	0.05	0.16	0.21	—	1,301	1,301	0.05	0.10	1.03	1,333
2029	0.37	0.30	2.14	3.73	0.01	0.05	0.58	0.64	0.04	0.14	0.19	—	1,208	1,208	0.05	0.10	0.85	1,238

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.78	2.79	38.1	80.2	0.23	0.61	31.3	31.6	0.49	8.02	8.32	—	35,279	35,279	2.24	3.86	65.1	36,552
2025	2.00	1.62	9.13	31.2	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,375	9,375	0.38	0.72	22.1	9,620
2026	1.84	1.54	8.76	30.2	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,250	9,250	0.38	0.72	20.0	9,493
2027	1.98	1.79	10.5	40.4	0.07	0.17	3.95	4.12	0.17	0.97	1.14	—	10,752	10,752	0.43	0.73	18.3	10,998
2028	1.95	38.3	8.95	31.7	0.05	0.14	4.37	4.52	0.11	1.07	1.18	—	9,647	9,647	0.35	0.60	17.6	9,854
2029	1.66	1.33	7.98	27.8	0.05	0.14	3.82	3.96	0.11	0.94	1.05	—	8,820	8,820	0.34	0.60	14.2	9,021
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.22	1.62	24.2	38.8	0.15	0.39	31.3	31.6	0.29	8.02	8.32	—	21,540	21,540	1.55	2.64	0.92	22,366
2025	1.87	1.58	9.61	29.3	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,167	9,167	0.39	0.72	0.57	9,393
2026	1.81	1.41	9.27	28.4	0.05	0.14	3.82	3.96	0.14	0.94	1.08	—	9,046	9,046	0.39	0.72	0.52	9,272
2027	1.94	1.75	10.9	38.6	0.07	0.17	3.95	4.12	0.17	0.97	1.14	—	10,543	10,543	0.44	0.73	0.48	10,773
2028	1.88	38.2	9.46	29.7	0.05	0.14	4.37	4.52	0.11	1.07	1.18	—	9,412	9,412	0.37	0.71	0.46	9,633
2029	1.63	1.29	8.34	26.3	0.05	0.14	3.82	3.96	0.11	0.94	1.05	—	8,628	8,628	0.34	0.68	0.37	8,841
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.61	1.17	10.3	27.2	0.06	0.15	4.98	5.13	0.14	1.28	1.42	—	9,386	9,386	0.51	0.84	8.23	9,658
2025	1.59	1.34	8.07	25.0	0.04	0.12	3.25	3.37	0.12	0.80	0.92	—	7,881	7,881	0.33	0.61	8.20	8,080
2026	1.53	1.20	7.75	24.2	0.04	0.12	3.25	3.37	0.12	0.80	0.92	—	7,777	7,777	0.33	0.61	7.39	7,975
2027	1.57	1.34	8.43	28.6	0.05	0.13	3.31	3.44	0.13	0.81	0.94	—	8,415	8,415	0.35	0.62	6.70	8,615
2028	1.55	18.1	7.64	24.3	0.05	0.12	3.51	3.63	0.09	0.86	0.96	—	7,861	7,861	0.30	0.60	6.25	8,053
2029	1.37	1.09	6.86	22.0	0.04	0.12	3.20	3.32	0.09	0.79	0.88	—	7,295	7,295	0.29	0.58	5.16	7,479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.29	0.21	1.88	4.97	0.01	0.03	0.91	0.94	0.03	0.23	0.26	—	1,554	1,554	0.08	0.14	1.36	1,599
2025	0.29	0.24	1.47	4.55	0.01	0.02	0.59	0.62	0.02	0.15	0.17	—	1,305	1,305	0.05	0.10	1.36	1,338
2026	0.28	0.22	1.41	4.42	0.01	0.02	0.59	0.62	0.02	0.15	0.17	—	1,288	1,288	0.05	0.10	1.22	1,320
2027	0.29	0.24	1.54	5.22	0.01	0.02	0.60	0.63	0.02	0.15	0.17	—	1,393	1,393	0.06	0.10	1.11	1,426
2028	0.28	3.31	1.39	4.44	0.01	0.02	0.64	0.66	0.02	0.16	0.17	—	1,301	1,301	0.05	0.10	1.03	1,333
2029	0.25	0.20	1.25	4.02	0.01	0.02	0.58	0.61	0.02	0.14	0.16	—	1,208	1,208	0.05	0.10	0.85	1,238

3. Construction Emissions Details

3.1. Demolition (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.12	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.39	0.39	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.52	4.91	4.29	0.01	0.21	—	0.21	0.19	—	0.19	—	676	676	0.03	0.01	—	678
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.90	0.78	< 0.005	0.04	—	0.04	0.04	—	0.04	—	112	112	< 0.005	< 0.005	—	112
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.66	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	131	131	< 0.005	< 0.005	0.56	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.41	0.20	< 0.005	0.01	0.08	0.09	< 0.005	0.02	0.03	—	322	322	0.03	0.05	0.70	339
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.2	24.2	< 0.005	< 0.005	0.05	24.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.6	63.6	0.01	0.01	0.06	66.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.5	10.5	< 0.005	< 0.005	0.01	11.1

3.2. Demolition (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.39	0.39	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.89	3.58	0.01	0.01	—	0.01	0.01	—	0.01	—	676	676	0.03	0.01	—	678
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	112	112	< 0.005	< 0.005	—	112
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.04	0.66	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	131	131	< 0.005	< 0.005	0.56	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.41	0.20	< 0.005	0.01	0.08	0.09	< 0.005	0.02	0.03	—	322	322	0.03	0.05	0.70	339
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.2	24.2	< 0.005	< 0.005	0.05	24.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.6	63.6	0.01	0.01	0.06	66.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.5	10.5	< 0.005	< 0.005	0.01	11.1

3.3. Site Preparation (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.36	2.17	< 0.005	0.11	—	0.11	0.10	—	0.10	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	1.29	1.29	—	0.66	0.66	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.27	1.27	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.43	0.40	< 0.005	0.02	—	0.02	0.02	—	0.02	—	57.7	57.7	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.12	0.12	—	—	—	—	—	—	—

Demolition	—	—	—	—	—	—	0.23	0.23	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.77	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	153	153	< 0.005	0.01	0.65	155
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.68	0.34	20.4	9.85	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,096	16,096	1.33	2.59	34.8	16,937
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.66	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	142	142	< 0.005	0.01	0.02	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.66	0.32	21.6	9.83	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,102	16,102	1.33	2.59	0.90	16,909
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.42	9.42	< 0.005	< 0.005	0.02	9.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.11	0.02	1.39	0.64	0.01	0.02	0.27	0.29	0.01	0.07	0.09	—	1,059	1,059	0.09	0.17	0.99	1,112
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.25	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	175	175	0.01	0.03	0.16	184

3.4. Site Preparation (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	19.4	19.4	—	2.93	2.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	1.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—

Demolitio	—	—	—	—	—	—	1.27	1.27	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.7	57.7	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Demolitio n	—	—	—	—	—	—	0.23	0.23	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.77	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	153	153	< 0.005	0.01	0.65	155
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.68	0.34	20.4	9.85	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,096	16,096	1.33	2.59	34.8	16,937
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.66	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	142	142	< 0.005	0.01	0.02	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.66	0.32	21.6	9.83	0.10	0.29	4.09	4.38	0.19	1.12	1.31	—	16,102	16,102	1.33	2.59	0.90	16,909
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.42	9.42	< 0.005	< 0.005	0.02	9.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.11	0.02	1.39	0.64	0.01	0.02	0.27	0.29	0.01	0.07	0.09	—	1,059	1,059	0.09	0.17	0.99	1,112

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.25	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	175	175	0.01	0.03	0.16	184

3.5. Grading (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	9.34	9.34	—	3.67	3.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.23	2.25	1.98	< 0.005	0.10	—	0.10	0.09	—	0.09	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.61	0.61	—	0.24	0.24	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.36	< 0.005	0.02	—	0.02	0.02	—	0.02	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.75	178
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.98	0.40	24.1	11.6	0.12	0.34	4.83	5.17	0.23	1.32	1.55	—	19,007	19,007	1.57	3.06	41.0	19,999
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	10.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.13	0.03	1.65	0.76	0.01	0.02	0.32	0.34	0.02	0.09	0.10	—	1,250	1,250	0.10	0.20	1.17	1,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.30	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	207	207	0.02	0.03	0.19	217

3.6. Grading (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.64	3.64	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.75	178
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.98	0.40	24.1	11.6	0.12	0.34	4.83	5.17	0.23	1.32	1.55	—	19,007	19,007	1.57	3.06	41.0	19,999
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	10.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.13	0.03	1.65	0.76	0.01	0.02	0.32	0.34	0.02	0.09	0.10	—	1,250	1,250	0.10	0.20	1.17	1,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.30	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	207	207	0.02	0.03	0.19	217

3.7. Building Construction (Phase 1) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.48	1.24	11.5	13.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,432	2,432	0.10	0.02	—	2,440

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.48	1.24	11.5	13.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	0.73	6.79	7.89	0.01	0.30	—	0.30	0.28	—	0.28	—	1,439	1,439	0.06	0.01	—	1,444
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.24	1.44	< 0.005	0.05	—	0.05	0.05	—	0.05	—	238	238	0.01	< 0.005	—	239
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.28	1.16	0.90	14.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,914	2,914	0.05	0.11	12.4	2,960
Vendor	0.42	0.15	5.49	2.62	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,153	4,153	0.26	0.62	10.9	4,354
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.24	1.11	1.12	12.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,699	2,699	0.07	0.12	0.32	2,735
Vendor	0.41	0.15	5.81	2.70	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,156	4,156	0.26	0.62	0.28	4,346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.72	0.65	0.60	7.34	0.00	0.00	1.62	1.62	0.00	0.38	0.38	—	1,615	1,615	0.04	0.07	3.16	1,639
Vendor	0.24	0.09	3.36	1.57	0.02	0.03	0.63	0.66	0.03	0.17	0.21	—	2,458	2,458	0.15	0.36	2.78	2,574
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.34	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	267	267	0.01	0.01	0.52	271
Vendor	0.04	0.02	0.61	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	407	407	0.03	0.06	0.46	426
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (Phase 1) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.23	0.21	1.82	8.90	0.01	0.05	—	0.05	0.05	—	0.05	—	1,439	1,439	0.06	0.01	—	1,444
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.33	1.62	< 0.005	0.01	—	0.01	0.01	—	0.01	—	238	238	0.01	< 0.005	—	239
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.28	1.16	0.90	14.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,914	2,914	0.05	0.11	12.4	2,960
Vendor	0.42	0.15	5.49	2.62	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,153	4,153	0.26	0.62	10.9	4,354
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.24	1.11	1.12	12.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,699	2,699	0.07	0.12	0.32	2,735
Vendor	0.41	0.15	5.81	2.70	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,156	4,156	0.26	0.62	0.28	4,346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.72	0.65	0.60	7.34	0.00	0.00	1.62	1.62	0.00	0.38	0.38	—	1,615	1,615	0.04	0.07	3.16	1,639
Vendor	0.24	0.09	3.36	1.57	0.02	0.03	0.63	0.66	0.03	0.17	0.21	—	2,458	2,458	0.15	0.36	2.78	2,574
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.34	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	267	267	0.01	0.01	0.52	271
Vendor	0.04	0.02	0.61	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	407	407	0.03	0.06	0.46	426
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (Phase 1) (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.39	1.16	10.7	13.3	0.02	0.44	—	0.44	0.41	—	0.41	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.39	1.16	10.7	13.3	0.02	0.44	—	0.44	0.41	—	0.41	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	0.99	9.17	11.4	0.02	0.38	—	0.38	0.35	—	0.35	—	2,085	2,085	0.08	0.02	—	2,092
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.67	2.07	< 0.005	0.07	—	0.07	0.06	—	0.06	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.11	0.81	13.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,857	2,857	0.05	0.11	11.3	2,901
Vendor	0.39	0.15	5.25	2.53	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,087	4,087	0.23	0.59	10.8	4,278
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.10	1.07	1.02	11.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,646	2,646	0.07	0.12	0.29	2,682
Vendor	0.38	0.14	5.51	2.57	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,089	4,089	0.23	0.59	0.28	4,270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.90	0.78	9.86	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,293	2,293	0.05	0.09	4.17	2,326
Vendor	0.33	0.13	4.64	2.20	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,504	3,504	0.19	0.50	4.02	3,663
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.14	1.80	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	380	380	0.01	0.02	0.69	385
Vendor	0.06	0.02	0.85	0.40	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	580	580	0.03	0.08	0.67	606
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (Phase 1) (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.08	15.0	0.02	0.09	—	0.09	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,441
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.64	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,085	2,085	0.08	0.02	—	2,092
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.22	1.11	0.81	13.6	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,857	2,857	0.05	0.11	11.3	2,901
Vendor	0.39	0.15	5.25	2.53	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,087	4,087	0.23	0.59	10.8	4,278
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.10	1.07	1.02	11.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,646	2,646	0.07	0.12	0.29	2,682

Vendor	0.38	0.14	5.51	2.57	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,089	4,089	0.23	0.59	0.28	4,270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.90	0.78	9.86	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,293	2,293	0.05	0.09	4.17	2,326
Vendor	0.33	0.13	4.64	2.20	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,504	3,504	0.19	0.50	4.02	3,663
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.14	1.80	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	380	380	0.01	0.02	0.69	385
Vendor	0.06	0.02	0.85	0.40	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	580	580	0.03	0.08	0.67	606
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (Phase 1) (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.10	10.1	13.2	0.02	0.39	—	0.39	0.36	—	0.36	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.10	10.1	13.2	0.02	0.39	—	0.39	0.36	—	0.36	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	0.95	8.66	11.3	0.02	0.33	—	0.33	0.31	—	0.31	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.58	2.06	< 0.005	0.06	—	0.06	0.06	—	0.06	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.08	1.05	0.71	12.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,803	2,803	0.05	0.11	10.2	2,846
Vendor	0.38	0.12	4.98	2.44	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,016	4,016	0.23	0.59	9.79	4,206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	0.93	0.92	10.8	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,596	2,596	0.07	0.12	0.27	2,633
Vendor	0.37	0.12	5.27	2.48	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,018	4,018	0.23	0.59	0.25	4,199
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.79	0.70	9.19	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,250	2,250	0.05	0.09	3.78	2,282
Vendor	0.32	0.10	4.41	2.12	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,443	3,443	0.19	0.50	3.61	3,602
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.13	1.68	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	372	372	0.01	0.02	0.63	378

Vendor	0.06	0.02	0.81	0.39	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	570	570	0.03	0.08	0.60	596
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (Phase 1) (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.63	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.08	1.05	0.71	12.7	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,803	2,803	0.05	0.11	10.2	2,846
Vendor	0.38	0.12	4.98	2.44	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,016	4,016	0.23	0.59	9.79	4,206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	0.93	0.92	10.8	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,596	2,596	0.07	0.12	0.27	2,633
Vendor	0.37	0.12	5.27	2.48	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	4,018	4,018	0.23	0.59	0.25	4,199
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.79	0.70	9.19	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,250	2,250	0.05	0.09	3.78	2,282
Vendor	0.32	0.10	4.41	2.12	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,443	3,443	0.19	0.50	3.61	3,602
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.13	1.68	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	372	372	0.01	0.02	0.63	378
Vendor	0.06	0.02	0.81	0.39	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	570	570	0.03	0.08	0.60	596
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (Phase 1) (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.27	1.06	9.64	13.1	0.02	0.35	—	0.35	0.32	—	0.32	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.27	1.06	9.64	13.1	0.02	0.35	—	0.35	0.32	—	0.32	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	0.91	8.26	11.3	0.02	0.30	—	0.30	0.27	—	0.27	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.17	1.51	2.06	< 0.005	0.05	—	0.05	0.05	—	0.05	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	0.92	0.70	11.9	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,751	2,751	0.04	0.11	9.23	2,794
Vendor	0.35	0.12	4.76	2.35	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,934	3,934	0.23	0.58	8.66	4,122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.89	0.82	10.1	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,549	2,549	0.06	0.11	0.24	2,583

Vendor	0.34	0.12	5.00	2.41	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,937	3,937	0.22	0.59	0.22	4,118
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.85	0.75	0.69	8.60	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,209	2,209	0.04	0.09	3.41	2,241
Vendor	0.30	0.10	4.20	2.04	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,373	3,373	0.19	0.50	3.20	3,531
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.13	1.57	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	366	366	0.01	0.02	0.57	371
Vendor	0.05	0.02	0.77	0.37	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	558	558	0.03	0.08	0.53	585
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (Phase 1) (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.63	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,084	2,084	0.08	0.02	—	2,091
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	345	345	0.01	< 0.005	—	346
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.03	0.92	0.70	11.9	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,751	2,751	0.04	0.11	9.23	2,794
Vendor	0.35	0.12	4.76	2.35	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,934	3,934	0.23	0.58	8.66	4,122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.89	0.82	10.1	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,549	2,549	0.06	0.11	0.24	2,583
Vendor	0.34	0.12	5.00	2.41	0.03	0.06	1.07	1.12	0.06	0.29	0.35	—	3,937	3,937	0.22	0.59	0.22	4,118
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.85	0.75	0.69	8.60	0.00	0.00	2.34	2.34	0.00	0.55	0.55	—	2,209	2,209	0.04	0.09	3.41	2,241
Vendor	0.30	0.10	4.20	2.04	0.02	0.05	0.91	0.96	0.05	0.25	0.30	—	3,373	3,373	0.19	0.50	3.20	3,531
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.13	1.57	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	366	366	0.01	0.02	0.57	371

Vendor	0.05	0.02	0.77	0.37	< 0.005	0.01	0.17	0.17	0.01	0.05	0.05	—	558	558	0.03	0.08	0.53	585
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Building Construction (Phase 1) (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22	1.02	9.18	13.1	0.02	0.31	—	0.31	0.29	—	0.29	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22	1.02	9.18	13.1	0.02	0.31	—	0.31	0.29	—	0.29	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.05	0.88	7.89	11.3	0.02	0.27	—	0.27	0.25	—	0.25	—	2,090	2,090	0.08	0.02	—	2,097
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.44	2.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	346	346	0.01	< 0.005	—	347
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	0.89	0.61	11.2	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,703	2,703	0.04	0.02	8.30	2,719
Vendor	0.35	0.12	4.51	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,838	3,838	0.19	0.56	7.66	4,016
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.86	0.81	9.53	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,505	2,505	0.06	0.11	0.22	2,539
Vendor	0.31	0.12	4.77	2.32	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,841	3,841	0.19	0.56	0.20	4,013
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.73	0.61	8.12	0.00	0.00	2.35	2.35	0.00	0.55	0.55	—	2,176	2,176	0.04	0.09	3.08	2,208
Vendor	0.30	0.10	4.02	1.96	0.02	0.05	0.91	0.96	0.02	0.25	0.28	—	3,300	3,300	0.17	0.48	2.84	3,449
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.11	1.48	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	360	360	0.01	0.02	0.51	366
Vendor	0.05	0.02	0.73	0.36	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	546	546	0.03	0.08	0.47	571
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Building Construction (Phase 1) (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.07	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,432	2,432	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.31	2.63	12.9	0.02	0.07	—	0.07	0.07	—	0.07	—	2,090	2,090	0.08	0.02	—	2,097
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.48	2.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	346	346	0.01	< 0.005	—	347
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	0.89	0.61	11.2	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,703	2,703	0.04	0.02	8.30	2,719
Vendor	0.35	0.12	4.51	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,838	3,838	0.19	0.56	7.66	4,016
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.97	0.86	0.81	9.53	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,505	2,505	0.06	0.11	0.22	2,539

Vendor	0.31	0.12	4.77	2.32	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,841	3,841	0.19	0.56	0.20	4,013
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.73	0.61	8.12	0.00	0.00	2.35	2.35	0.00	0.55	0.55	—	2,176	2,176	0.04	0.09	3.08	2,208
Vendor	0.30	0.10	4.02	1.96	0.02	0.05	0.91	0.96	0.02	0.25	0.28	—	3,300	3,300	0.17	0.48	2.84	3,449
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.11	1.48	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	360	360	0.01	0.02	0.51	366
Vendor	0.05	0.02	0.73	0.36	< 0.005	0.01	0.17	0.18	< 0.005	0.05	0.05	—	546	546	0.03	0.08	0.47	571
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Building Construction (Phase 1) (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	1.00	8.83	13.1	0.02	0.29	—	0.29	0.26	—	0.26	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	1.00	8.83	13.1	0.02	0.29	—	0.29	0.26	—	0.26	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.84	7.45	11.1	0.02	0.24	—	0.24	0.22	—	0.22	—	2,050	2,050	0.08	0.02	—	2,057
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.36	2.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	339	339	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	0.84	0.60	10.5	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,658	2,658	0.04	0.02	7.40	2,673
Vendor	0.32	0.12	4.31	2.20	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,731	3,731	0.19	0.56	6.78	3,908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.81	0.72	9.02	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,463	2,463	0.05	0.11	0.19	2,497
Vendor	0.31	0.12	4.56	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,733	3,733	0.19	0.56	0.18	3,904
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.69	0.52	7.49	0.00	0.00	2.30	2.30	0.00	0.54	0.54	—	2,099	2,099	0.04	0.09	2.69	2,130
Vendor	0.27	0.10	3.76	1.87	0.02	0.05	0.89	0.94	0.02	0.25	0.27	—	3,146	3,146	0.16	0.47	2.47	3,292
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.09	1.37	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	348	348	0.01	0.02	0.45	353

Vendor	0.05	0.02	0.69	0.34	< 0.005	0.01	0.16	0.17	< 0.005	0.05	0.05	—	521	521	0.03	0.08	0.41	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Building Construction (Phase 1) (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.06	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.36	3.06	15.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,431	2,431	0.10	0.02	—	2,440
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.30	2.58	12.7	0.02	0.07	—	0.07	0.07	—	0.07	—	2,050	2,050	0.08	0.02	—	2,057
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.47	2.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	339	339	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	0.84	0.60	10.5	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,658	2,658	0.04	0.02	7.40	2,673
Vendor	0.32	0.12	4.31	2.20	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,731	3,731	0.19	0.56	6.78	3,908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.93	0.81	0.72	9.02	0.00	0.00	2.76	2.76	0.00	0.65	0.65	—	2,463	2,463	0.05	0.11	0.19	2,497
Vendor	0.31	0.12	4.56	2.26	0.03	0.06	1.07	1.12	0.03	0.29	0.32	—	3,733	3,733	0.19	0.56	0.18	3,904
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.78	0.69	0.52	7.49	0.00	0.00	2.30	2.30	0.00	0.54	0.54	—	2,099	2,099	0.04	0.09	2.69	2,130
Vendor	0.27	0.10	3.76	1.87	0.02	0.05	0.89	0.94	0.02	0.25	0.27	—	3,146	3,146	0.16	0.47	2.47	3,292
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.09	1.37	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	348	348	0.01	0.02	0.45	353
Vendor	0.05	0.02	0.69	0.34	< 0.005	0.01	0.16	0.17	< 0.005	0.05	0.05	—	521	521	0.03	0.08	0.41	545
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Paving (Phase 1) (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.34	3.20	4.58	0.01	0.14	—	0.14	0.13	—	0.13	—	696	696	0.03	0.01	—	698
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.58	0.84	< 0.005	0.03	—	0.03	0.02	—	0.02	—	115	115	< 0.005	< 0.005	—	116
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.53	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.42	126
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.01	116
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.4	53.4	< 0.005	< 0.005	0.08	54.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	8.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Paving (Phase 1) (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.89	4.88	0.01	0.01	—	0.01	0.01	—	0.01	—	696	696	0.03	0.01	—	698
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	115	115	< 0.005	< 0.005	—	116
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.53	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.42	126
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.01	116

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.4	53.4	< 0.005	< 0.005	0.08	54.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.01	8.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Architectural Coating (Phase 1) (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134

Architect Coatings	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.37	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	61.5	61.5	< 0.005	< 0.005	—	61.7
Architectural Coatings	—	16.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.2	10.2	< 0.005	< 0.005	—	10.2
Architectural Coatings	—	3.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.12	2.23	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	541	541	0.01	< 0.005	1.66	544
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	1.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	501	501	0.01	0.02	0.04	508
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.87	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	233	233	< 0.005	0.01	0.33	237
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.05	39.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Architectural Coating (Phase 1) (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134

Architectural	—	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.30	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.5	61.5	< 0.005	< 0.005	—	61.7
Architectural Coatings	—	16.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.2	10.2	< 0.005	< 0.005	—	10.2
Architectural Coatings	—	3.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.12	2.23	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	541	541	0.01	< 0.005	1.66	544
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.16	1.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	501	501	0.01	0.02	0.04	508
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.87	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	233	233	< 0.005	0.01	0.33	237
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.05	39.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition (Phase 1)	Demolition	4/24/2024	7/16/2024	6.00	72.0	—
Site Preparation (Phase 1)	Site Preparation	3/27/2024	4/23/2024	6.00	24.0	—
Grading (Phase 1)	Grading	7/17/2024	8/13/2024	6.00	24.0	—
Building Construction (Phase 1)	Building Construction	4/24/2024	12/25/2029	6.00	1,776	—
Paving (Phase 1)	Paving	4/21/2027	11/2/2027	6.00	168	—
Architectural Coating (Phase 1)	Architectural Coating	1/26/2028	8/8/2028	6.00	168	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 1)	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition (Phase 1)	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition (Phase 1)	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation (Phase 1)	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (Phase 1)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (Phase 1)	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

Grading (Phase 1)	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading (Phase 1)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction (Phase 1)	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction (Phase 1)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 1)	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction (Phase 1)	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction (Phase 1)	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Paving (Phase 1)	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving (Phase 1)	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving (Phase 1)	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating (Phase 1)	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 1)	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition (Phase 1)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition (Phase 1)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation (Phase 1)	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (Phase 1)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41

Grading (Phase 1)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading (Phase 1)	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading (Phase 1)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction (Phase 1)	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction (Phase 1)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 1)	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction (Phase 1)	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction (Phase 1)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Building Construction (Phase 1)	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Paving (Phase 1)	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving (Phase 1)	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving (Phase 1)	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating (Phase 1)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition (Phase 1)	—	—	—	—
Demolition (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 1)	Vendor	—	8.40	HHDT,MHDT

Demolition (Phase 1)	Hauling	4.42	20.0	HHDT
Demolition (Phase 1)	Onsite truck	—	—	HHDT
Site Preparation (Phase 1)	—	—	—	—
Site Preparation (Phase 1)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 1)	Hauling	221	20.0	HHDT
Site Preparation (Phase 1)	Onsite truck	—	—	HHDT
Grading (Phase 1)	—	—	—	—
Grading (Phase 1)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 1)	Hauling	260	20.0	HHDT
Grading (Phase 1)	Onsite truck	—	—	HHDT
Building Construction (Phase 1)	—	—	—	—
Building Construction (Phase 1)	Worker	333	11.7	LDA,LDT1,LDT2
Building Construction (Phase 1)	Vendor	151	8.40	HHDT,MHDT
Building Construction (Phase 1)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 1)	Onsite truck	—	—	HHDT
Paving (Phase 1)	—	—	—	—
Paving (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 1)	Hauling	0.00	20.0	HHDT
Paving (Phase 1)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 1)	—	—	—	—
Architectural Coating (Phase 1)	Worker	66.7	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 1)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 1)	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition (Phase 1)	—	—	—	—
Demolition (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Demolition (Phase 1)	Hauling	4.42	20.0	HHDT
Demolition (Phase 1)	Onsite truck	—	—	HHDT
Site Preparation (Phase 1)	—	—	—	—
Site Preparation (Phase 1)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 1)	Hauling	221	20.0	HHDT
Site Preparation (Phase 1)	Onsite truck	—	—	HHDT
Grading (Phase 1)	—	—	—	—
Grading (Phase 1)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 1)	Hauling	260	20.0	HHDT
Grading (Phase 1)	Onsite truck	—	—	HHDT
Building Construction (Phase 1)	—	—	—	—
Building Construction (Phase 1)	Worker	333	11.7	LDA,LDT1,LDT2
Building Construction (Phase 1)	Vendor	151	8.40	HHDT,MHDT
Building Construction (Phase 1)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 1)	Onsite truck	—	—	HHDT
Paving (Phase 1)	—	—	—	—
Paving (Phase 1)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 1)	Hauling	0.00	20.0	HHDT
Paving (Phase 1)	Onsite truck	—	—	HHDT

Architectural Coating (Phase 1)	—	—	—	—
Architectural Coating (Phase 1)	Worker	66.7	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 1)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 1)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 1)	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating (Phase 1)	0.00	0.00	869,811	287,377	29,570

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition (Phase 1)	0.00	0.00	0.00	27,646	—
Site Preparation (Phase 1)	—	—	36.0	21,170	—
Grading (Phase 1)	10,000	40,000	180	0.00	—
Paving (Phase 1)	0.00	0.00	0.00	0.00	11.3

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Hospital	0.00	0%
Parking Lot	4.97	100%
Enclosed Parking with Elevator	5.88	100%
General Heavy Industry	0.00	0%
Other Asphalt Surfaces	0.47	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	204	0.03	< 0.005
2026	0.00	204	0.03	< 0.005
2027	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005
2028	0.00	204	0.03	< 0.005
2029	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth

Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0

Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100

Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4

Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8

Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Includes both KSF and Parking space data for garage. Hospital Building "C" is being constructed with partial demolition of Building "A" and total demolition of the Day Care.

Construction: Construction Phases	Data provided by excel sheet, updating Construction Phases to reflect excel doc.
Construction: Dust From Material Movement	Based on provided construction assumptions and site plan.
Construction: Demolition	Based on provided construction assumptions and site plan.
Construction: Off-Road Equipment	Plate compactor is meant to represent the use of pile driving equipment necessary for the CUP.

Good Sam Phase 2 - Construction Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 2 - Construction
Construction Start Date	1/21/2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Parking Lot	421	Space	3.79	0.00	0.00	—	—	Parking Lot

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.97	3.07	47.0	44.1	0.22	1.07	14.3	15.3	1.01	5.36	6.37	—	28,107	28,107	1.75	3.72	33.8	29,294
Mit.	2.78	1.05	31.6	46.6	0.22	0.45	9.82	10.3	0.45	3.25	3.71	—	28,107	28,107	1.75	3.72	33.8	29,294
% Reduced	44%	66%	33%	-6%	—	57%	31%	33%	55%	39%	42%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.51	3.16	38.3	34.7	0.12	1.22	35.9	37.1	1.13	12.9	14.0	—	15,244	15,244	0.91	1.62	0.45	15,750
Mit.	1.47	1.31	15.0	34.8	0.12	0.23	23.9	24.1	0.23	6.75	6.98	—	15,244	15,244	0.91	1.62	0.45	15,750
% Reduced	67%	59%	61%	> -0.5%	—	81%	33%	35%	79%	48%	50%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	3.20	2.63	23.9	27.8	0.05	0.86	2.76	3.61	0.79	0.83	1.62	—	6,030	6,030	0.27	0.31	1.16	6,096
Mit.	0.72	0.63	7.24	29.0	0.05	0.13	2.14	2.27	0.13	0.51	0.64	—	6,030	6,030	0.27	0.31	1.16	6,096
% Reduced	78%	76%	70%	-4%	—	85%	22%	37%	84%	38%	61%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.58	0.48	4.36	5.07	0.01	0.16	0.50	0.66	0.14	0.15	0.30	—	998	998	0.05	0.05	0.19	1,009
Mit.	0.13	0.11	1.32	5.28	0.01	0.02	0.39	0.41	0.02	0.09	0.12	—	998	998	0.05	0.05	0.19	1,009
% Reduced	78%	76%	70%	-4%	—	85%	22%	37%	84%	38%	61%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	3.70	3.07	27.2	32.4	0.06	0.99	1.12	2.11	0.91	0.20	1.11	—	6,535	6,535	0.28	0.14	1.25	6,585
2031	4.97	3.00	47.0	44.1	0.22	1.07	14.3	15.3	1.01	5.36	6.37	—	28,107	28,107	1.75	3.72	33.8	29,294
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	4.51	3.16	38.3	34.6	0.12	1.22	35.9	37.1	1.13	12.9	14.0	—	15,244	15,244	0.91	1.62	0.45	15,750
2030	4.37	3.11	37.1	34.7	0.12	1.20	35.9	37.1	1.11	12.9	14.0	—	14,957	14,957	0.91	1.55	0.41	15,443
2031	3.61	3.00	26.4	31.9	0.06	0.95	1.12	2.08	0.88	0.20	1.08	—	6,507	6,507	0.28	0.14	0.03	6,556
2032	1.18	1.95	8.64	13.9	0.03	0.23	0.00	0.23	0.21	0.00	0.21	—	2,530	2,530	0.10	0.02	0.00	2,539
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.06	0.04	0.54	0.49	< 0.005	0.02	0.50	0.52	0.02	0.18	0.20	—	215	215	0.01	0.02	0.11	222
2030	3.20	2.63	23.9	27.8	0.05	0.86	2.76	3.61	0.79	0.83	1.62	—	6,030	6,030	0.27	0.19	0.78	6,096

2031	2.25	1.90	17.3	21.6	0.05	0.55	1.38	1.94	0.51	0.43	0.94	—	5,507	5,507	0.27	0.31	1.16	5,607
2032	0.06	0.09	0.41	0.65	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	—	119	119	< 0.005	< 0.005	0.00	119
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01	0.01	0.10	0.09	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.04	—	35.6	35.6	< 0.005	< 0.005	0.02	36.8
2030	0.58	0.48	4.36	5.07	0.01	0.16	0.50	0.66	0.14	0.15	0.30	—	998	998	0.05	0.03	0.13	1,009
2031	0.41	0.35	3.15	3.93	0.01	0.10	0.25	0.35	0.09	0.08	0.17	—	912	912	0.04	0.05	0.19	928
2032	0.01	0.02	0.07	0.12	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	19.7	19.7	< 0.005	< 0.005	0.00	19.7

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.80	0.74	8.04	33.8	0.06	0.15	1.12	1.27	0.14	0.20	0.34	—	6,535	6,535	0.28	0.14	1.25	6,585
2031	2.78	1.05	31.6	46.6	0.22	0.45	9.82	10.3	0.45	3.25	3.71	—	28,107	28,107	1.75	3.72	33.8	29,294
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	1.47	0.69	15.0	34.8	0.12	0.23	23.9	24.1	0.23	6.75	6.98	—	15,244	15,244	0.91	1.62	0.45	15,750
2030	1.39	0.73	14.5	34.6	0.12	0.23	23.9	24.1	0.23	6.75	6.98	—	14,957	14,957	0.91	1.55	0.41	15,443
2031	0.80	1.31	8.06	33.7	0.06	0.14	1.12	1.27	0.14	0.20	0.34	—	6,507	6,507	0.28	0.14	0.03	6,556
2032	0.37	1.31	3.45	15.8	0.03	0.08	0.00	0.08	0.07	0.00	0.07	—	2,530	2,530	0.10	0.02	0.00	2,539
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.02	0.01	0.21	0.49	< 0.005	< 0.005	0.34	0.34	< 0.005	0.10	0.10	—	215	215	0.01	0.02	0.11	222
2030	0.72	0.63	7.24	29.0	0.05	0.13	2.14	2.27	0.13	0.51	0.64	—	6,030	6,030	0.27	0.19	0.78	6,096
2031	0.67	0.62	6.68	23.3	0.05	0.12	1.09	1.21	0.12	0.29	0.41	—	5,507	5,507	0.27	0.31	1.16	5,607
2032	0.02	0.06	0.16	0.74	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	119	119	< 0.005	< 0.005	0.00	119

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	35.6	35.6	< 0.005	< 0.005	0.02	36.8
2030	0.13	0.11	1.32	5.28	0.01	0.02	0.39	0.41	0.02	0.09	0.12	—	998	998	0.05	0.03	0.13	1,009
2031	0.12	0.11	1.22	4.25	0.01	0.02	0.20	0.22	0.02	0.05	0.08	—	912	912	0.04	0.05	0.19	928
2032	< 0.005	0.01	0.03	0.14	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	19.7	19.7	< 0.005	< 0.005	0.00	19.7

3. Construction Emissions Details

3.1. Demolition (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.09	18.1	18.7	0.03	0.72	—	0.72	0.66	—	0.66	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.09	18.1	18.7	0.03	0.72	—	0.72	0.66	—	0.66	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.00	1.68	14.6	15.0	0.03	0.58	—	0.58	0.53	—	0.53	—	2,760	2,760	0.11	0.02	—	2,769
Demolition	—	—	—	—	—	—	0.67	0.67	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.66	2.75	< 0.005	0.11	—	0.11	0.10	—	0.10	—	457	457	0.02	< 0.005	—	458
Demolition	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.02	0.45	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	118	118	< 0.005	< 0.005	0.30	118
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.70	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.95	624
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.38	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	109	109	< 0.005	< 0.005	0.01	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.74	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.02	623
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	88.8	88.8	< 0.005	< 0.005	0.10	89.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.04	0.01	0.59	0.29	< 0.005	0.01	0.14	0.15	0.01	0.04	0.04	—	479	479	0.03	0.08	0.33	502
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.02	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	79.2	79.2	0.01	0.01	0.05	83.2

3.2. Demolition (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	3.63	14.6	0.03	0.05	—	0.05	0.05	—	0.05	—	2,760	2,760	0.11	0.02	—	2,769

Demolitio	—	—	—	—	—	—	0.67	0.67	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.66	2.67	< 0.005	0.01	—	0.01	0.01	—	0.01	—	457	457	0.02	< 0.005	—	458
Demolitio n	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.02	0.45	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	118	118	< 0.005	< 0.005	0.30	118
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.70	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.95	624
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.38	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	109	109	< 0.005	< 0.005	0.01	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.74	0.36	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	594	594	0.04	0.09	0.02	623
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	88.8	88.8	< 0.005	< 0.005	0.10	89.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.59	0.29	< 0.005	0.01	0.14	0.15	0.01	0.04	0.04	—	479	479	0.03	0.08	0.33	502
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.02	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	79.2	79.2	0.01	0.01	0.05	83.2

3.3. Demolition (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.43	2.04	17.5	18.3	0.03	0.70	—	0.70	0.64	—	0.64	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.43	2.04	17.5	18.3	0.03	0.70	—	0.70	0.64	—	0.64	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	0.77	6.63	6.92	0.01	0.26	—	0.26	0.24	—	0.24	—	1,295	1,295	0.05	0.01	—	1,300
Demolition	—	—	—	—	—	—	0.31	0.31	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.21	1.26	< 0.005	0.05	—	0.05	0.04	—	0.04	—	214	214	0.01	< 0.005	—	215
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.68	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	576	576	0.04	0.09	0.85	606
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.37	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	108	108	< 0.005	< 0.005	0.01	108
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.72	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	577	577	0.04	0.09	0.02	606
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.1	41.1	< 0.005	< 0.005	0.04	41.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	218	218	0.01	0.04	0.14	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	0.01	6.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.1	36.1	< 0.005	0.01	0.02	37.9

3.4. Demolition (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	1.70	6.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,295	1,295	0.05	0.01	—	1,300
Demolition	—	—	—	—	—	—	0.31	0.31	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.31	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	214	214	0.01	< 0.005	—	215
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.68	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	576	576	0.04	0.09	0.85	606
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.37	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	108	108	< 0.005	< 0.005	0.01	108
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.72	0.35	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	577	577	0.04	0.09	0.02	606
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.1	41.1	< 0.005	< 0.005	0.04	41.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	218	218	0.01	0.04	0.14	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	0.01	6.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.1	36.1	< 0.005	0.01	0.02	37.9

3.5. Site Preparation (Phase 2) (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.53	2.97	25.9	28.1	0.05	1.09	—	1.09	1.00	—	1.00	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.40	< 0.005	0.02	—	0.02	0.01	—	0.01	—	74.6	74.6	< 0.005	< 0.005	—	74.9
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.19	0.19	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.4

Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.47	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	129	129	< 0.005	0.01	0.01	131
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.92	0.15	12.3	6.01	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,818	9,818	0.70	1.57	0.44	10,304
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.10	145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.02	24.0

3.6. Site Preparation (Phase 2) (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.9
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.19	0.19	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.4

Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.47	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	129	129	< 0.005	0.01	0.01	131
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.92	0.15	12.3	6.01	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,818	9,818	0.70	1.57	0.44	10,304
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.10	145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.02	24.0

3.7. Site Preparation (Phase 2) (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.47	2.92	25.2	28.4	0.05	1.07	—	1.07	0.98	—	0.98	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.30	1.47	< 0.005	0.06	—	0.06	0.05	—	0.05	—	274	274	0.01	< 0.005	—	275
Dust From Material Movement	—	—	—	—	—	—	1.02	1.02	—	0.52	0.52	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.68	0.68	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	45.3	45.3	< 0.005	< 0.005	—	45.5

Dust From Material Movement	—	—	—	—	—	—	0.19	0.19	—	0.10	0.10	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.45	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	127	127	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.85	0.15	11.9	5.81	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,534	9,534	0.69	1.51	0.40	10,001
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.30	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	492	492	0.04	0.08	0.34	517
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	81.5	81.5	0.01	0.01	0.06	85.6

3.8. Site Preparation (Phase 2) (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	13.3	13.3	—	2.01	2.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.13	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	274	274	0.01	< 0.005	—	275
Dust From Material Movement	—	—	—	—	—	—	0.40	0.40	—	0.20	0.20	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.68	0.68	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.3	45.3	< 0.005	< 0.005	—	45.5

Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.12	0.12	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.45	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	127	127	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.85	0.15	11.9	5.81	0.07	0.13	2.80	2.93	0.13	0.77	0.90	—	9,534	9,534	0.69	1.51	0.40	10,001
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.30	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	492	492	0.04	0.08	0.34	517
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	81.5	81.5	0.01	0.01	0.06	85.6

3.9. Grading (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.72	1.45	12.2	17.1	0.03	0.50	—	0.50	0.46	—	0.46	—	2,959	2,959	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	7.28	7.28	—	3.45	3.45	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.80	1.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	195	195	0.01	< 0.005	—	195
Dust From Material Movement	—	—	—	—	—	—	0.48	0.48	—	0.23	0.23	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.21	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.2	32.2	< 0.005	< 0.005	—	32.3
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.11	0.40	26.7	13.6	0.17	0.33	6.86	7.18	0.33	1.88	2.20	—	22,635	22,635	1.53	3.68	33.6	23,803
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	0.01	7.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.14	0.03	1.82	0.90	0.01	0.02	0.45	0.47	0.02	0.12	0.14	—	1,489	1,489	0.10	0.24	0.95	1,564
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.18	1.18	< 0.005	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.33	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	246	246	0.02	0.04	0.16	259

3.10. Grading (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,959	2,959	0.12	0.02	—	2,969

Dust From Material Movement	—	—	—	—	—	—	2.84	2.84	—	1.35	1.35	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	195	195	0.01	< 0.005	—	195
Dust From Material Movement	—	—	—	—	—	—	0.19	0.19	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.2	32.2	< 0.005	< 0.005	—	32.3
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.43	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.11	0.40	26.7	13.6	0.17	0.33	6.86	7.18	0.33	1.88	2.20	—	22,635	22,635	1.53	3.68	33.6	23,803

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	0.01	7.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.14	0.03	1.82	0.90	0.01	0.02	0.45	0.47	0.02	0.12	0.14	—	1,489	1,489	0.10	0.24	0.95	1,564
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.18	1.18	< 0.005	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.33	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	246	246	0.02	0.04	0.16	259

3.11. Building Construction (Phase 2) (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	0.94	8.39	12.9	0.02	0.26	—	0.26	0.24	—	0.24	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	0.94	8.39	12.9	0.02	0.26	—	0.26	0.24	—	0.24	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	6.76	10.4	0.02	0.21	—	0.21	0.19	—	0.19	—	1,931	1,931	0.08	0.02	—	1,937
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.23	1.89	< 0.005	0.04	—	0.04	0.04	—	0.04	—	320	320	0.01	< 0.005	—	321
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (Phase 2) (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.26	2.26	11.9	0.02	0.06	—	0.06	0.06	—	0.06	—	1,931	1,931	0.08	0.02	—	1,937
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.41	2.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	320	320	0.01	< 0.005	—	321
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.10	0.92	8.12	12.8	0.02	0.24	—	0.24	0.22	—	0.22	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.10	0.92	8.12	12.8	0.02	0.24	—	0.24	0.22	—	0.22	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.79	6.96	11.0	0.02	0.21	—	0.21	0.19	—	0.19	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.27	2.01	< 0.005	0.04	—	0.04	0.04	—	0.04	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.28	2.41	12.7	0.02	0.06	—	0.06	0.06	—	0.06	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.44	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Building Construction (Phase 2) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Building Construction (Phase 2) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Paving (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.58	5.49	8.78	0.01	0.18	—	0.18	0.16	—	0.16	—	1,350	1,350	0.05	0.01	—	1,354
Paving	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.72	1.16	< 0.005	0.02	—	0.02	0.02	—	0.02	—	178	178	0.01	< 0.005	—	178
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.4	29.4	< 0.005	< 0.005	—	29.5
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.49	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	143	143	< 0.005	< 0.005	0.01	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	19.1	19.1	< 0.005	< 0.005	0.02	19.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Paving (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.21	2.14	9.35	0.01	0.05	—	0.05	0.05	—	0.05	—	1,350	1,350	0.05	0.01	—	1,354
Paving	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	1.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	178
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.22	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.4	29.4	< 0.005	< 0.005	—	29.5
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.49	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	143	143	< 0.005	< 0.005	0.01	144
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	19.1	19.1	< 0.005	< 0.005	0.02	19.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.17

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Architectural Coating (Phase 2) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.78	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Architectural Coatings	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.87	1.87	< 0.005	< 0.005	—	1.88

Architect Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Architectural Coating (Phase 2) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Architectural Coatings	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.87	1.87	< 0.005	< 0.005	—	1.88
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Architectural Coating (Phase 2) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.77	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.27	6.27	< 0.005	< 0.005	—	6.29
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Architectural Coating (Phase 2) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.27	6.27	< 0.005	< 0.005	—	6.29
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/23/2030	6/10/2031	6.00	432	—
Site Preparation (Phase 2)	Site Preparation	12/26/2029	1/22/2030	6.00	24.0	—
Grading (Phase 2)	Grading	6/11/2031	7/8/2031	6.00	24.0	—
Building Construction (Phase 2)	Building Construction	1/23/2030	1/20/2032	6.00	624	—
Paving (Phase 2)	Paving	10/01/2031	11/25/2031	6.00	48.0	—
Architectural Coating (Phase 2)	Architectural Coating	11/26/2031	1/20/2032	6.00	48.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Site Preparation (Phase 2)	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (Phase 2)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (Phase 2)	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Grading (Phase 2)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction (Phase 2)	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction (Phase 2)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 2)	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction (Phase 2)	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving (Phase 2)	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving (Phase 2)	Paving Equipment	Diesel	Average	2.00	6.00	89.0	0.36
Paving (Phase 2)	Rollers	Diesel	Average	2.00	6.00	36.0	0.38

Paving (Phase 2)	Tractors/Loaders/Backh	Diesel	Average	1.00	8.00	84.0	0.37
Paving (Phase 2)	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Architectural Coating (Phase 2)	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Site Preparation (Phase 2)	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (Phase 2)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading (Phase 2)	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Grading (Phase 2)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction (Phase 2)	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction (Phase 2)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 2)	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction (Phase 2)	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37

Paving (Phase 2)	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving (Phase 2)	Paving Equipment	Diesel	Tier 4 Final	2.00	6.00	89.0	0.36
Paving (Phase 2)	Rollers	Diesel	Tier 4 Final	2.00	6.00	36.0	0.38
Paving (Phase 2)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving (Phase 2)	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Architectural Coating (Phase 2)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 2)	—	—	—	—
Site Preparation (Phase 2)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 2)	Hauling	151	20.0	HHDT
Site Preparation (Phase 2)	Onsite truck	—	—	HHDT
Grading (Phase 2)	—	—	—	—
Grading (Phase 2)	Worker	15.0	11.7	LDA,LDT1,LDT2
Grading (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 2)	Hauling	370	20.0	HHDT
Grading (Phase 2)	Onsite truck	—	—	HHDT
Building Construction (Phase 2)	—	—	—	—
Building Construction (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Building Construction (Phase 2)	Vendor	0.00	8.40	HHDT,MHDT
Building Construction (Phase 2)	Hauling	0.00	20.0	HHDT

Building Construction (Phase 2)	Onsite truck	—	—	HHDT
Paving (Phase 2)	—	—	—	—
Paving (Phase 2)	Worker	20.0	11.7	LDA,LDT1,LDT2
Paving (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 2)	Hauling	0.00	20.0	HHDT
Paving (Phase 2)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 2)	—	—	—	—
Architectural Coating (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 2)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 2)	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	9.41	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 2)	—	—	—	—
Site Preparation (Phase 2)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 2)	Hauling	151	20.0	HHDT
Site Preparation (Phase 2)	Onsite truck	—	—	HHDT
Grading (Phase 2)	—	—	—	—
Grading (Phase 2)	Worker	15.0	11.7	LDA,LDT1,LDT2
Grading (Phase 2)	Vendor	—	8.40	HHDT,MHDT

Grading (Phase 2)	Hauling	370	20.0	HHDT
Grading (Phase 2)	Onsite truck	—	—	HHDT
Building Construction (Phase 2)	—	—	—	—
Building Construction (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Building Construction (Phase 2)	Vendor	0.00	8.40	HHDT,MHDT
Building Construction (Phase 2)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 2)	Onsite truck	—	—	HHDT
Paving (Phase 2)	—	—	—	—
Paving (Phase 2)	Worker	20.0	11.7	LDA,LDT1,LDT2
Paving (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 2)	Hauling	0.00	20.0	HHDT
Paving (Phase 2)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 2)	—	—	—	—
Architectural Coating (Phase 2)	Worker	0.00	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 2)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 2)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 2)	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	9.41	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating (Phase 2)	0.00	0.00	0.00	0.00	9,903

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	353,600	—
Site Preparation (Phase 2)	—	—	36.0	14,500	—
Grading (Phase 2)	70,000	1,000	360	0.00	—
Paving (Phase 2)	0.00	0.00	0.00	0.00	3.79

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Parking Lot	3.79	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	204	0.03	< 0.005
2030	0.00	204	0.03	< 0.005

2031	0.00	204	0.03	< 0.005
2032	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A

Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2
AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158

Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—
Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—

Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0
Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Have excel spreadsheet with specific land use data for project. This reflects information provided within spreadsheet.
Construction: Construction Phases	Reflects construction schedule given in excel spreadsheet.
Construction: Dust From Material Movement	Based on provided grading material movement
Construction: Demolition	Site preparation is based on provided pavement material demolition.

Good Sam Phase 3 Construction Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Good Sam Phase 3 Construction
Construction Start Date	1/21/2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	12.8
Location	2425 Samaritan Dr, San Jose, CA 95124, USA
County	Santa Clara
City	San Jose
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1917
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hospital	202	1000sqft	4.64	201,936	51,200	—	—	Building D

Medical Office Building	200	1000sqft	4.59	200,000	0.00	—	—	Building E
Enclosed Parking with Elevator	1,154	Space	10.4	425,208	0.00	—	—	Garage West
Other Asphalt Surfaces	4.56	1000sqft	0.10	0.00	0.00	—	—	Offsite Improvements

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.81	32.6	29.0	33.1	0.12	0.91	12.0	12.9	0.85	4.39	5.24	—	14,796	14,796	0.77	1.34	11.2	15,226
Mit.	1.51	32.0	14.0	40.6	0.12	0.24	6.29	6.54	0.24	2.16	2.40	—	14,796	14,796	0.77	1.34	11.2	15,226
% Reduced	60%	2%	52%	-23%	—	73%	47%	49%	71%	51%	54%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	3.94	32.5	32.1	31.9	0.11	1.04	33.8	34.8	0.97	12.6	13.5	—	13,250	13,250	0.70	1.30	0.28	13,655
Mit.	1.48	31.9	12.4	34.6	0.11	0.22	21.8	22.0	0.22	6.39	6.61	—	13,250	13,250	0.70	1.30	0.28	13,655
% Reduced	62%	2%	61%	-9%	—	79%	35%	37%	78%	49%	51%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.23	13.4	15.3	21.9	0.05	0.45	4.76	5.21	0.42	1.54	1.96	—	6,860	6,860	0.29	0.42	2.75	6,995
Mit.	1.05	13.0	6.68	24.2	0.05	0.10	3.60	3.70	0.10	0.99	1.09	—	6,860	6,860	0.29	0.42	2.75	6,995
% Reduced	53%	3%	56%	-11%	—	77%	24%	29%	76%	36%	44%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.41	2.45	2.80	4.00	0.01	0.08	0.87	0.95	0.08	0.28	0.36	—	1,136	1,136	0.05	0.07	0.46	1,158
Mit.	0.19	2.37	1.22	4.42	0.01	0.02	0.66	0.67	0.02	0.18	0.20	—	1,136	1,136	0.05	0.07	0.46	1,158
% Reduced	53%	3%	56%	-11%	—	77%	24%	29%	76%	36%	44%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	3.81	2.75	29.0	33.1	0.12	0.91	12.0	12.9	0.85	4.39	5.24	—	14,796	14,796	0.77	1.34	11.2	15,226
2033	1.95	1.62	11.3	22.5	0.05	0.23	3.49	3.72	0.21	0.86	1.07	—	7,621	7,621	0.27	0.46	7.45	7,773
2034	2.15	32.6	11.8	24.6	0.05	0.22	4.00	4.23	0.21	0.98	1.19	—	8,085	8,085	0.28	0.47	7.09	8,238
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	3.94	2.87	32.1	31.9	0.11	1.04	33.8	34.8	0.97	12.6	13.5	—	13,250	13,250	0.70	1.30	0.28	13,655

2033	1.93	1.60	11.6	21.3	0.05	0.23	3.49	3.72	0.21	0.86	1.07	—	7,455	7,455	0.28	0.46	0.19	7,600
2034	2.13	32.5	12.2	23.3	0.05	0.22	4.00	4.23	0.21	0.98	1.19	—	7,886	7,886	0.29	0.47	0.18	8,033
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	2.23	1.88	15.3	21.9	0.05	0.45	4.76	5.21	0.42	1.54	1.96	—	6,860	6,860	0.29	0.42	2.49	6,995
2033	1.65	1.36	9.84	18.1	0.04	0.20	2.97	3.17	0.18	0.73	0.91	—	6,408	6,408	0.23	0.40	2.75	6,535
2034	1.53	13.4	8.83	16.9	0.04	0.17	2.84	3.01	0.16	0.70	0.85	—	5,832	5,832	0.21	0.35	2.22	5,945
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	0.41	0.34	2.80	4.00	0.01	0.08	0.87	0.95	0.08	0.28	0.36	—	1,136	1,136	0.05	0.07	0.41	1,158
2033	0.30	0.25	1.80	3.31	0.01	0.04	0.54	0.58	0.03	0.13	0.17	—	1,061	1,061	0.04	0.07	0.46	1,082
2034	0.28	2.45	1.61	3.08	0.01	0.03	0.52	0.55	0.03	0.13	0.16	—	965	965	0.04	0.06	0.37	984

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	1.51	1.49	14.0	40.6	0.12	0.24	6.29	6.54	0.24	2.16	2.40	—	14,796	14,796	0.77	1.34	11.2	15,226
2033	1.25	1.07	6.42	24.5	0.05	0.10	3.49	3.59	0.10	0.86	0.95	—	7,621	7,621	0.27	0.46	7.45	7,773
2034	1.38	32.0	7.02	26.6	0.05	0.10	4.00	4.10	0.10	0.98	1.08	—	8,085	8,085	0.28	0.47	7.09	8,238
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	1.48	1.46	12.4	34.6	0.11	0.22	21.8	22.0	0.22	6.39	6.61	—	13,250	13,250	0.70	1.30	0.28	13,655
2033	1.23	1.05	6.72	23.4	0.05	0.10	3.49	3.59	0.10	0.86	0.95	—	7,455	7,455	0.28	0.46	0.19	7,600
2034	1.36	31.9	7.34	25.2	0.05	0.10	4.00	4.10	0.10	0.98	1.08	—	7,886	7,886	0.29	0.47	0.18	8,033
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2032	0.94	0.85	6.68	24.2	0.05	0.10	3.60	3.70	0.10	0.99	1.09	—	6,860	6,860	0.29	0.42	2.49	6,995
2033	1.05	0.89	5.68	19.9	0.04	0.08	2.97	3.06	0.08	0.73	0.81	—	6,408	6,408	0.23	0.40	2.75	6,535
2034	0.97	13.0	5.19	18.4	0.04	0.08	2.84	2.92	0.07	0.70	0.77	—	5,832	5,832	0.21	0.35	2.22	5,945
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2032	0.17	0.15	1.22	4.42	0.01	0.02	0.66	0.67	0.02	0.18	0.20	—	1,136	1,136	0.05	0.07	0.41	1,158
2033	0.19	0.16	1.04	3.63	0.01	0.02	0.54	0.56	0.01	0.13	0.15	—	1,061	1,061	0.04	0.07	0.46	1,082
2034	0.18	2.37	0.95	3.35	0.01	0.01	0.52	0.53	0.01	0.13	0.14	—	965	965	0.04	0.06	0.37	984

3. Construction Emissions Details

3.1. Demolition (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	1.92	16.2	16.9	0.03	0.62	—	0.62	0.57	—	0.57	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	1.92	16.2	16.9	0.03	0.62	—	0.62	0.57	—	0.57	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.45	0.38	3.20	3.32	0.01	0.12	—	0.12	0.11	—	0.11	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.58	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	112	112	< 0.005	< 0.005	—	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.2	21.2	< 0.005	< 0.005	0.02	21.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,426	3,426	0.14	0.03	—	3,438
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.89	3.58	0.01	0.01	—	0.01	0.01	—	0.01	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	112	112	< 0.005	< 0.005	—	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.2	21.2	< 0.005	< 0.005	0.02	21.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Site Preparation (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.22	2.70	22.3	25.7	0.05	0.93	—	0.93	0.85	—	0.85	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	11.6	11.6	—	1.75	1.75	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.18	1.47	1.69	< 0.005	0.06	—	0.06	0.06	—	0.06	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	1.29	1.29	—	0.66	0.66	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.76	0.76	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.27	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	57.7	57.7	< 0.005	< 0.005	—	57.9
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.12	0.12	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.40	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.01	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.68	0.13	9.77	4.67	0.06	0.12	2.44	2.56	0.12	0.67	0.78	—	7,831	7,831	0.48	1.25	0.27	8,217
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.23	8.23	< 0.005	< 0.005	0.01	8.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.63	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	515	515	0.03	0.08	0.30	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.36	1.36	< 0.005	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.2	85.2	0.01	0.01	0.05	89.5

3.4. Site Preparation (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	11.6	11.6	—	1.75	1.75	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	1.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.76	0.76	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	57.7	57.7	< 0.005	< 0.005	—	57.9
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.40	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	124	124	< 0.005	< 0.005	0.01	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.68	0.13	9.77	4.67	0.06	0.12	2.44	2.56	0.12	0.67	0.78	—	7,831	7,831	0.48	1.25	0.27	8,217
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.23	8.23	< 0.005	< 0.005	0.01	8.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.63	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	515	515	0.03	0.08	0.30	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.36	1.36	< 0.005	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.2	85.2	0.01	0.01	0.05	89.5

3.5. Grading (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.05	2.56	19.4	25.8	0.06	0.79	—	0.79	0.73	—	0.73	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	—	9.28	9.28	—	3.66	3.66	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.17	1.28	1.69	< 0.005	0.05	—	0.05	0.05	—	0.05	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.61	0.61	—	0.24	0.24	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.23	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.02	0.54	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	153	153	< 0.005	< 0.005	0.30	153

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.71	0.15	9.52	4.76	0.06	0.12	2.51	2.63	0.12	0.69	0.81	—	8,047	8,047	0.50	1.29	10.9	8,454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.41	9.41	< 0.005	< 0.005	0.01	9.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.65	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	529	529	0.03	0.08	0.31	556
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	87.6	87.6	0.01	0.01	0.05	92.0

3.6. Grading (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	—	3.62	3.62	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	434	434	0.02	< 0.005	—	435
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.8	71.8	< 0.005	< 0.005	—	72.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.02	0.54	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	153	153	< 0.005	< 0.005	0.30	153
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.71	0.15	9.52	4.76	0.06	0.12	2.51	2.63	0.12	0.69	0.81	—	8,047	8,047	0.50	1.29	10.9	8,454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.41	9.41	< 0.005	< 0.005	0.01	9.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.65	0.31	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	529	529	0.03	0.08	0.31	556
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	87.6	87.6	0.01	0.01	0.05	92.0

3.7. Building Construction (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.43	3.81	6.19	0.01	0.11	—	0.11	0.10	—	0.10	—	1,159	1,159	0.05	0.01	—	1,163

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.69	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	192	192	0.01	< 0.005	—	193
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71	0.70	0.37	8.28	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,346	2,346	0.03	0.02	4.68	2,357
Vendor	0.26	0.08	3.37	1.78	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,014	3,014	0.15	0.45	3.95	3,155
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.69	0.67	0.48	7.06	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,174	2,174	0.04	0.02	0.12	2,181
Vendor	0.25	0.08	3.56	1.80	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,017	3,017	0.15	0.45	0.10	3,154
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.32	0.23	3.38	0.00	0.00	1.22	1.22	0.00	0.29	0.29	—	1,063	1,063	0.02	0.01	0.98	1,067
Vendor	0.12	0.04	1.69	0.86	0.01	0.01	0.46	0.47	0.01	0.13	0.14	—	1,459	1,459	0.07	0.22	0.82	1,526
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	176	176	< 0.005	< 0.005	0.16	177
Vendor	0.02	0.01	0.31	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	242	242	0.01	0.04	0.14	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.16	1.36	7.17	0.01	0.04	—	0.04	0.03	—	0.03	—	1,159	1,159	0.05	0.01	—	1,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.25	1.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	192	192	0.01	< 0.005	—	193
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71	0.70	0.37	8.28	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,346	2,346	0.03	0.02	4.68	2,357
Vendor	0.26	0.08	3.37	1.78	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,014	3,014	0.15	0.45	3.95	3,155
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.69	0.67	0.48	7.06	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,174	2,174	0.04	0.02	0.12	2,181
Vendor	0.25	0.08	3.56	1.80	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	3,017	3,017	0.15	0.45	0.10	3,154
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.32	0.23	3.38	0.00	0.00	1.22	1.22	0.00	0.29	0.29	—	1,063	1,063	0.02	0.01	0.98	1,067
Vendor	0.12	0.04	1.69	0.86	0.01	0.01	0.46	0.47	0.01	0.13	0.14	—	1,459	1,459	0.07	0.22	0.82	1,526
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	176	176	< 0.005	< 0.005	0.16	177
Vendor	0.02	0.01	0.31	0.16	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	242	242	0.01	0.04	0.14	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (Phase 3) (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.05	0.88	7.67	12.8	0.02	0.20	—	0.20	0.19	—	0.19	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.05	0.88	7.67	12.8	0.02	0.20	—	0.20	0.19	—	0.19	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	0.75	6.57	11.0	0.02	0.17	—	0.17	0.16	—	0.16	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.14	1.20	2.00	< 0.005	0.03	—	0.03	0.03	—	0.03	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.66	0.37	7.98	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,316	2,316	0.03	0.02	4.08	2,327
Vendor	0.23	0.08	3.25	1.70	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,909	2,909	0.14	0.42	3.37	3,042
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.66	0.64	0.47	6.80	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,146	2,146	0.04	0.02	0.11	2,153

Vendor	0.22	0.08	3.44	1.75	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,912	2,912	0.14	0.42	0.09	3,041
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.54	0.40	5.72	0.00	0.00	2.16	2.16	0.00	0.51	0.51	—	1,860	1,860	0.03	0.02	1.51	1,867
Vendor	0.19	0.07	2.87	1.48	0.02	0.02	0.81	0.83	0.02	0.22	0.25	—	2,494	2,494	0.12	0.36	1.25	2,607
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.07	1.04	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	308	308	< 0.005	< 0.005	0.25	309
Vendor	0.04	0.01	0.52	0.27	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	413	413	0.02	0.06	0.21	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (Phase 3) (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.28	2.41	12.7	0.02	0.06	—	0.06	0.06	—	0.06	—	2,054	2,054	0.08	0.02	—	2,061
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.44	2.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.66	0.37	7.98	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,316	2,316	0.03	0.02	4.08	2,327
Vendor	0.23	0.08	3.25	1.70	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,909	2,909	0.14	0.42	3.37	3,042
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.66	0.64	0.47	6.80	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,146	2,146	0.04	0.02	0.11	2,153
Vendor	0.22	0.08	3.44	1.75	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,912	2,912	0.14	0.42	0.09	3,041
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.54	0.40	5.72	0.00	0.00	2.16	2.16	0.00	0.51	0.51	—	1,860	1,860	0.03	0.02	1.51	1,867
Vendor	0.19	0.07	2.87	1.48	0.02	0.02	0.81	0.83	0.02	0.22	0.25	—	2,494	2,494	0.12	0.36	1.25	2,607
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.07	1.04	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	308	308	< 0.005	< 0.005	0.25	309

Vendor	0.04	0.01	0.52	0.27	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	413	413	0.02	0.06	0.21	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (Phase 3) (2034) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.52	12.8	0.02	0.19	—	0.19	0.18	—	0.18	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.52	12.8	0.02	0.19	—	0.19	0.18	—	0.18	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	0.66	5.74	9.74	0.02	0.15	—	0.15	0.14	—	0.14	—	1,829	1,829	0.07	0.01	—	1,836
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.05	1.78	< 0.005	0.03	—	0.03	0.02	—	0.02	—	303	303	0.01	< 0.005	—	304
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65	0.64	0.37	7.60	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,289	2,289	0.03	0.02	3.52	2,299
Vendor	0.23	0.08	3.13	1.65	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,808	2,808	0.14	0.42	2.86	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.64	0.63	0.47	6.47	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,121	2,121	0.04	0.02	0.09	2,128
Vendor	0.22	0.08	3.32	1.69	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,811	2,811	0.14	0.42	0.07	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.29	4.90	0.00	0.00	1.92	1.92	0.00	0.45	0.45	—	1,637	1,637	0.03	0.02	1.16	1,643
Vendor	0.17	0.06	2.47	1.28	0.02	0.02	0.72	0.74	0.02	0.20	0.22	—	2,144	2,144	0.11	0.32	0.94	2,244
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	0.89	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	271	271	< 0.005	< 0.005	0.19	272
Vendor	0.03	0.01	0.45	0.23	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	355	355	0.02	0.05	0.16	371
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (Phase 3) (2034) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.14	11.3	0.02	0.06	—	0.06	0.05	—	0.05	—	1,829	1,829	0.07	0.01	—	1,836
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.39	2.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	303	303	0.01	< 0.005	—	304
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65	0.64	0.37	7.60	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,289	2,289	0.03	0.02	3.52	2,299
Vendor	0.23	0.08	3.13	1.65	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,808	2,808	0.14	0.42	2.86	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.64	0.63	0.47	6.47	0.00	0.00	2.54	2.54	0.00	0.60	0.60	—	2,121	2,121	0.04	0.02	0.09	2,128

Vendor	0.22	0.08	3.32	1.69	0.03	0.03	0.96	0.98	0.03	0.26	0.29	—	2,811	2,811	0.14	0.42	0.07	2,940
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.29	4.90	0.00	0.00	1.92	1.92	0.00	0.45	0.45	—	1,637	1,637	0.03	0.02	1.16	1,643
Vendor	0.17	0.06	2.47	1.28	0.02	0.02	0.72	0.74	0.02	0.20	0.22	—	2,144	2,144	0.11	0.32	0.94	2,244
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	0.89	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	271	271	< 0.005	< 0.005	0.19	272
Vendor	0.03	0.01	0.45	0.23	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	355	355	0.02	0.05	0.16	371
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (Phase 3) (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.61	6.00	9.86	0.01	0.20	—	0.20	0.18	—	0.18	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.61	6.00	9.86	0.01	0.20	—	0.20	0.18	—	0.18	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.37	3.89	0.01	0.08	—	0.08	0.07	—	0.07	—	596	596	0.02	< 0.005	—	598
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.43	0.71	< 0.005	0.01	—	0.01	0.01	—	0.01	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	42.3	42.3	< 0.005	< 0.005	0.04	42.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (Phase 3) (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.76	4.18	0.01	0.01	—	0.01	0.01	—	0.01	—	596	596	0.02	< 0.005	—	598
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.14	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.23	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.34	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.01	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	42.3	42.3	< 0.005	< 0.005	0.04	42.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (Phase 3) (2034) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.76	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.76	1.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.30	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.7	52.7	< 0.005	< 0.005	—	52.9
Architectural Coatings	—	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.72	8.72	< 0.005	< 0.005	—	8.75
Architectural Coatings	—	2.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.07	1.52	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	458	458	0.01	< 0.005	0.70	460
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.09	1.29	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	424	424	0.01	< 0.005	0.02	426
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	169	169	< 0.005	< 0.005	0.12	170
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	28.0	28.0	< 0.005	< 0.005	0.02	28.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (Phase 3) (2034) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	30.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.38	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.7	52.7	< 0.005	< 0.005	—	52.9
Architectural Coatings	—	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.72	8.72	< 0.005	< 0.005	—	8.75
Architectural Coatings	—	2.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.07	1.52	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	458	458	0.01	< 0.005	0.70	460
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.09	1.29	0.00	0.00	0.51	0.51	0.00	0.12	0.12	—	424	424	0.01	< 0.005	0.02	426
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	169	169	< 0.005	< 0.005	0.12	170
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	28.0	28.0	< 0.005	< 0.005	0.02	28.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition (Phase 3)	Demolition	2/18/2032	5/11/2032	6.00	72.0	—
Site Preparation (Phase 3)	Site Preparation	1/21/2032	2/17/2032	6.00	24.0	—
Grading (Phase 3)	Grading	5/12/2032	6/8/2032	6.00	24.0	—
Building Construction (Phase 3)	Building Construction	6/09/2032	11/21/2034	6.00	768	—
Paving (Phase 3)	Paving	7/06/2032	12/20/2032	6.00	144	—
Architectural Coating (Phase 3)	Architectural Coating	1/18/2034	7/4/2034	6.00	144	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 3)	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition (Phase 3)	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition (Phase 3)	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation (Phase 3)	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (Phase 3)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (Phase 3)	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading (Phase 3)	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading (Phase 3)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction (Phase 3)	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction (Phase 3)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 3)	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction (Phase 3)	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving (Phase 3)	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving (Phase 3)	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36

Paving (Phase 3)	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating (Phase 3)	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition (Phase 3)	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition (Phase 3)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition (Phase 3)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation (Phase 3)	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (Phase 3)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading (Phase 3)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading (Phase 3)	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading (Phase 3)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction (Phase 3)	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction (Phase 3)	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction (Phase 3)	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction (Phase 3)	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction (Phase 3)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving (Phase 3)	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42

Paving (Phase 3)	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving (Phase 3)	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating (Phase 3)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 3)	—	—	—	—
Site Preparation (Phase 3)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 3)	Hauling	132	20.0	HHDT
Site Preparation (Phase 3)	Onsite truck	—	—	HHDT
Grading (Phase 3)	—	—	—	—
Grading (Phase 3)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 3)	Hauling	135	20.0	HHDT
Grading (Phase 3)	Onsite truck	—	—	HHDT
Building Construction (Phase 3)	—	—	—	—
Building Construction (Phase 3)	Worker	307	11.7	LDA,LDT1,LDT2
Building Construction (Phase 3)	Vendor	136	8.40	HHDT,MHDT
Building Construction (Phase 3)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 3)	Onsite truck	—	—	HHDT
Paving (Phase 3)	—	—	—	—
Paving (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 3)	Hauling	0.00	20.0	HHDT

Paving (Phase 3)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 3)	—	—	—	—
Architectural Coating (Phase 3)	Worker	61.4	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 3)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 3)	Onsite truck	—	—	HHDT
Demolition (Phase 3)	—	—	—	—
Demolition (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Demolition (Phase 3)	Hauling	0.00	20.0	HHDT
Demolition (Phase 3)	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation (Phase 3)	—	—	—	—
Site Preparation (Phase 3)	Worker	17.5	11.7	LDA,LDT1,LDT2
Site Preparation (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Site Preparation (Phase 3)	Hauling	132	20.0	HHDT
Site Preparation (Phase 3)	Onsite truck	—	—	HHDT
Grading (Phase 3)	—	—	—	—
Grading (Phase 3)	Worker	20.0	11.7	LDA,LDT1,LDT2
Grading (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Grading (Phase 3)	Hauling	135	20.0	HHDT
Grading (Phase 3)	Onsite truck	—	—	HHDT
Building Construction (Phase 3)	—	—	—	—
Building Construction (Phase 3)	Worker	307	11.7	LDA,LDT1,LDT2
Building Construction (Phase 3)	Vendor	136	8.40	HHDT,MHDT

Building Construction (Phase 3)	Hauling	0.00	20.0	HHDT
Building Construction (Phase 3)	Onsite truck	—	—	HHDT
Paving (Phase 3)	—	—	—	—
Paving (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Paving (Phase 3)	Hauling	0.00	20.0	HHDT
Paving (Phase 3)	Onsite truck	—	—	HHDT
Architectural Coating (Phase 3)	—	—	—	—
Architectural Coating (Phase 3)	Worker	61.4	11.7	LDA,LDT1,LDT2
Architectural Coating (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Architectural Coating (Phase 3)	Hauling	0.00	20.0	HHDT
Architectural Coating (Phase 3)	Onsite truck	—	—	HHDT
Demolition (Phase 3)	—	—	—	—
Demolition (Phase 3)	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition (Phase 3)	Vendor	—	8.40	HHDT,MHDT
Demolition (Phase 3)	Hauling	0.00	20.0	HHDT
Demolition (Phase 3)	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating (Phase 3)	0.00	0.00	623,263	203,230	27,418

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Site Preparation (Phase 3)	—	—	36.0	12,644	—
Grading (Phase 3)	5,000	21,000	360	0.00	—
Paving (Phase 3)	0.00	0.00	0.00	0.00	10.5

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Hospital	0.00	0%
Medical Office Building	0.00	0%
Enclosed Parking with Elevator	10.4	100%
Other Asphalt Surfaces	0.10	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2032	0.00	204	0.03	< 0.005
2033	0.00	204	0.03	< 0.005
2034	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.6	annual days of extreme heat
Extreme Precipitation	5.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	22.2

AQ-PM	14.8
AQ-DPM	62.5
Drinking Water	22.7
Lead Risk Housing	21.0
Pesticides	0.00
Toxic Releases	29.7
Traffic	75.0
Effect Indicators	—
CleanUp Sites	38.5
Groundwater	92.3
Haz Waste Facilities/Generators	91.1
Impaired Water Bodies	23.9
Solid Waste	0.00
Sensitive Population	—
Asthma	10.0
Cardio-vascular	5.75
Low Birth Weights	26.6
Socioeconomic Factor Indicators	—
Education	12.0
Housing	20.6
Linguistic	49.6
Poverty	7.24
Unemployment	14.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract

Economic	—
Above Poverty	79.16078532
Employed	64.53227255
Median HI	79.73822661
Education	—
Bachelor's or higher	80.25150776
High school enrollment	100
Preschool enrollment	64.96856153
Transportation	—
Auto Access	46.0284871
Active commuting	48.69754908
Social	—
2-parent households	79.75105864
Voting	87.07814706
Neighborhood	—
Alcohol availability	33.76106762
Park access	81.35506224
Retail density	67.23983062
Supermarket access	40.4465546
Tree canopy	74.84922366
Housing	—
Homeownership	65.75131528
Housing habitability	59.01450019
Low-inc homeowner severe housing cost burden	47.13204158
Low-inc renter severe housing cost burden	52.66264596
Uncrowded housing	59.34813294
Health Outcomes	—

Insured adults	73.50186064
Arthritis	36.9
Asthma ER Admissions	91.8
High Blood Pressure	39.5
Cancer (excluding skin)	21.2
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	59.8
Diagnosed Diabetes	70.5
Life Expectancy at Birth	70.0
Cognitively Disabled	60.3
Physically Disabled	83.0
Heart Attack ER Admissions	91.0
Mental Health Not Good	77.2
Chronic Kidney Disease	64.9
Obesity	76.5
Pedestrian Injuries	19.6
Physical Health Not Good	71.4
Stroke	58.2
Health Risk Behaviors	—
Binge Drinking	73.8
Current Smoker	79.5
No Leisure Time for Physical Activity	71.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	75.0

Elderly	34.5
English Speaking	69.4
Foreign-born	51.0
Outdoor Workers	56.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.2
Traffic Density	82.8
Traffic Access	65.9
Other Indices	—
Hardship	21.2
Other Decision Support	—
2016 Voting	84.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	9.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on specific land use data for project. This reflects information provided within spreadsheet. Offsite improvements were estimated at 4.558 ksf from aerial imagery of the overlaid site plan.
Construction: Construction Phases	Reflects construction schedule give by Client
Construction: Dust From Material Movement	Based on provided soil movement
Construction: Demolition	Based on estimated pavement material movement.

Appendix B

2030 Greenhouse Gas Reduction Strategy Checklist

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PLANNING, BUILDING AND CODE ENFORCEMENT

Purpose of the Compliance Checklist

In 2020, the City adopted a Greenhouse Gas Reduction Strategy (GHGRS) that outlines the actions the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emission reductions for the interim target year 2030. The purpose of the Greenhouse Gas Reduction Strategy Compliance Checklist (Checklist) is to:

- Implement GHG reduction strategies from the 2030 GHGRS to new development projects.
- Provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

The 2030 GHGRS presents the City's comprehensive path to reduce GHG emissions to achieve the 2030 reduction target, based on SB 32, BAAQMD, and OPR. Additionally, the 2030 GHGRS leverages other important City plans and policies; including the General Plan, Climate Smart San José, and the City Municipal Code in identifying reductions strategies that achieve the City's target. CEQA Guidelines Section 15183.5 allows for public agencies to analyze and mitigate GHG emissions as part of a larger plan for the reduction of greenhouse gases. Accordingly, the City of San José's 2030 GHGRS represents San José's qualified climate action plan in compliance with CEQA.

As described in the 2030 GHGRS, these GHG reductions will occur through a combination of City initiatives in various plans and policies and will provide reductions from both existing and new developments. This Compliance Checklist specifically applies to proposed discretionary projects that require environmental review pursuant to CEQA. Therefore, the Checklist is a critical implementation tool in the City's overall strategy to reduce GHG emissions. Implementation of applicable reduction actions in new development projects will help the City achieve incremental reductions toward its target. Per the 2030 GHGRS, the City will monitor strategy implementation and make updates, as necessary, to maintain an appropriate trajectory to the 2030 GHG target.

Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the GHGRS.

Figure 0-1

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PLANNING, BUILDING AND CODE ENFORCEMENT

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Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the GHGRS.

Instructions for Compliance Checklist

Applicants shall complete the following sections to demonstrate conformance with the City of San José 2030 Greenhouse Gas Reduction Strategy for the proposed project. All projects must complete Section A. General Plan Policy Conformance and Section B. Greenhouse Gas Reduction Strategies. Projects that propose alternative GHG mitigation measures must also complete Section C. Alternative Project Measures and Additional GHG Reductions.

A. General Plan Policy Compliance

Projects need to demonstrate consistency with the Envision San José 2040 General Plan's relevant policies for Land Use & Design, Transportation, Green Building, and Water Conservation, enumerated in Table A. All applicants shall complete the following steps.

1. Complete Table A, Item #1 to demonstrate the project's consistency with the General Plan Land Use and Circulation Diagram.

2. Complete Table A, Items #2 through #4 to demonstrate the project's consistency with General Plan policies[1] related to green building; pedestrian, bicycle and transit site design; and water conservation and urban forestry, as applicable. For each policy listed, mark the relevant yes/no check boxes to indicate project consistency, and provide a qualitative description of how the policy is implemented in the proposed project or why the policy is not applicable to the proposed project. Qualitative descriptions can be included in Table A or provided as separate attachments. This explanation will provide the basis for analysis in the CEQA document.

B. Greenhouse Gas Reduction Strategies

Table B identifies the GHGRS strategies and recommended consistency options. Projects need to demonstrate consistency with the GHGRS reduction strategies listed in Table B or document why the strategies are not applicable or are infeasible. The corresponding GHGRS strategies are indicated in the table to provide additional context, with the full text of the strategies preceding Table B.

Residential projects must complete Table B, Part 1 and 2; Non-residential projects must complete Table B, Part 2 only. All applicants shall complete the following steps for Table B.

1. Review the project consistency options described in the column titled 'GHGRS Strategy and Consistency Options'.
2. Use the check boxes in the column titled "Project Conformance" to indicate if the strategy is 'Proposed', 'Not Applicable', 'Not Feasible', or if there is an 'Alternative Measure Proposed'.

[1]The lists in items # 2-4 do not represent all General Plan policies but allow projects to demonstrate consistency and achievement of policies that are related to quantified reduction estimates in the 2030 GHGRS.

3. Provide a qualitative analysis of the proposed project's compliance with the GHGRS strategies in the column titled "Description of Project Measure". This will be the basis for CEQA analysis to demonstrate compliance with the 2030 GHGRS and by extension, with SB 32. The qualitative analysis should provide:

    a. A description of which consistency options are included as part of the proposed project, or

    b. A description of why the strategy is not applicable to the proposed project, or

    c. A description of why the consistency options are infeasible. If applicants select 'Not Feasible' or 'Alternative Measure Proposed', they must complete Table C to document what alternative project measures will be implemented to achieve a similar level of greenhouse gas reduction and how those reduction estimates were calculated.

C. Alternative Project Measures and Additional GHG Reductions

Projects that propose alternative GHG mitigation measures to those identified in Table B or propose to include additional GHG mitigation measures beyond those described in Tables A and B, shall provide a summary explanation of the proposed measures and demonstrate efficiency or greenhouse gas reductions achievable though the proposed measures. Documentation for these alternative or additional project measures shall be documented in Table C. Any applicants who select 'Not Feasible' or 'Alternative Measure Proposed' in Table B must complete the following steps for Table C.

1. In the column titled "Description of Proposed Measure" provide a qualitative description of what measure will be implemented, why it is proposed, and how it will reduce GHG emissions.

2. In the column titled "Description of GHG Reduction Estimate" demonstrate how the alternative project measure would achieve the same or greater level of greenhouse gas reductions as the GHGRS strategy it replaces. Documentation or calculation files can be attached separately.

3. In the column titled "Proposed Measure Implementation" identify how the measure will be implemented: incorporated as part of the project design or as an additional measure that is not part of the project (e.g., purchase of carbon offsets).

Compliance Checklist

Evaluation of Project Conformance with the 2030 Greenhouse Gas Reduction Strategy

Table A: General Plan Consistency

Development Type: ☐ Commercial ☐ Residential ☐ Office ☒ Other: [*Hospital*]

1) Consistency with the Land Use/Transportation Diagram (Land Use and Density)	Yes	No
Is the proposed Project consistent with the Land Use/Transportation Diagram?	☒	☐
If not, and the proposed project includes a General Plan Amendment, does the proposed amendment decrease GHG emissions (in absolute terms or per capita, per employee, per service population) below the level assumed in the GHGRS based on the existing planned land use? (The project could have a higher density, mix of uses, or other features that would reduce GHG emissions compared to the planned land use).[2]	☐	☐
If not, would the proposed project and the General Plan Amendment increase GHG emissions (in absolute terms or per capita, per employee, per service population)? Project is not consistent with GHGRS and further modeling will be required to determine if additional mitigation measures are necessary.	☐	☐

Response documentation:

The Project site has a General Plan land use designation of Neighborhood Community Commercial (NCC). The NCC designation allows for commercial uses serving communities in neighboring areas, including general office and hospitals. The Project would maintain the hospital use and introduce a medical office use and is therefore consistent with the General Plan land use designation. Therefore, the proposed project is consistent with the Land Use/Transportation Diagram.

[2] For example, a General Plan Amendment to change use from single-family residential to multi-family residential or a General Plan Amendment to change the use from regional-serving commercial to mixed-use urban in a transit-served area might reduce travel demand, and therefore GHG emissions from mobile sources.

2) Implementation of Green Building Measures	Yes	No
***MS-2.2**: Encourage maximized use of on-site generation of renewable energy for all new and existing buildings.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would be solar-ready by including building roof space and conduit infrastructure for a "Future PV Array" per California Code. The proposed project would be enrolled in SJCE TotalGreen program (approx. 100 percent renewable energy).*		
***MS-2.3**: Encourage consideration of solar orientation, including building placement, landscaping, design and construction techniques for new construction to minimize energy consumption.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would comply with the latest energy efficiency standards. The State goal is to increase the use of green building practices to decrease energy consumption. The project would implement the green building strategies required by existing State and local regulations, including complying with all applicable CALGreen requirements. This includes installing water-efficient fixtures, recycled water irrigation systems, and landscaping that follows the CALGreen Code and minimizes on-site energy consumption.*		
***MS-2.7**: Encourage the installation of solar panels or other clean energy power generation sources over parking areas.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would comply with the latest energy efficiency standards. The State goal is to increase the use of green building practices. The project would implement required green building strategies through existing regulation that requires the project to comply with various CalGreen requirements. Additionally, the proposed project would be enrolled in SJCE TotalGreen program (approx. 100 percent renewable energy).*		
***MS-2.11**: Require new development to incorporate green building practices, including those required by the Green Building Ordinance. Specifically, target reduced energy use through construction techniques (e.g., design of building envelopes and systems to maximize energy performance), through architectural design (e.g., design to maximize cross ventilation and interior daylight) and through site design techniques (e.g., orienting buildings on sites to maximize the effectiveness of passive solar design).*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would implement green building strategies required by existing regulation, including CalGreen and the City's Green Building Ordinance. The project would also adhere to the 2022 Energy Code (or later, if applicable) requirements for healthcare facilities, which include standards related to decreasing the energy requirements of a building through building envelope assemblies, HVAC, water heating, indoor lighting, outdoor lighting, electrical power distribution, ventilation, and signs.*		
***MS-16.2**: Promote neighborhood-based distributed clean/renewable energy generation to improve local energy security and to reduce the amount of energy wasted in transmitting electricity over long distances.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would be solar-ready by ensuring roof space and conduit infrastructure for "Future PV Array" per the California Building Code (Title 24). Additionally, the project would be enrolled in SJCE TotalGreen program.*		

3) Pedestrian, Bicycle & Transit Site Design Measures	**Yes**	**No**
***CD-2.1**: Promote the Circulation Goals and Policies in the Envision San José 2040 General Plan. Create streets that promote pedestrian and bicycle transportation by following applicable goals and policies in the Circulation section of the Envision San José 2040 General Plan.*	☒	☐
a) Design the street network for its safe shared use by pedestrians, bicyclists, and vehicles. Include elements that increase driver awareness.	☒	☐
b) Create a comfortable and safe pedestrian environment by implementing wider sidewalks, shade structures, attractive street furniture, street trees, reduced traffic speeds, pedestrian-oriented lighting, mid-block pedestrian crossings, pedestrian-activated crossing lights, bulb-outs and curb extensions at intersections, and on-street parking that buffers pedestrians from vehicles.	☒	☐
c) Consider support for reduced parking requirements, alternative parking arrangements, and Transportation Demand Management strategies to reduce area dedicated to parking and increase area dedicated to employment, housing, parks, public art, or other amenities. Encourage de-coupled parking to ensure that the value and cost of parking are considered in real estate and business transactions.	☐	☒
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *There are existing Class II bike lanes on both sides of Samaritan Drive that will remain. The project would not alter existing street, pedestrian walkways, or bike lanes. In accordance with CALGreen Code, the Project will include the installation of bike parking. Improvements would include new curb cuts for the proposed driveway access points, as well as rehabilitation of the existing pedestrian sidewalks. The proposed project would include 67 bicycle parking spaces as well as bicycle and pedestrian access on the driveways. Additionally, the Project would include a number of travel demand measures (TDM) such as a road diet along Samaritan Drive and roundabout improvements at the Samaritan Drive and Samaritan Place intersection, bike parking facilities, right-size parking supply, and ride-share programs. These TDM Programs would help reduce vehicle miles traveled (VMT) and mobile greenhouse gas emissions.*		
***CD-2.5**: Integrate Green Building Goals and Policies of the Envision San José 2040 General Plan into site design to create healthful environments. Consider factors such as shaded parking areas, pedestrian connections, minimization of impervious surfaces, incorporation of stormwater treatment measures, appropriate building orientations, etc.*	☐	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The proposed project would include shaded parking areas, landscaping, and shading of the parking areas and walkways. A primary objective of the Project is to enhance landscaping to create natural environments for patients, visitors, and employees. On-site landscaping would meet State water-efficient landscape standards and stage 2 drought restrictions. Improvements would include rehabilitation of the existing pedestrian sidewalks. Additionally, approximately 25 percent of the site would be pervious. The Project would have a total of 10 different drainage management areas throughout the site, each containing bioretention unlined basins with underdrains for treatment. The Project would treat onsite flows prior to discharging them into the City's storm drain system and further comply with all applicable stormwater regulations.*		
***CD-2.11**: Within the Downtown and Urban Village Overlay areas, consistent with the minimum density requirements of the pertaining Land Use/Transportation Diagram designation, avoid the construction of surface parking lots except as an interim use, so that long-term development of the site will result in a cohesive urban form. In these areas, whenever possible, use structured parking, rather than surface parking, to fulfill parking requirements. Encourage the incorporation of alternative uses, such as parks, above parking structures.*	☐	☐
Not Applicable	☒	☐

Describe how the project is consistent or why the measure is not applicable. *The proposed project is not located within the Downtown or Urban Village Overlay areas.*		
***CD-3.2**: Prioritize pedestrian and bicycle connections to transit, community facilities (including schools), commercial areas, and other areas serving daily needs. Ensure that the design of new facilities can accommodate significant anticipated future increases in bicycle and pedestrian activity.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project includes installation of bike parking in accordance with CALGreen Code. According to San Jose Better Bike Plan 2025, there will be a class 3B bike boulevard along Samaritan Place, and a protected Class IV bike lane along Samaritan Drive. The proposed project would include 67 bicycle parking spaces as well as bicycle and pedestrian access on the driveways.*		
***CD-3.4**: Encourage pedestrian cross-access connections between adjacent properties and require pedestrian and bicycle connections to streets and other public spaces, with particular attention and priority given to providing convenient access to transit facilities. Provide pedestrian and vehicular connections with cross-access easements within and between new and existing developments to encourage walking and minimize interruptions by parking areas and curb cuts.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *As discussed above, the project includes installation of bike parking in accordance with CALGreen Code. The proposed project would include 67 bicycle parking spaces as well as access for bicyclists and pedestrian to access the site. This would promote safety and encourage employees to use alternative sources of transportation.*		
***LU-3.5**: Balance the need for parking to support a thriving Downtown with the need to minimize the impacts of parking upon a vibrant pedestrian and transit oriented urban environment. Provide for the needs of bicyclists and pedestrians, including adequate bicycle parking areas and design measures to promote bicyclist and pedestrian safety.*	☐	☐
Not applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. *The project is not located in the Downtown area. The project's bicycle facilities and pedestrian pathways are described above.*		
***TR-2.8:** Require new development to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/paths, or share in the cost of improvements.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project includes connections to existing bicycle lane facilities and bicycle parking.*		
***TR-7.1:** Require large employers to develop TDM programs to reduce the vehicle trips and vehicle miles generated by their employees through the use of shuttles, provision for car-sharing, bicycle sharing, carpool, parking strategies, transit incentives and other measures.*	☒	☐
Not applicable	☒	☐
The Project would include a number of travel demand measures (TDM) such as a road diet along Samaritan Drive and roundabout improvements at the Samaritan Drive and Samaritan Place intersection, bike parking facilities, right-size parking supply, and ride-share programs. These TDM Programs would help reduce vehicle miles traveled (VMT) and mobile greenhouse gas emissions.		
***TR-8.5:** Promote participation in car share programs to minimize the need for parking spaces in new and existing development.*	☐	☐

Not applicable	☒	☐

Describe how the project is consistent or why the measure is not applicable.

The project is a hospital and medical office use which has a unique employee and visitor situation. Car share programs for patients would not be possible for hospital patients or visitors since there is no regular schedule of patients visiting the office. There are two bus stops along the project site's frontage which would provide alternative transportation for those who can take advantage; however, it is not anticipated that all employees or visitors would be able to utilize this option.

4) Water Conservation and Urban Forestry Measures	**Yes**	**No**
***MS-3.1**: Require water-efficient landscaping, which conforms to the State's Model Water Efficient Landscape Ordinance, for all new commercial, institutional, industrial and developer-installed residential development unless for recreation needs or other area functions.*	☐	☐
Not applicable	☐	☐

Describe how the project is consistent or why the measure is not applicable.

The proposed Project would include water-efficient landscaping that conforms to the State's Model Water Efficient Landscape Ordinance and the City's Water-Efficient Landscape Ordinance (Chapter 15.11 of the San José Municipal Code). The Project would meet the City of San José's Water Efficient Landscape Requirements. Proposed features include a low-flow, point source irrigation system equipped with a weather-based smart controller. On-site landscaping would meet State water-efficient landscape standards and stage 2 drought restrictions.

***MS-3.2**: Promote the use of green building technology or techniques that can help reduce the depletion of the City's potable water supply, as building codes permit. For example, promote the use of captured rainwater, graywater, or recycled water as the preferred source for non-potable water needs such as irrigation and building cooling, consistent with Building Codes or other regulations.*	☒	☐
Not applicable	☐	☐

Describe how the project is consistent or why the measure is not applicable.

The project would include low-flow fixtures and appliances, which are required by City Code 15.11. The project would comply with measures to increase water efficiency and green building techniques per building codes. Sustainable features within the project includes installation of water-efficient fixtures and appliances, where possible. The installation of recycled water irrigation systems will also occur in the Project.

***MS-19.4**: Require the use of recycled water wherever feasible and cost-effective to serve existing and new development.*	☒	☐
Not applicable	☐	☐

Describe how the project is consistent or why the measure is not applicable.

Per the South Bay Water Recycling (SBWR) system map, the City does not provide recycled water in the vicinity of the project site. The project would utilize recycled water from the proposed recycled water irrigation systems for the outdoor landscaping based on availability.

***MS-21.3**: Ensure that San José's Community Forest is comprised of species that have low water requirements and are well adapted to its Mediterranean climate. Select and plant diverse species to prevent monocultures that are vulnerable to pest invasions. Furthermore, consider the appropriate placement of tree species and their lifespan to ensure the perpetuation of the Community Forest.*	☐	☐
Not applicable	☐	☐

Describe how the project is consistent or why the measure is not applicable.

Project implementation plant 530 24-inch box trees that will increase overall shading on the site compared to existing conditions. Additional landscaping is proposed throughout the Project site and would include a mix of grasses, shrubs, and ground cover.

***MS-26.1**: As a condition of new development, require the planting and maintenance of both street trees and trees on private property to achieve a level of tree coverage in compliance with and that implements City laws, policies or guidelines.*	☒	☐

Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would comply with City landscaping requirements and criteria to incorporate existing trees with new landscaping. The Project would enhance the existing landscaping and a majority of the existing perimeter and parking lot landscaping would be removed as part of Project implementation. There are 370 existing trees throughout the Project site, including 161 ordinance-size trees. The Project would be required to plant a total of 530 24-inch box trees or pay equivalent Tree Replacement Fees to the City. The Project proposes to plant 530 new 24-inch box trees on-site and along the Project site street frontages.*		
***ER-8.7**: Encourage stormwater reuse for beneficial uses in existing infrastructure and future development through the installation of rain barrels, cisterns, or other water storage and reuse facilities.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The Municipal Regional Permit (MRP) allows development projects to use infiltration, evapotranspiration, harvesting and use, or biotreatment to treat full water quality design flow or volume of stormwater runoff, as specified in MRP Provision C.3.d. The City of San José's Environmental Services Department is responsible for stormwater management within the City. The Project would have a total of 10 different drainage management areas throughout the site, each containing bioretention unlined basins with underdrains for treatment. Project applicants are no longer required to evaluate the feasibility of rainwater harvesting and use before proceeding to biotreatment. Appendix I from SCVURPPP provides guidance on how to estimate the required landscaping or toilet flushing demand to meet C.3.d requirements. The Project would treat onsite flows prior to discharging them into the City's storm drain system. There is an existing utility access (water and sewer, stormwater management, dry utilities, and solid waste management) to the Project site.*		

GHGRS Strategies

GHGRS #1: The City will implement the San José Clean Energy program to provide residents and businesses access to cleaner energy at competitive rates.

GHGRS #2: The City will implement its building reach code ordinance (adopted September 2019) and its prohibition of natural gas infrastructure ordinance (adopted October 2019) to guide the city's new construction toward zero net carbon (ZNC) buildings.

GHGRS #3: The City will expand development of rooftop solar energy through the provision of technical assistance and supportive financial incentives to make progress toward the Climate Smart San José goal of becoming a one-gigawatt solar city.

GHGRS #4: The City will support a transition to building decarbonization through increased efficiency improvements in the existing building stock and reduced use of natural gas appliances and equipment.

GHGRS #5: As an expansion to Climate Smart San José, the City will update its Zero Waste Strategic Plan and reassess zero waste strategies. Throughout the development of the update, the City will continue to divert 90 percent of waste away from landfills through source reduction, recycling, food recovery and composting, and other strategies.

GHGRS #6: The City will continue to be a partner in the Caltrain Modernization Project to enhance local transit opportunities while simultaneously improving the city's air quality.

GHGRS #7: The City will expand its water conservation efforts to achieve and sustain long-term per capita reductions that ensure a reliable water supply with a changing climate, through regional partnerships, sustainable landscape designs, green infrastructure, and water-efficient technology and systems.

Table B: 2030 Greenhouse Gas Reduction Strategy Compliance

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
PART 1: RESIDENTIAL PROJECTS ONLY – (Not applicable; Project is not residential)		
Zero Net Carbon Residential Construction 1. Achieve/exceed the City's Reach Code, and 2. Exclude natural gas infrastructure in new construction, or 3. Install on-site renewable energy systems or participate in a community solar program to offset 100% of the project's estimated energy demand, or 4. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project until which time SJCE achieves 100% carbon-free electricity for all accounts. **Supports Strategies:** GHGRS #1, GHGRS #2, GHGRS #3	**Not Applicable. The project would not include residential uses.**	☐Proposed ☒Not Applicable ☐Not Feasible* ☐Alternative Measure Proposed **The 2030 GHGRS assumed this strategy would be feasible for 50% of residential units constructed between 2020 and 2030.*
PART 2: RESIDENTIAL AND NON-RESIDENTIAL PROJECTS		
Renewable Energy Development 1. Install solar panels, solar hot water, or other clean energy power generation sources on development sites, or 2. Participate in community solar programs to support development of renewable energy in the community, or 3. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project. **Supports Strategies**: GHGRS #1, GHGRS #3	**Consistent.** The project would be enrolled in SJCE TotalGreen program (approx. 100 percent renewable energy).	☐See Part 1 (Residential projects only) ☒Proposed ☐Not Applicable ☐Not Feasible ☐Alternative Measure Proposed

Building Retrofits – Natural Gas[3] This strategy only applies to projects that include a retrofit of an existing building. If the proposed project does not include a retrofit, select "Not Applicable" in the Project Conformance column. 1. Replace an existing natural gas appliance with an electric alternative (e.g., space heater, water heater, clothes dryer), or 2. Replace an existing natural gas appliance with a high-efficiency model **Supports Strategies:** GHGRS #4	**Not Applicable.** The project does not include a retrofit. Therefore, this strategy is not applicable to the project.	☐Proposed ☒Not Applicable ☐Not Feasible ☐Alternative Measure Proposed
Zero Waste Goal 1. Provide space for organic waste (e.g., food scraps, yard waste) collection containers, and/or 2. Exceed the City's construction & demolition waste diversion requirement. **Supports Strategies:** GHGRS #5	**Consistent.** The proposed development includes an exterior trash enclosure with space for recycling and organic waste collection. Additionally, construction and demolition waste would be diverted to meet City requirements. Per Assembly Bill 341, provided recycling services would divert at least 50 percent of solid waste generation.	☒Proposed ☐Not Applicable ☐Not Feasible ☐Alternative Measure Proposed
Caltrain Modernization 1. For projects located within ½ mile of a Caltrain station, establish a program through which to provide project tenants and/or residents with free or reduced Caltrain passes or 2. Develop a program that provides project tenants and/or residents with options to reduce their vehicle miles traveled (e.g., a TDM program), which could include transit passes, bike lockers and showers, or other strategies to reduce project related VMT. **Supports Strategies:** GHGRS #6	**Not Applicable.** The proposed project is not located within ½ mile of a Caltrain station. Therefore, this strategy is not applicable to the project. The project would include a TDM program.	☐Proposed ☒Not Applicable ☐Not Feasible ☐Alterative Measure Proposed

[3] GHGRS Strategy #4 applies to existing building retrofits and not to new construction; Strategy #2 applies to new construction to reduce natural gas related GHG emissions.

Water Conservation 1. Install high-efficiency appliances/fixtures to reduce water use, and/or include water-sensitive landscape design, and/or 2. Provide access to reclaimed water for outdoor water use on the project site. **Supports Strategies:** GHGRS #7	**Proposed**. The proposed project would comply with water conservation per the California Green Building Standards Code, which requires a 20 percent reduction in indoor water use. The project would include low flow appliances and fixtures. The project would also comply with the City's Water-Efficient Landscape Ordinance (Chapter 15.11 of the San José Municipal Code). Proposed features include a low-flow, point source irrigation system equipped with a weather-based smart controller. On-site landscaping would meet State water-efficient landscape standards and stage 2 drought restrictions.	☒Proposed ☐Not Applicable ☐Not Feasible ☐Alternative Measure Proposed

APPENDIX I

GREENHOUSE GAS REDUCTION STRATEGY CHECKLIST

DEPARTMENT OF PLANNING, BUILDING AND CODE ENFORCEMENT

Purpose of the Compliance Checklist

In 2020, the City adopted a Greenhouse Gas Reduction Strategy (GHGRS) that outlines the actions the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emission reductions for the interim target year 2030. The purpose of the Greenhouse Gas Reduction Strategy Compliance Checklist (Checklist) is to:

- Implement GHG reduction strategies from the 2030 GHGRS to new development projects.
- Provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

The 2030 GHGRS presents the City's comprehensive path to reduce GHG emissions to achieve the 2030 reduction target, based on SB 32, BAAQMD, and OPR. Additionally, the 2030 GHGRS leverages other important City plans and policies; including the General Plan, Climate Smart San José, and the City Municipal Code in identifying reductions strategies that achieve the City's target. CEQA Guidelines Section 15183.5 allows for public agencies to analyze and mitigate GHG emissions as part of a larger plan for the reduction of greenhouse gases. Accordingly, the City of San José's 2030 GHGRS represents San José's qualified climate action plan in compliance with CEQA.

As described in the 2030 GHGRS, these GHG reductions will occur through a combination of City initiatives in various plans and policies and will provide reductions from both existing and new developments. This Compliance Checklist specifically applies to proposed discretionary projects that require environmental review pursuant to CEQA. Therefore, the Checklist is a critical implementation tool in the City's overall strategy to reduce GHG emissions. Implementation of applicable reduction actions in new development projects will help the City achieve incremental reductions toward its target. Per the 2030 GHGRS, the City will monitor strategy implementation and make updates, as necessary, to maintain an appropriate trajectory to the 2030 GHG target.

Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the GHGRS.

Figure 0-1

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PLANNING, BUILDING AND CODE ENFORCEMENT

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Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the GHGRS.

Instructions for Compliance Checklist

Applicants shall complete the following sections to demonstrate conformance with the City of San José 2030 Greenhouse Gas Reduction Strategy for the proposed project. All projects must complete Section A. General Plan Policy Conformance and Section B. Greenhouse Gas Reduction Strategies. Projects that propose alternative GHG mitigation measures must also complete Section C. Alternative Project Measures and Additional GHG Reductions.

A. General Plan Policy Compliance

Projects need to demonstrate consistency with the Envision San José 2040 General Plan's relevant policies for Land Use & Design, Transportation, Green Building, and Water Conservation, enumerated in Table A. All applicants shall complete the following steps.

1. Complete Table A, Item #1 to demonstrate the project's consistency with the General Plan Land Use and Circulation Diagram.

2. Complete Table A, Items #2 through #4 to demonstrate the project's consistency with General Plan policies[1] related to green building; pedestrian, bicycle and transit site design; and water conservation and urban forestry, as applicable. For each policy listed, mark the relevant yes/no check boxes to indicate project consistency, and provide a qualitative description of how the policy is implemented in the proposed project or why the policy is not applicable to the proposed project. Qualitative descriptions can be included in Table A or provided as separate attachments. This explanation will provide the basis for analysis in the CEQA document.

B. Greenhouse Gas Reduction Strategies

Table B identifies the GHGRS strategies and recommended consistency options. Projects need to demonstrate consistency with the GHGRS reduction strategies listed in Table B or document why the strategies are not applicable or are infeasible. The corresponding GHGRS strategies are indicated in the table to provide additional context, with the full text of the strategies preceding Table B.

Residential projects must complete Table B, Part 1 and 2; Non-residential projects must complete Table B, Part 2 only. All applicants shall complete the following steps for Table B.

1. Review the project consistency options described in the column titled 'GHGRS Strategy and Consistency Options'.
2. Use the check boxes in the column titled "Project Conformance" to indicate if the strategy is 'Proposed', 'Not Applicable', 'Not Feasible', or if there is an 'Alternative Measure Proposed'.

[1]The lists in items # 2-4 do not represent all General Plan policies but allow projects to demonstrate consistency and achievement of policies that are related to quantified reduction estimates in the 2030 GHGRS.

3. Provide a qualitative analysis of the proposed project's compliance with the GHGRS strategies in the column titled "Description of Project Measure". This will be the basis for CEQA analysis to demonstrate compliance with the 2030 GHGRS and by extension, with SB 32. The qualitative analysis should provide:

    a. A description of which consistency options are included as part of the proposed project, or

    b. A description of why the strategy is not applicable to the proposed project, or

    c. A description of why the consistency options are infeasible. If applicants select 'Not Feasible' or 'Alternative Measure Proposed', they must complete Table C to document what alternative project measures will be implemented to achieve a similar level of greenhouse gas reduction and how those reduction estimates were calculated.

C. Alternative Project Measures and Additional GHG Reductions

Projects that propose alternative GHG mitigation measures to those identified in Table B or propose to include additional GHG mitigation measures beyond those described in Tables A and B, shall provide a summary explanation of the proposed measures and demonstrate efficiency or greenhouse gas reductions achievable though the proposed measures. Documentation for these alternative or additional project measures shall be documented in Table C. Any applicants who select 'Not Feasible' or 'Alternative Measure Proposed' in Table B must complete the following steps for Table C.

1. In the column titled "Description of Proposed Measure" provide a qualitative description of what measure will be implemented, why it is proposed, and how it will reduce GHG emissions.

2. In the column titled "Description of GHG Reduction Estimate" demonstrate how the alternative project measure would achieve the same or greater level of greenhouse gas reductions as the GHGRS strategy it replaces. Documentation or calculation files can be attached separately.

3. In the column titled "Proposed Measure Implementation" identify how the measure will be implemented: incorporated as part of the project design or as an additional measure that is not part of the project (e.g., purchase of carbon offsets).

Compliance Checklist

Evaluation of Project Conformance with the 2030 Greenhouse Gas Reduction Strategy

Table A: General Plan Consistency

Development Type: ☐ Commercial ☐ Residential ☐ Office ☒ Other: [*Hospital*]

1) Consistency with the Land Use/Transportation Diagram (Land Use and Density)	Yes	No
Is the proposed Project consistent with the Land Use/Transportation Diagram?	☒	☐
If not, and the proposed project includes a General Plan Amendment, does the proposed amendment decrease GHG emissions (in absolute terms or per capita, per employee, per service population) below the level assumed in the GHGRS based on the existing planned land use? (The project could have a higher density, mix of uses, or other features that would reduce GHG emissions compared to the planned land use).[2]	☐	☐
If not, would the proposed project and the General Plan Amendment increase GHG emissions (in absolute terms or per capita, per employee, per service population)? Project is not consistent with GHGRS and further modeling will be required to determine if additional mitigation measures are necessary.	☐	☐

Response documentation:

The Project site has a General Plan land use designation of Neighborhood Community Commercial (NCC). The NCC designation allows for commercial uses serving communities in neighboring areas, including general office and hospitals. The Project would maintain the hospital use and introduce a medical office use and is therefore consistent with the General Plan land use designation. Therefore, the proposed project is consistent with the Land Use/Transportation Diagram.

[2] For example, a General Plan Amendment to change use from single-family residential to multi-family residential or a General Plan Amendment to change the use from regional-serving commercial to mixed-use urban in a transit-served area might reduce travel demand, and therefore GHG emissions from mobile sources.

2) Implementation of Green Building Measures	Yes	No
***MS-2.2**: Encourage maximized use of on-site generation of renewable energy for all new and existing buildings.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would be solar-ready by including building roof space and conduit infrastructure for a "Future PV Array" as required per California Code. The proposed project enroll in SJCE TotalGreen program.*		
***MS-2.3**: Encourage consideration of solar orientation, including building placement, landscaping, design and construction techniques for new construction to minimize energy consumption.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would comply with the latest energy efficiency standards. The State goal is to increase the use of green building practices to decrease energy consumption. The project would implement the green building strategies required by existing State and local regulations, including complying with all applicable CALGreen requirements. This includes (as applicable) installing water-efficient fixtures, recycled water irrigation systems (if available), and landscaping that follows the CALGreen Code and minimizes on-site energy consumption.*		
***MS-2.7**: Encourage the installation of solar panels or other clean energy power generation sources over parking areas.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would comply with the latest energy efficiency standards. The State goal is to increase the use of green building practices. The project would implement required green building strategies through existing regulation that requires the project to comply with various applicable CALGreen requirements. Additionally, the proposed project would enroll in SJCE TotalGreen program.*		
***MS-2.11**: Require new development to incorporate green building practices, including those required by the Green Building Ordinance. Specifically, target reduced energy use through construction techniques (e.g., design of building envelopes and systems to maximize energy performance), through architectural design (e.g., design to maximize cross ventilation and interior daylight) and through site design techniques (e.g., orienting buildings on sites to maximize the effectiveness of passive solar design).*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would implement green building strategies required by existing regulation, including CALGreen and the City's Green Building Ordinance, as applicable. The project would also adhere to applicable 2022 Energy Code (or later, if applicable) requirements for healthcare facilities, which include standards related to decreasing the energy requirements of a building through building envelope assemblies, HVAC, water heating, indoor lighting, outdoor lighting, electrical power distribution, ventilation, and signs.*		
***MS-16.2**: Promote neighborhood-based distributed clean/renewable energy generation to improve local energy security and to reduce the amount of energy wasted in transmitting electricity over long distances.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would be solar-ready by ensuring roof space and conduit infrastructure for "Future PV Array" as required by the California Building Code (Title 24). Additionally, the project would be enrolled in SJCE TotalGreen program.*		

3) Pedestrian, Bicycle & Transit Site Design Measures	**Yes**	**No**
***CD-2.1**: Promote the Circulation Goals and Policies in the Envision San José 2040 General Plan. Create streets that promote pedestrian and bicycle transportation by following applicable goals and policies in the Circulation section of the Envision San José 2040 General Plan.*	☒	☐
a) Design the street network for its safe shared use by pedestrians, bicyclists, and vehicles. Include elements that increase driver awareness.	☒	☐
b) Create a comfortable and safe pedestrian environment by implementing wider sidewalks, shade structures, attractive street furniture, street trees, reduced traffic speeds, pedestrian-oriented lighting, mid-block pedestrian crossings, pedestrian-activated crossing lights, bulb-outs and curb extensions at intersections, and on-street parking that buffers pedestrians from vehicles.	☒	☐
c) Consider support for reduced parking requirements, alternative parking arrangements, and Transportation Demand Management strategies to reduce area dedicated to parking and increase area dedicated to employment, housing, parks, public art, or other amenities. Encourage de-coupled parking to ensure that the value and cost of parking are considered in real estate and business transactions.	☐	☒
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *There are existing Class II bike lanes on both sides of Samaritan Drive that will remain. In accordance with CALGreen Code, the Project will include the installation of bike parking. Improvements would include new curb cuts for the proposed driveway access points, as well as rehabilitation of the existing pedestrian sidewalks. The Project would include a number of travel demand measures (TDM) in each phase. In Phase 1, TDM measures would include right-size parking supply, shared bikes or a dedicated fleet onsite including for cargo, a marketing campaign for alternative transit options, alternative work schedules or telecommuting options, and a ride-matching program to encourage carpooling. Phase 2 TDM measures include a road diet and traffic calming features to reduce the number of vehicle travel lanes, curb extensions, ADA compliant ramps, an on-street parking protected bike lane, a new bus shelter at the transit stop, and crosswalk improvements along Samaritan Drive. Phase 3 TDM measures include additional bicycle parking and installation of a roundabout at the intersection of Samaritan Place and Samaritan Drive with bike lane transitions, enhanced crosswalks and bus mobility, and shorter pedestrian crossings with refuge medians.*		
***CD-2.5**: Integrate Green Building Goals and Policies of the Envision San José 2040 General Plan into site design to create healthful environments. Consider factors such as shaded parking areas, pedestrian connections, minimization of impervious surfaces, incorporation of stormwater treatment measures, appropriate building orientations, etc.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The proposed project would include shaded parking areas, landscaping, and shading of the parking areas and walkways. A primary objective of the project is to enhance landscaping to create natural environments for patients, visitors, and employees. On-site landscaping would meet State water-efficient landscape standards and stage two drought restrictions. Improvements would include rehabilitation of the existing pedestrian sidewalks. The project is anticipated to have a total of 10 different drainage management areas throughout the site, each containing bioretention unlined basins with underdrains for treatment. The project would treat onsite flows prior to discharging them into the City's storm drain system and further comply with all applicable stormwater regulations.*		
***CD-2.11**: Within the Downtown and Urban Village Overlay areas, consistent with the minimum density requirements of the pertaining Land Use/Transportation Diagram designation, avoid the construction of surface parking lots except as an interim use, so that long-term development of the site will result in a cohesive urban form. In these areas, whenever possible, use structured parking, rather than surface parking, to fulfill parking requirements. Encourage the incorporation of alternative uses, such as parks, above parking structures.*	☐	☐

Not Applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. *The proposed project is not located within the Downtown or Urban Village Overlay areas.*		
***CD-3.2**: Prioritize pedestrian and bicycle connections to transit, community facilities (including schools), commercial areas, and other areas serving daily needs. Ensure that the design of new facilities can accommodate significant anticipated future increases in bicycle and pedestrian activity.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *There are existing Class II bike lanes on both sides of Samaritan Drive that will remain. In accordance with CALGreen Code, the Project will include the installation of bike parking. Improvements would include new curb cuts for the proposed driveway access points, as well as rehabilitation of the existing pedestrian sidewalks. The Project would include a number of travel demand measures (TDM) in each phase. In Phase 1, TDM measures would include right-size parking supply, shared bikes or a dedicated fleet onsite including for cargo, a marketing campaign for alternative transit options, alternative work schedules or telecommuting options, and a ride-matching program to encourage carpooling. Phase 2 TDM measures include a road diet and traffic calming features to reduce the number of vehicle travel lanes, curb extensions, ADA compliant ramps, an on-street parking protected bike lane, a new bus shelter at the transit stop, and crosswalk improvements along Samaritan Drive. Phase 3 TDM measures include additional bicycle parking and installation of a roundabout at the intersection of Samaritan Place and Samaritan Drive with bike lane transitions, enhanced crosswalks and bus mobility, and shorter pedestrian crossings with refuge medians.*		
***CD-3.4**: Encourage pedestrian cross-access connections between adjacent properties and require pedestrian and bicycle connections to streets and other public spaces, with particular attention and priority given to providing convenient access to transit facilities. Provide pedestrian and vehicular connections with cross-access easements within and between new and existing developments to encourage walking and minimize interruptions by parking areas and curb cuts.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *As discussed above, the project includes a TDP Plan that would promote safety and encourage employees to use alternative sources of transportation.*		
***LU-3.5**: Balance the need for parking to support a thriving Downtown with the need to minimize the impacts of parking upon a vibrant pedestrian and transit oriented urban environment. Provide for the needs of bicyclists and pedestrians, including adequate bicycle parking areas and design measures to promote bicyclist and pedestrian safety.*	☐	☐
Not applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. *The project is not located in the Downtown area. The project's bicycle facilities and pedestrian pathways are described above.*		
***TR-2.8:** Require new development to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/paths, or share in the cost of improvements.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project's TDM plan requires on-site facilities such as bicycle storage and showers, and various bicycle/pedestrian improvements.*		

TR-7.1: *Require large employers to develop TDM programs to reduce the vehicle trips and vehicle miles generated by their employees through the use of shuttles, provision for car-sharing, bicycle sharing, carpool, parking strategies, transit incentives and other measures.*	☒	☐
Not applicable	☐	☐
The project would include a TDM Plan, which includes measures such as a road diet along Samaritan Drive and roundabout improvements at the Samaritan Drive and Samaritan Place intersection, bike parking facilities, right-size parking supply, and ride-share programs. These TDM Programs would help reduce vehicle miles traveled (VMT) and mobile greenhouse gas emissions.		
TR-8.5: *Promote participation in car share programs to minimize the need for parking spaces in new and existing development.*	☐	☐
Not applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. *The project is a hospital and medical office use which has a unique employee and visitor situation. Car share programs for patients would not be possible for hospital patients or visitors since there is no regular schedule of patients visiting the office. There are two bus stops along the project site's frontage which would provide alternative transportation for those who can take advantage; however, it is not anticipated that all employees or visitors would be able to utilize this option.*		
4) Water Conservation and Urban Forestry Measures	**Yes**	**No**
MS-3.1*: Require water-efficient landscaping, which conforms to the State's Model Water Efficient Landscape Ordinance, for all new commercial, institutional, industrial and developer-installed residential development unless for recreation needs or other area functions.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The proposed project would include water-efficient landscaping that conforms to the State's Model Water Efficient Landscape Ordinance and the City's Water-Efficient Landscape Ordinance (Chapter 15.11 of the San José Municipal Code). The Project would meet the City of San José's Water Efficient Landscape Requirements. Proposed features include a low-flow, point source irrigation system equipped with a weather-based smart controller, as required. On-site landscaping would meet State water-efficient landscape standards and stage 2 drought restrictions, as requried.*		
MS-3.2*: Promote the use of green building technology or techniques that can help reduce the depletion of the City's potable water supply, as building codes permit. For example, promote the use of captured rainwater, graywater, or recycled water as the preferred source for non-potable water needs such as irrigation and building cooling, consistent with Building Codes or other regulations.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would include low-flow fixtures and appliances as required by City Municipal Code Chapter 15.11. The project would comply with measures to increase water efficiency and green building techniques per applicable building codes. Sustainable features within the project includes installation of water-efficient fixtures and appliances, where possible. The installation of recycled water irrigation systems will also occur in the project if available (note: currently the City does not provide recycled water in the vicinity of the project site).*		
MS-19.4*: Require the use of recycled water wherever feasible and cost-effective to serve existing and new development.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *Per the South Bay Water Recycling (SBWR) system map, the City does not provide recycled water in the vicinity of the project site. The project would utilize recycled water from the proposed recycled water irrigation systems for the outdoor landscaping based on availability.*		

***MS-21.3**: Ensure that San José's Community Forest is comprised of species that have low water requirements and are well adapted to its Mediterranean climate. Select and plant diverse species to prevent monocultures that are vulnerable to pest invasions. Furthermore, consider the appropriate placement of tree species and their lifespan to ensure the perpetuation of the Community Forest.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project is anticipated to plant 530 (24-inch box) trees that will increase overall shading on the site compared to existing conditions. Additional landscaping is proposed throughout the project site and would include a mix of grasses, shrubs, and ground cover. See landscape plans for additional details.*		
***MS-26.1**: As a condition of new development, require the planting and maintenance of both street trees and trees on private property to achieve a level of tree coverage in compliance with and that implements City laws, policies or guidelines.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The project would comply with City landscaping requirements and criteria to incorporate existing trees with new landscaping. The project would enhance the existing landscaping and a majority of the existing perimeter and parking lot landscaping would be removed as part of Project implementation. Of the 414 existing trees, 44 would remain. Project implementation would remove 370 trees, including 41 street trees, and 143 ordinance-sized trees. The remaining 186 trees to be removed are unprotected and are not subject to Municipal Code Section 13.32 provisions. Tree removals would be in accordance with Municipal Code Section 13.32 which requires project applicants to obtain a Tree Removal Permit prior to removing trees on private property. Based on the City's Tree Replacement ratios, the project would be required to plant a total of 920, 15-gallon replacement trees or 460 24-inch box trees or pay equivalent Tree Replacement Fees to the City. The Project proposes to plant 530 new 24-inch box trees on-site and along the Project site street frontages and is in compliance with City laws, policies, and guidelines related to trees.*		
***ER-8.7**: Encourage stormwater reuse for beneficial uses in existing infrastructure and future development through the installation of rain barrels, cisterns, or other water storage and reuse facilities.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. *The Municipal Regional Permit (MRP) allows development projects to use infiltration, evapotranspiration, harvesting and use, or biotreatment to treat full water quality design flow or volume of stormwater runoff, as specified in MRP Provision C.3.d. The City of San José's Environmental Services Department is responsible for stormwater management within the City. The project is anticipated to have a total of 10 different drainage management areas throughout the site, each containing bioretention unlined basins with underdrains for treatment. Project applicants are no longer required to evaluate the feasibility of rainwater harvesting and use before proceeding to biotreatment. Appendix I from SCVURPPP provides guidance on how to estimate the required landscaping or toilet flushing demand to meet C.3.d requirements. The project would treat onsite flows prior to discharging them into the City's storm drain system. There is an existing utility access (water and sewer, stormwater management, dry utilities, and solid waste management) to the project site.*		

GHGRS Strategies

GHGRS #1: The City will implement the San José Clean Energy program to provide residents and businesses access to cleaner energy at competitive rates.

GHGRS #2: The City will implement its building reach code ordinance (adopted September 2019) and its prohibition of natural gas infrastructure ordinance (adopted October 2019) to guide the city's new construction toward zero net carbon (ZNC) buildings.

GHGRS #3: The City will expand development of rooftop solar energy through the provision of technical assistance and supportive financial incentives to make progress toward the Climate Smart San José goal of becoming a one-gigawatt solar city.

GHGRS #4: The City will support a transition to building decarbonization through increased efficiency improvements in the existing building stock and reduced use of natural gas appliances and equipment.

GHGRS #5: As an expansion to Climate Smart San José, the City will update its Zero Waste Strategic Plan and reassess zero waste strategies. Throughout the development of the update, the City will continue to divert 90 percent of waste away from landfills through source reduction, recycling, food recovery and composting, and other strategies.

GHGRS #6: The City will continue to be a partner in the Caltrain Modernization Project to enhance local transit opportunities while simultaneously improving the city's air quality.

GHGRS #7: The City will expand its water conservation efforts to achieve and sustain long-term per capita reductions that ensure a reliable water supply with a changing climate, through regional partnerships, sustainable landscape designs, green infrastructure, and water-efficient technology and systems.

Table B: 2030 Greenhouse Gas Reduction Strategy Compliance

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
PART 1: RESIDENTIAL PROJECTS ONLY – (Not applicable; Project is not residential)		
Zero Net Carbon Residential Construction 1. Achieve/exceed the City's Reach Code, and 2. Exclude natural gas infrastructure in new construction, or 3. Install on-site renewable energy systems or participate in a community solar program to offset 100% of the project's estimated energy demand, or 4. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project until which time SJCE achieves 100% carbon-free electricity for all accounts. **Supports Strategies:** GHGRS #1, GHGRS #2, GHGRS #3	**Not Applicable. The project would not include residential uses.**	☐Proposed ☒Not Applicable ☐Not Feasible* ☐Alternative Measure Proposed **The 2030 GHGRS assumed this strategy would be feasible for 50% of residential units constructed between 2020 and 2030.*
PART 2: RESIDENTIAL AND NON-RESIDENTIAL PROJECTS		
Renewable Energy Development 1. Install solar panels, solar hot water, or other clean energy power generation sources on development sites, or 2. Participate in community solar programs to support development of renewable energy in the community, or 3. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project. **Supports Strategies**: GHGRS #1, GHGRS #3	**Consistent.** The project would be enrolled in SJCE TotalGreen program (approx. 100 percent renewable energy).	☐See Part 1 (Residential projects only) ☒Proposed ☐Not Applicable ☐Not Feasible ☐Alternative Measure Proposed

Building Retrofits – Natural Gas[3] This strategy only applies to projects that include a retrofit of an existing building. If the proposed project does not include a retrofit, select "Not Applicable" in the Project Conformance column. 1. Replace an existing natural gas appliance with an electric alternative (e.g., space heater, water heater, clothes dryer), or 2. Replace an existing natural gas appliance with a high-efficiency model **Supports Strategies:** GHGRS #4	**Not Applicable.** The project does not include a retrofit. Therefore, this strategy is not applicable to the project.	☐Proposed ☒Not Applicable ☐Not Feasible ☐Alternative Measure Proposed
Zero Waste Goal 1. Provide space for organic waste (e.g., food scraps, yard waste) collection containers, and/or 2. Exceed the City's construction & demolition waste diversion requirement. **Supports Strategies:** GHGRS #5	**Consistent.** The proposed development includes an exterior trash enclosure with space for recycling and organic waste collection. Additionally, construction and demolition waste would be diverted to meet City requirements. Per Assembly Bill 341, provided recycling services would divert at least 50 percent of solid waste generation.	☒Proposed ☐Not Applicable ☐Not Feasible ☐Alternative Measure Proposed
Caltrain Modernization 1. For projects located within ½ mile of a Caltrain station, establish a program through which to provide project tenants and/or residents with free or reduced Caltrain passes or 2. Develop a program that provides project tenants and/or residents with options to reduce their vehicle miles traveled (e.g., a TDM program), which could include transit passes, bike lockers and showers, or other strategies to reduce project related VMT. **Supports Strategies:** GHGRS #6	**Not Applicable.** The proposed project is not located within ½ mile of a Caltrain station. Therefore, this strategy is not applicable to the project. The project would include a TDM program.	☐Proposed ☒Not Applicable ☐Not Feasible ☐Alterative Measure Proposed

[3] GHGRS Strategy #4 applies to existing building retrofits and not to new construction; Strategy #2 applies to new construction to reduce natural gas related GHG emissions.

Water Conservation 1. Install high-efficiency appliances/fixtures to reduce water use, and/or include water-sensitive landscape design, and/or 2. Provide access to reclaimed water for outdoor water use on the project site. **Supports Strategies:** GHGRS #7	**Proposed**. The proposed project would comply with water conservation per the California Green Building Standards Code, which requires a 20 percent reduction in indoor water use. The project would include low flow appliances and fixtures. The project would also comply with the City's Water-Efficient Landscape Ordinance (Chapter 15.11 of the San José Municipal Code). Proposed features include a low-flow, point source irrigation system equipped with a weather-based smart controller. On-site landscaping would meet State water-efficient landscape standards and stage 2 drought restrictions.	☒Proposed ☐Not Applicable ☐Not Feasible ☐Alternative Measure Proposed

APPENDIX J

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Phase I Environmental Site Assessment

Good Samaritan Hospital Master Plan Buildout

2333 and 2425 Samaritan Drive

San Jose, Santa Clara County, California Sacramento

Prepared for:

Good Samaritan Hospital
2425 Samaritan Drive
San Jose, California

August 31, 2023

Prepared By:

Kimley»Horn

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Kimley-Horn Project No. 197570002

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LIST OF ACRONYMS

AAI	All Appropriate Inquiries
AOC	Area of Concern
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
BER	Business Environmental Risks
CREC	Controlled recognized environmental conditions
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Phase I Environmental Site Assessment
HREC	Historical recognized environmental conditions
LLP	Landowner Liability Protections
LQG	Large Quantity Generators
LUST	Leaking underground storage tank
NPL	National Priority List
REC	Recognized environmental condition
SQG	Small Quantity Generator
TSDF	Treatment, Storage and Disposal
USGS	United States Geological Survey
UST	Underground storage tank
VDEQ	Virginia Department of Environmental Quality
VEC	Vapor Encroachment Condition
VES	Vapor Encroachment Screening
VSQG	Very Small Quantity Generators

1. EXECUTIVE SUMMARY

Kimley-Horn and Associates, Inc. (Kimley-Horn) was retained by Good Samaritan Hospital (the "Client" or "User") to conduct a Phase I Environmental Site Assessment (ESA) for approximately 19-acres at 2425 and 2333 Samaritan Drive, San Jose, Santa Clara County, California (referred to herein as the "subject property"). This Phase I ESA was performed in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI), 40 CFR Part 312 and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process/Designation E 152721* (ASTM Standard Practice E 1527-21). The ESA was conducted under the supervision or responsible charge of Cassie Bretschger, Environmental Professional.

The Phase I ESA summary is provided below. Specific details were not included or fully developed in this section, and the Phase I ESA must be reviewed in its entirety for a comprehensive understanding of the results. This report represents our services as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the subject property's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after property renovation or development). Further, these services are not to be construed as legal interpretation or advice.

Viability of this report is subject to ASTM E1527-21 Sections 4.6 and 4.8. This Phase I ESA is presumed viable for up to 180 days from the first date the component listed in Section 4.6 of the ASTM Standard Practice E1527-21 were conducted, which is May 30, 2023.

Table 1.1 Summary Phase I ESA Component Dates

Component	Date
Interviews	June 12, 2023
Review of Government Records	May 30, 2023
Visual Inspection	June 12, 2023
Declaration by Environmental Professional	August 31, 2023

Site Background:

The subject property is located at the address of 2425 and 2333 Samaritan Drive in San Jose, California and is currently operating as a 404-bed acute care hospital. The property was maintained as agricultural from 1935 to 1956. Between 1956 and 1963, development activity began onsite with the construction of Good Samaritan hospital on the western portion of the site (APN 421-36-009). Expansion of the hospital occurred between 1963 and 1968. The eastern portion of the site (APN 421-36-011) was maintained as agricultural land until 1974 when it was developed as surface parking lots and athletic fields. The eastern portion of the site was redeveloped into parking and a day care facility between 1982 and 1993. The subject property is currently developed as a hospital campus comprising of four multi-story towers. Ancillary childcare services, parking, and physical plant facilities are also onsite.

Table 1.2: Property Use Summary	
Item	**Comments**
Number of Parcels and Acreage	Two parcels: 421-36-009 and 421-36-011 Approximately 19 acres in total
Number of Building(s) and Square Footage	The hospital campus consists of four buildings, associated pavement, and native soil surfaces present onsite.
Current Property Use	Hospital campus consisting of four multi-story towers, as well as ancillary childcare services, parking, and physical plant facilities.

Kimley-Horn has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 of the Subject Property located at 5192 Bayou Way in Sacramento, Sacramento County, California. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Recognized Environmental Conditions

A recognized environmental condition (REC) is defined in the ASTM Standard as the presence or likely presence of a hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. Kimley-Horn did not identify any RECs in association with the Subject Property.

Historical Recognized Environmental Conditions

A historical REC (HREC), as defined in the ASTM Standard, is a past release of any hazardous substance and/or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria. This assessment has revealed no evidence of historical recognized environmental conditions connected with the subject property except the following:

> HREC 1: The subject property is listed as a LUST case with a Site Case Closure dated January 21, 2000, from the Regional Water Quality Control Board (RWQCB) in association with a piping leak from former USTs operations on site. Three USTs formerly operated within the Site, consisting of two 10,000-gallon and one 5,000-gallon diesel tanks, which were removed on June 8, 1999. Soil samples were taken at 3.8-feet below ground surface (bgs) adjacent to the piping and reported low levels of Total Petroleum Hydrocarbon- Diesel range (TPH-D) at 38.0 ppm (mg/kg) in the vicinity of the UST piping. The detection reported is below current RWQCB-San Francisco Region Environmental Screening Levels (ESLs) for TPH-D in commercial/industrial soil, which is 1,200 mg/kg. All USTs were intact upon removal and properly disposed of offsite. The RWQCB issued a “no further action” determination concerning the former USTs on January 21, 2000. The former LUST case with regulatory closure is considered a HREC. Based on the results of confirmation soil sampling, which identified only low concentrations of TPH-D, and the closed regulatory status of the UST case, the former USTs are not an environmental concern to the subject property and Kimley-Horn recommends no further investigation.

Controlled Recognized Environmental Conditions

A controlled REC (CREC), as defined in the ASTM Standard, is a REC resulting from a past release of hazardous substances and/or petroleum products in which the regulatory agency has allowed contamination to remain in place at the property which is subject to the implementation of required controls and/or restrictive use. Kimley-Horn has not identified any evidence of CRECs in association with the Subject Property.

De minimis Condition

De minimis conditions are defined as conditions that generally do not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not RECs nor CRECs.

DMC 1: A 55-gallon drum of a Class 3 hazard (hazard constituents included acetic acid, acetone, chloroform, ethyl alcohol, hydrochloric acid, and isopropanol) was observed. The 55-gallon drum was not housed within secondary containment at the time of the inspection. All materials within the hazardous materials storage area should have secondary containment.

DMC 2: Three 5-gallon and 15-gallon containers of refrigerant were observed stored outside behind a pad-mounted transformer on top of a gravel base. One drum contained fluid. No staining was visible in the vicinity of the drums. The unlabeled containers are considered a *de minimis* condition and should be properly disposed of from the property.

Business Environmental Risks

A Business Environmental Risk (BER), as defined in the ASTM Standard, is a risk which can have a material environmental or environmentally-driven impact on the business associated with the use of a commercial site, and which does not require further investigation to the same degree as a REC. Kimley-Horn did not identify areas of potential concern associated with business environmental risks in connection with the Subject Property during the completion of this Phase I ESA with the exception of the following.

BER 1: Previous agricultural use of the subject property identified during the review of historical aerial photography is a BER. The legal and routine application of herbicides, pesticides, and fertilizers while the subject property was used for agricultural purposes may have resulted in localized impacts to shallow site soils. Given the length of time since agricultural operations have occurred, and the absence of any documentation suggesting pesticides and herbicides were stored or mixed on the subject property, the presence of pesticides and herbicides are not a REC. However, since the property is developed with asphalt or building structures covering the surface of the subject property, there is not a direct exposure pathway imposing risk for human health. Per the ASTM standard, the standard application of herbicides, pesticides, and fertilizers does not constitute a release or materially threat of release, therefore, this is a BER.

BER 2: Currently, two USTs containing diesel fuel are located within the subject property and actively used as back-up fuel for generators. Both tanks were installed after 2000, and 20,000-gallon in size. See Section 4.2 for additional review of the USTs. Based on Figure 3 Proposed Project Build Out Conceptual Site Plan dated September 2023, current redevelopment includes construction of an additional building within the footprint of the current USTs. The USTs should be removed after approval from Santa Clara County Hazardous Materials Compliance Divisions (HMCD) and completion of an UST System Closure Permit Application. Closure will consist of

tank removal, and ancillary piping along with soil sampling to ensure no residual leaks from operating the tank system. Tank and sump removal and sampling activities must be witnessed by a representative from HMCD.

2. INTRODUCTION

The following is a concise summary of the subject property as well as the purpose, methodology, user reliance, significant assumptions, and limitations of this Phase I ESA.

2.1 SUBJECT PROPERTY OVERVIEW

The subject property location is depicted on **Figure 1** and **Figure 2**. The Proposed Project Build Out Conceptual Site Plan are depicted on **Figure 3**. Figures are included in **Appendix A**. Photographs of the subject property are included in **Appendix B**.

Table 2.1 Subject Property Overview

Site Name	Good Samaritan Hospital
Site Location/Address	2425 Samaritan Drive, San Jose, CA 95124
Owner	19 acres
Land Area	The subject property consists of an approximately 13-acre parcel (APN 421-36-009) and an approximately 6- acre parcel (APN 421-36-011) totaling 19 acres.
Legal Description	Historically agricultural and hospital use. Currently occupied by Good Samaritan Hospital (Planned Development zone).
Existing Use/Condition	Good Samaritan Hospital

2.2 PURPOSE AND SCOPE OF SERVICES

This Phase I ESA was performed in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process/Designation E 1527-21* (ASTM Standard Practice E 1527-21).

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the Subject Property in an effort to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs) and *historical recognized environmental conditions* (HRECs) in connection with the Subject Property. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs, CRECs and HRECs in connection with the Subject Property.

Additionally, this Phase I ESA was designed to assist the client in developing information to identify RECs in connection with the Subject Property as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual, noninvasive reconnaissance of the Subject Property and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

ASTM E1527-21 contains a new definition of "migrate/migration," which refers to “the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.” By including this explicit reference to migration in ASTM E1527-21, the Standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA. This Phase I ESA has considered vapor migration in evaluation of RECs associated with the Subject Property.

2.3 USER RELIANCE

This Phase I ESA report represents the product of Kimley-Horn’s expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: Kimley-Horn and Associates, Inc. (Kimley-Horn); and Good Samaritan Hospital, and their respective successors, assigns, affiliates, and subsidiaries. Kimley-Horn acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, Kimley-Horn makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

Reliance on the Phase I ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal with Kimley-Horn and Associates, Inc. Standard Provisions and the Phase I ESA report. The limitation of liability defined in the Standard Provisions is the aggregate limit of Kimley-Horn’s liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-21 Sections 4.6 and 4.8. If the Phase I ESA will be used by a different user (third party) than the user for whom the Phase I ESA was originally prepared, the third party must also satisfy the user’s responsibilities in Section 6 of ASTM E1527-21.

2.4 SIGNIFICANT ASSUMPTIONS

Pursuant to ASTM Standard Practice E 1527-21, Kimley-Horn assumes that the information provided by all sources and parties, including the User as Good Samaritan Hospital, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

2.5 LIMITATIONS, DEVIATIONS, AND SPECIAL TERMS AND CONDITIONS

There were no deviations from the ASTM Standard during the preparation of this report. Any physical limitations identified during the completion of this report are referenced in Section 4.0.

This Phase I ESA is viable for up to 180 days from the first date the component listed in Section 4.6 of the ASTM Standard Practice E1527-21 were conducted, which is November 26, 2023.

Based upon the agreed-on scope of services, this Phase I ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e., evaluation of the presence of vapors within a building structure), or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several

sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources is not warranted hereunder. This ESA was further limited by the following:

- Title records were not provided during this investigation.

Based on other available resources, these data gaps are not likely to affect the conclusions of this report and are not significant.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

3. USER PROVIDED INFORMATION

The ASTM Standard defines a User as "the party seeking to use Practice E 1527-21 to complete an environmental site assessment of the Subject Property. A User may include, without limitation, a potential purchaser of Subject Property, a potential tenant of Subject Property, an owner of the Subject Property, a lender, or a property manager." The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of the ASTM Standard Practice E 1527-21.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments"), the User must provide certain information (if available) identified in the User Questionnaire to the Environmental Professional (EP). Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. The County of Sacramento owns the Subject Property. The County has elected to complete a Phase I ESA in association with the proposed development of the property. Failure to provide a completed User Questionnaire constitutes a data failure, which is a type of data gap. However, the data gap is not considered significant because there is no pending real estate transaction, and other information and/or personal experience did not raise reasonable concerns involving the data gap.

3.1 USER QUESTIONNAIRE

The following table summarizes the responses to the User Questionnaire completed by completed by Justin Wilchynski the Construction Project Manager with Good Samaritan. A copy of the User Questionnaire is attached in **Appendix C**.

Table 3.1 Summary of User Questionnaire Responses

Client Questionnaire Item	Client's Response	
	Yes	No
Do you know the past uses of the Subject Property?	X This land was previously used for agricultural purposes.	
Do you know of specific chemicals that are present or once were present at the Subject Property?	X List of hazardous materials within the site provided.	
Do you know of any past or present underground storage tanks or above ground storage tanks?	X Current and past tanks	

Do you know of spills or other chemical releases that have taken place at the Subject Property?		X
Are you aware of any environmental liens filed or recorded against the subject property under federal, tribal, state, or local law?		X
Do you have any specialized knowledge or experience related to the subject property or nearby properties? Has a Phase I ESA ever been performed on the site? If so, was the site found to be contaminated with hazardous materials and/or petroleum substances? Was further assessment recommended?		X
Based on your knowledge and experience related to the Subject Property, are there any obvious indicators that point to the presence or likely presence of releases at the Subject Property?		X
Other Information per X3.1		
Reason why the Phase I ESA is being performed:	Property redevelopment for CEQA	
Type of property and transaction being performed:	N/A	
Any other knowledge or experience with the Subject Property that may be pertinent to the environmental professional (any available prior environmental site assessment reports, documents, correspondence, etc., concerning the Subject Property and its environmental condition):	No	

3.2 RECORDED LAND TITLE RECORDS

A 50-year chain of title search was not conducted for the Subject Property by Kimley-Horn. Furthermore, the User did not provide Kimley-Horn with a 50-year chain of title. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report. As such, this is considered a limiting condition; however, based on the other data reviewed for the Subject Property, it is not considered a significant data gap.

3.3 ENVIRONMENTAL LIENS, ACTIVITY AND USE LIMITATIONS, AND GOVERNMENT INSTITUTIONAL AND ENGINEERING CONTROLS

An Environmental Lien and AUL Search Report for the two parcels within the Subject Property was produced by EDR and was reviewed as part of this Phase I ESA (**Appendix D**). No liens or use limitations were identified. The deed for the parcels is vested to Good Samaritan Hospital, L.P.

4. SITE RECONNAISSANCE

Information contained in this section is based on a visual reconnaissance conducted while walking through the Subject Property and the accessible interior areas of structures, if any, located on the Subject Property. The Subject Property and adjoining properties are depicted on the Site Plan, which is included in **Figure 2** of **Appendix A**. Photo documentation of the Subject Property at the time of the visual reconnaissance is provided in **Appendix B**.

Table 4 Summary of General Site Information

Site Reconnaissance				
Field Personnel	Cassie Bretschger, Damian Arnaiz			
Date	June 15, 2023			
Weather Conditions	Sunny			
Subject Property Contact/Title	Justin Wilchynski			
Building Description				
Building/ Improvement Id	Building Use	Year Built	Number of Stories	Approx Sq FT
Building 1	Main Hospital	Mid 1990s	4	Unknown
Building 2	Helipad	Late- 1990s	2	Unknown
Building 3	Temporary offices (3x)	Late-2010s	1	Unknown
Building 4	CT/PET scan	Mid-2000s	1	Unknown

4.1 SITE OBSERVATIONS

The following table summarizes the Subject Property observations. Affirmative responses are discussed in more detail following the table.

Table 4.1 Summary of Site Observations

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	Yes- observed. Two emergency generators are maintained on the east side of the hospital. Generators are new but

		exact installation date in unknown.
	Elevators	Yes- observed. Multiple elevators located throughout hospital facility. Maintained by Otis Worldwide Corporation monthly. No spills/ongoing maintenance issues reported.
	Air compressors	Yes- observed. Air compressors are located within the basement.
	Hydraulic lifts	Yes- observed. Hydraulic lifts were observed within the basement.
	Dry cleaning	No
	Photo processing	No
	Ventilation hoods and/or incinerators	Yes- observed. Ventilation hoods were observed in the refurbished kitchen.
	Waste treatment systems and/or water treatment systems	No
	Heating and/or cooling systems	Yes- observed. The property is currently connected to a HVAC system.
	Paint booths	No
	Sub-grade mechanic pits	No
	Wash-down areas or carwashes	No
	Pesticide/herbicide production or storage	No
	Printing operations	No
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	No

	Salvage operations	No
	Oil, gas or mineral production	No
	Other processes or equipment	No
Aboveground Chemical or Waste Storage	Aboveground storage tanks	Yes- observed. Portable office building's black water is served by above ground storage tank. Additionally, two- liquid oxygen ASTs are observed within the property.
	Drums, barrels and/or containers ≥ 5 gal	Yes- observed. Hazardous and non-hazardous drums, barrels and containers observed throughout the site. Hazardous waste was observed in the designated hazardous waste storage area. Staining observed in hazardous waste storage area. Hazardous waste was observed outside of hazardous waste storage area as well.
	MSDS or SDS	Yes- identified. SDS reported by Owner's representative but not observed.
Underground Chemical or Waste Storage, Drainage or Collection Systems	USTs or ancillary UST equipment	Yes- identified. Manholes of USTs observed during site reconnaissance. Two 20,000- gallon USTs are located within the subject property.
	Sumps, cisterns, French drains, catch basins and/or dry wells	Yes- observed. Three sewer sumps and one stormwater sump were observed.
	Grease traps	Yes- observed. Grease trap located in new and existing kitchens.

	Septic tanks and/or leach fields	Yes- observed. Above ground septic tank services black water from portable office building.
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	No
	Pipeline markers	No
	Interior floor drains	Yes- observed. Multiple interior floor drains located throughout the facility. No staining observed near interior floor drains.
Electrical Transformers/ PCBs	Transformers and/or capacitors	Yes, observed. Multiple pad mounted transformers were located within the property.
	Other equipment	No
Releases or Potential Releases	Stressed vegetation	No
	Stained soil	No
	Stained pavement or similar surface	Yes observed. Stained pavement observed in several locations. Refer to photo log, for photos of stained pavement. The staining was not indicative a s major spill or release.
	Leachate and/or waste seeps	Yes- observed. Waste seep Observed at drain near loading dock/disposal.
	Trash, debris and/or other waste materials	Yes- observed. Trash, debris, and waste materials observed onsite in the vicinity of the loading dock
	Dumping or disposal areas	Yes- observed. Controlled disposal areas located throughout the site. Centralized collection facility is located in the vicinity of the loading dock.

	Construction/demolition debris and/or dumped fill dirt	Yes- observed. CONEXs Housing construction materials located in north parking lot. Construction Debris located near CONEXs.
	Surface water discoloration, odor, sheen, and/or free-floating product	No
	Strong, pungent or noxious odors	No
	Exterior pipe discharges and/or other effluent discharges	No
Other Notable Site Features	Surface water bodies	No
	Quarries or pits	No
	Wastewater lagoons	No
	Wells	Yes- identified. Three active wells are identified onsite through the Santa Clara Valley Water District. Well, 08S01W11E001 is identified as an active, 24-inch water production well with a depth of 472 feet under Permit. Number 91W1944). The remaining two wells are in association, with the E and W Elevator, likely associated with the elevator sumps under Permit numbers 03W00418, 03W00419. Additionally, two unregistered wells are identified as destroyed (Permit numbers 98D00770 and 98D00768).

4.2 CURRENT OPERATIONS

The subject property is currently operating as an acute care hospital. There are also ancillary childcare services, parking, and physical plant facilities onsite.

At the time of site reconnaissance, the subject property was developed with multiple medical office buildings and operating as an acute care hospital with ancillary childcare services, parking, heliport, and supporting medical offices.

A basement was present beneath one of the main hospital buildings, which was occupied by facility maintenance personnel for storage of building maintenance supplies and equipment, hazardous materials storage area, and multiple sanitary sewer and storm drain sumps observed within the concrete floor slab of the basement. The three sumps appeared to discharge to the sanitary sewer system with the intent to limit flooding of the basement. Common maintenance supplies such as lubricants, adhesives and cleaning products were observed along with the bio-hazardous storage room. Additionally, a mechanical room with a natural gas fueled boiler was observed. The boilers had been replaced within the last decade and appeared in good condition.

During site reconnaissance above ground septic systems, welding gas, hazards materials storage areas, sump associated with sanitary operations, USTs and ASTs were observed.

Both hazardous, bio-hazardous and common building maintenance supplies are used and stored on-Site for facility maintenance purposes. Diesel fuel for a means of back-up fueling material along with hydraulic oil also is present within elevator equipment. A list of hazardous materials outside of the above-described is included in **Appendix F**. Wastes were stored in appropriately labeled containers with the exception of the following:

- One 55-gallon drum of a Class 3 hazard (hazard constituents included acetic acid, acetone, chloroform, ethyl alcohol, hydrochloric acid, and isopropanol) was observed. The 55-gallon drum was not housed within secondary containment at the time of the inspection. All materials within the hazardous materials storage area should have secondary containment.

- Three 5-gallon and 15-gallon containers of refrigerant were observed stored outside behind a pad-mounted transformer on top of a gravel base. One drum contained fluid. No staining was visible in the vicinity of the drums. The unlabeled containers are considered a *de minimis* condition and should be properly disposed of from the property.

During site inspection no evidence of hazardous materials spills was observed on the Subject Property and general housekeeping and record keeping appeared orderly; the potential for these hazardous materials to have significantly impacted the Site appears low.

Two underground storage tanks are located within the subject property and actively used as back-up fuel for generators. Both tanks were installed after 2000, and are 20,000-gallon in size, constructed of double walled steel material with jacketed secondary containment, registered with the State of California with record of regular tank integrity testing, and no leaks reported. The presence of the petroleum products stored properly stored in doubled walled UST with secondary containment at the property is not the result of a release. Furthermore, a new tank in good condition, with no evidence of leaks, spills, etc. does not constitute a material threat of a release. Evidence of UST condition reviewed included Operating Permit, Monitoring Plans of the tanks, associated piping, and secondary containment, and Response Plans are located in **Appendix F**.

The location of the USTs are within the area planned for redevelopment Building C as depicted in **Figure 3** – Phase I Conceptual Site Plan. Prior to redevelopment and grading, the USTs should be removed under the oversight of the Santa Clara County Hazardous Materials Compliance Divisions (HMCD) and after completion of an UST System Closure Permit Application. Closure will consist of tank removal, and ancillary piping along with soil sampling to ensure no residual leaks from operating the tank system. Tank and sump removal and sampling activities must be witnessed by a representative from HMCD.

Additionally, two aboveground storage tanks (ASTs) are located within the Subject Property and actively used to store liquid oxygen. As liquid oxygen is not considered a hazardous material by the ASTM

standard, the contents of the onsite ASTs are not considered a REC at this time. Provisions should be taken around the liquid oxygen ASTs due to the quantity of the material stored onsite and Material Safety Data sheets (MSDS) followed.

4.3 ADJOINING PROPERTIES

The following section provides information about the adjoining properties obtained during the Subject Property reconnaissance and through review of reasonably ascertainable information. Visual observations of adjoining properties (from Subject Property boundaries) are summarized below.

Table 4.3 Summary of Adjoining Properties

Direction	Description	REC/BER
North	Highway 85	No outstanding violation identified. Not a REC/ BER.
East	Samaritan Place followed by Cambrian Center (a retirement home)	No outstanding violation identified. Not a REC/ BER.
South	Samaritan Drive, followed by medical offices (San Jose Sports Medicine & Orthopedics, VIP Fibroid Center, Group Orthopedics)	No violations without return to compliance were identified. Not a REC/BER.
West	Parking lot, Medical offices (Spectrum Eye Physicians, Samaritan Apothecary Pharmacy, private medical practices)	No outstanding violation identified. Not a REC/ BER.

5. RECORDS REVIEW

5.1 PHYSICAL SETTING

The following is a summary of the physical setting of the Subject Property.

Table 5.1 Summary of Physical Setting of the Subject Property

Physical Setting Information		Source
Topography		
Site Elevation	Approximately 285 feet above sea level	United States Geological Survey Division (U.S.G.S.) 7.5-Minute Topographic Map San Jose West, Quadrangle, California, 2021.
Topographic Gradient/ Surface Water Runoff	Generally, to the north-northeast	
Closest Surface Water	Los Gatos Creek, approximately 1,500 meters to the west.	
Soil Characteristics		
Soil Type; Description	.140- Urban land- Flaskan complex, 0 to 2 percent slopes, characterized by alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics. The soil's depth to restrictive feature and depth to water table is more than 80 inches. There is no frequency of ponding and a hydric soil rating of "no" for hydric soil rating and hydrologic soil group C.	U.S. Department of Agriculture: Natural Resources Conservation Service (NRCS) Web Soil Survey (**Appendix F**) http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx,
Geology/Hydrogeology		
Geologic Formation	The Subject Property is located within the Older Surficial Sediments (Qoa/Qt) – late Pleistocene	Dibblee, T.W., and Minch, J.A, 2007, *Geologic map of the Cupertino and San Jose West quadrangles, Santa Clara and Santa Cruz Counties, California*
Hydrogeology	Groundwater in the area is estimated to be approximately 150 feet below ground surface.	R.T. Hanson, Zhen Li, and C.C. Faunt, 2004, *Documentation of the Santa Clara Valley Regional Groundwater/Surface-Water Flow Model, Santa Clara Valley, California*
Oil and Gas Wells		

Current Oil and Gas Wells on Subject Property	No records for active wells associated with the Subject Property were found.	State of California Department of Conservation Division of Geologic Energy Management (CalGEM) online mapping application (maps.conservation.ca.gov), accessed June 15, 2023.
Historical Oil and Gas Wells on Subject Property	No records for active wells associated with the Subject Property were found.	

5.2 HISTORICAL RECORDS REVIEW

Kimley-Horn reviewed reasonably ascertainable records to identify obvious uses of the Subject Property from the present, back to the property's obvious first developed use, or back to 1935, whichever is earlier. Reasonably ascertainable records reviewed as part of this Phase I ESA documented the use of the property back to at least 1935.

Readily available historical selected historical aerial photographs, USGS topographic maps, city directories, and historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources (EDR) to evaluate past uses and relevant characteristics of the Subject Property and surrounding properties.

Previous agricultural use of the Subject Property identified during the review of historical aerial photography is considered a BER. The legal and routine application of herbicides, pesticides, and fertilizers while the Subject Property was used for agricultural purposes may have resulted in localized impacts to the site soils. Given the length of time since agricultural operations have occurred, and the absence of any documentation suggesting pesticides and herbicides were stored or mixed on the Subject Property, the presence of pesticides and herbicides are not a REC.

Reviewed historical topographic maps, city directories, and aerial photographs are summarized below. The sources and years reviewed are identified below.

Table 4: Aerial Photograph Summary

Year and Source	Summary of Information
1939 EDR	The site and surrounding properties appear to be used for agriculture, specifically orchards. There are no structures visible at the Site. There is a single-family home to the south of the Site.
1948 EDR	No significant changes to the Site were observed.
1950 EDR	No significant changes to the Site were observed.
1956 EDR	No significant changes to the Site were observed.
1963 EDR	Signs of grading operations and temporary structures are observed on the west side of the site. The east side of the site is still an agricultural use. Single family subdivisions have been constructed to the south and west of the site.

1968 EDR	A multiple story structure was constructed that appears to be Good Samaritan hospital. There is surface parking throughout. The eastern portion of the site is still an agricultural use. Properties to the west are developed into a commercial use.
1974 EDR	Further structural additions have been made to the hospital. The eastern portion of the site has been developed to an institutional use (athletic fields). Properties to the west are further developed.
1982 EDR	No significant changes to the Site were observed. Development offsite continues to expand. Grading for Highway 85 begins.
1993 EDR	The institutional use onsite has been converted to a commercial (office) use. The properties to the west are further developed. The properties to the east are developed as a residential use.
1998 EDR	No significant changes to the Site were observed. Surrounding properties continue to increase in density.

Kimley-Horn attempted to review reasonably ascertainable Sanborn Fire Insurance Maps for the Subject Property. EDR searched for available Sanborn Fire Insurance and stated that no coverage was available for the Subject Property. The no coverage letter is included in **Appendix D**.

Table 5.2-2 Historical City Directories Summary

Direction	Description
Subject Property	The address appears beginning in 1975. Listings associated with the Subject Property address include Good Samaritan Hospital (multiple departments), Athletic Rehabilitation Associates, Parenting & Breastfeeding Services, Bright Horizon Family Center, Columbia Rehabilitative Services. In 2020, individual doctor's names begin appearing with building permits.
North	There were no addresses east of the Subject Property listed in the historical city directories.
East	There were no addresses east of the Subject Property listed in the historical city directories.
South	Listed addresses to the south of the Subject Property include individuals, Arthroscopy and Sports Medicine, Samaritan Medical Lab, Radiological Associates Medical Group, Samaritan Ear, Nose and Throat Associates, California Skin Institute, Teen Therapy Center.
West	There were no addresses east of the Subject Property listed in the historical city directories.

5.3 REGULATORY RECORDS REVIEW

An environmental database search for the Subject Property and the surrounding area was performed by EDR, a contract information services company, using ASTM E1527-21 standard radii. The purpose of the records review was to identify RECs in connection with the Subject Property. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases. A copy of the EDR Database Report is attached in its entirety in **Appendix E**.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the Subject Property. The groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the Subject Property cannot be directly ascertained.

5.3.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate subject property boundaries (**Table 5.3-1**). Database definition, descriptions, and the database search report are included in **Appendix E**.

Table 5.3-1 Summary of Federal and State Database Results

Regulatory Agency Database	Search Distance (Miles)	Number of Sites
Federal Databases		
National Priority List (NPL)	1	4
Proposed NPL	1	0
NPL Liens	1	0
Delisted NPL	1	0
Federal Facility	0.5	0
Superfund Enterprise Management System (SEMS)	0.5	0
SEMS-ARCHIVE	0.5	0
Corrective Action Report (CORRACTS)	1	0
RCRA - Treatment, Storage and Disposal (RCRA-TSDF)	0.5	0
RCRA - Large Quantity Generators (RCRA-LQG)	0.25	1
RCRA - Small Quantity Generators (RCRA-SQG)	0.25	4
RCRA - Very Small Quantity Generators (RCRA-VSQG)	0.25	0

Land Use Control Information System (LUCIS)	0.5	0
Engineering Controls Sites List (US ENG CONTROLS)	0.5	0
Institutional Controls Sites List (US INST CONTROLS)	0.5	0
Emergency Response Notification System (ERNS)	Subject Property	0
State Databases		
Solid Waste Facilities/Landfill Sites (SWF/LF)	0.5	0
Leaking Underground Storage Tank Sites (LUST)	0.5	3
Leaking Petroleum Storage Tanks (LTANKS)	0.5	0
FEMA Underground Storage Tank Listing (UST)	0.25	0
UST	0.25	3
Registered Petroleum Storage Tanks (AST)	0.25	0
Engineering Controls Sites Listing (ENG CONTROLS)	0.5	0
Voluntary Remediation Program (INST CONTROL)	0.5	0
Voluntary Cleanup Program (VCP)	0.5	0
Brownfields Site Specific Assessments (Brownfields)	0.5	0

In addition to the above ASTM-required listings, Kimley-Horn reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in **Appendix E**.

Kimley-Horn's review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby facilities. To evaluate which of the adjoining and nearby facilities identified in the regulatory database report present an environmental risk to the Subject Property, Kimley-Horn considered the following criteria:

- The type of database on which the adjoining/nearby property is identified.
- The topographic position of the property relative to the Subject Property.
- The direction and distance of the identified facility from the Subject Property.
- Local soil conditions in the Subject Property area.
- The known and/or inferred groundwater flow direction in the Subject Property area.
- The status of the respective regulatory agency-required investigations and/or cleanup associated with the identified facility.

- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified facility and the Subject Property.

Only those facilities that are judged to present a potential environmental risk to the Subject Property and/or warrant additional clarification are further evaluated.

Table 5.3-2 Summary of Listed Facilities

Facility Name and Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Subject Property
Stanford Health Care	0.12 miles (WNW)	RCRA-LQG CERS HAZ WASTE CUPA SANTA CLARA HAZMAT	The identified listings are typical for medical uses, as they are related to typical materials used at an acute medical care facility. No violations were found associated with Stanford Health Care.
Santa Clara Valley MRI	0.12 miles (WNW)	RCRA-SQC	The identified listings are typical for medical uses, as they are related to typical materials used at an MRI facility. No violations were found associated with Santa Clara Valley MRI.
Northern California Heart Center	0.12 miles (WNW)	RCRA-SQC	The identified listings are typical for medical uses, as they are related to typical materials used at a medical care facility. No violations were found associated with the Northern California Heart Center.
Los Gatos Foot and Ankle Center	0.22 miles (NW)	RCRA-SQC	The identified listings are typical for medical uses, as they are related to typical materials used at a medical care facility. No violations were found associated with the Los Gatos Foot and Ankle Center.
Specialty Services- Los Gatos	0.22 miles (NW)	RCRA-SQC	The identified listings are typical for medical uses, as they are

			related to typical materials used at a medical care facility. No violations were found associated with the Specialty Services- Los Gatos.
Los Gatos Nissan	0.466 miles (WSW)	LUST	The identified listings are typical for auto service uses. No violations were found associated with Los Gatos Nissan. The case associated with the site was closed on January 17, 1992 with a No Further Action letter from the RWQCB documenting satisfactory site cleanup. The closed case is not considered a concern for the subject property.
Exxon	0.454 miles (N)	LUST	The identified listings are typical for gas stations uses. No violations were found associated with Exxon. The case associated with the site was closed on September 27, 2000 with a No Further Action letter from the RWQCB documenting satisfactory site cleanup. The closed case is not considered a concern for the subject property.

5.4 OTHER ENVIRONMENTAL RECORDS

Kimley-Horn reviewed information from the following agencies:

- EPA's Enforcement & Compliance History Online (ECHO)
- EPA's NEPAssist Database
- California State Water Resource Control Board (SWRCB) Geotracker

- California Department of Toxic Substance Control (DTSC) Envirostor
- USGS National Water Information System Database (NWIS)

Kimley-Horn reviewed the U.S. EPA's Environmental Compliance History Online (ECHO) and NEPAssist database for records of regulated facilities on and surrounding the subject property. The subject property was not identified in the ECHO as a regulated facility. No violations were issued associated with this listing. There were no regulated facilities noted with significant violations in the vicinity of the subject property.

Kimley-Horn reviewed the USGS NWIS database for records of well construction permit (WCP) on the subject property. Review of the available documentation did not identify public supply wells on the subject property. Review of the Santa Clark Valley Water District's database did show three active wells operating onsite. One well was identified for water production; the other two support the hospital's east and west elevators. Two additional wells were identified as destroyed.

5.5 VAPOR EVALUATION

The ASTM E 1527-21 document standardizes the terms release and migration consistent with those used in CERCLA and AAI. As such, potentially harmful vapors must be evaluated during the completion of a Phase I ESA.

Kimley-Horn performed a Tier 1 Vapor Encroachment Screening (VES) in accordance with E2600-15 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (2015) with the purpose of identifying if a Vapor Encroachment Condition (VEC) exists in association with the subject property. A VEC is defined as the presence or likely presence of contaminants of concern (COC) vapors in the subsurface of the subject property caused by a release of hazardous substances and/or petroleum compounds into soil and groundwater. Current and historical uses were evaluated within the Area of Concern (AOC) during the completion of the Tier 1 VES. As indicated in ASTM 2600-15, the radial distance of the AOC for non-petroleum hydrocarbon COCs (i.e., chlorinated VOCs) is 1/3-mile (1,760 ft.) and 1/10 mile (528 ft.) for petroleum hydrocarbons.

According to the reasonably ascertainable information reviewed during this screening process, Kimley-Horn has determined that a VEC does not exist within the specific radial distance. No vapor sampling was conducted in association with this VES and the subject property.

Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions

5.6 BUILDING DEPARTMENT/PROPERTY APPRAISER INFORMATION

Kimley-Horn did not obtain building records from the City of San Jose; however, Building Permit data was researched by EDR. EDR reported that accessed building permits from the City of San Jose. The report included building permit records from 1998 to 2023 ranging from electrical and mechanical upgrades to structural additions to the hospital campus.

Kimley-Horn reviewed reasonably ascertainable assessment information provided by the Santa Clara County Assessor's office. The Assessor's office valued the total real property across both parcels at $123,972,773 ($53,025,677 for land and $70,947,096 for improvements).

5.7 PRIOR REPORTS

Kimley-Horn was not provided any previous environmental reports for review; however, multiple reports were identified from agency review. The Subject Property is listed as a LUST case with a Site Case Closure dated January 21, 2000, from the Regional Water Quality Control Board (RWQCB). The following details records from the Case Closure Summary:

- Three USTs formerly operated within the Site including two 10,000-gallon and one 5,000-gallon diesel tanks, which were removed from the Site on June 8, 1999. The ancillary piping associated with the tanks was removed, and during excavation, the onsite inspector indicated a potential leak from the piping. Soil samples were taken at 3.8-feet below ground surface (bgs) and reported low concentrations of Total Petroleum Hydrocarbon- Diesel range (TPH-D) at 38.0 ppm (mg/kg) in with the vicinity of the UST piping. All USTs were intact upon removal.

- The Santa Clara Valley Water District did not indicate there was substantial evidence of a significant release and no corrective action was required for the former USTs or leaking pipe and indicated there was a low severity of contamination detected beneath the USTs. The site closure documentation was in concurrence with RWQCB, and San Jose Fire Department (CUPA).

6. INTERVIEWS

The objective of completing interviews with knowledgeable Subject Property contacts is to obtain information about the uses and physical characteristics of the property. The following individuals were interviewed regarding the current and historical use of the Subject Property.

Interviews

The subject property is owned by Good Samaritan Hospital of Santa Clara Valley. Kimley-Horn has discussed the property with Mr. Justin Wilchynski, Chief of Construction of Good Samaritan Hospital.

During the inspection, interviews were conducted with both Mr. Wilchynski and Mr. Robby Sayoya. Mr. Sayoya is the Plant Operations Engineer of Good Samaritan Hospital and provided knowledge of the Subject Property for over 10 years and considered the Key Site Manager. Key items discussed during the interview included:

- Location, storage and recycling processing for both hazardous and biohazardous materials associated with hospital operations.
- History of UST removal and installation along with reports from the RWQCB described in Section 5.7

6.1 STATE AND/OR LOCAL AGENCY INQUIRES

Table 6.1 Summary of State and/or Local Agency Inquires

Agency Contacted/	Contact Method/Date	Response
San Jose Building Department	Emailed 06/2023	Kimley-Horn submitted a Request to the San Jose Buildingdepartment. At the time of reporting a response was not received to the request for information. If Kimley-Horn does receive a response, and it changes the findings of the report, the client will be notified.
County of Santa Clara, Department of Planning and Development	Emailed 05/30/2023	Santa ClaraCounty providedseveral documents in response to the inquiry on 5/4/2023, responding to a request for records information. TheCounty provide official Notice of Inspection, California Environmental Reporting System (CERS) reports, and Business Documents from 2005 to 2023, which are included in **Appendix F**.
Department of Toxic Substance Control	Emailed 05/30/2023	The Department of Toxic Substance Control provided a report on May 2, 2023, responding to a request for records information on other DTSC unit's and State agencies to contact. If Kimley-Horn does receive a response, and it changes the findings of the report, the client will be notified. The online database system, Envirostor, was reviewed and information pertaining to the Site. No cleanup sites were identified within 1000 feet of the property.

California Regional Water Quality Control Board (RWQCB) – San Francisco Bay Region	Emailed 5/30/2023 and Online records search	Kimley- Horn submitted a Request to the RWQCB and did not respond to the request for information. If Kimley-Horn does receive a response, and it changes the findings of the report, the client will be notified. The RWQCB's online database system, Geotracker, was reviewed and information pertaining to the Site is documented within Section 5.3.1. of this report. .
County of Santa Clara Fire Department (CUPA)	Online records request 9/4/2023	Kimley-Horn submitted a Public Records Act Request to the County of Santa Clara Fire Department. The County CUPA returned records for the current USTs, Notice of Inspections, which are filed within Appendix F
Department of Toxic Substances Control (DTSC)	Emailed 05/30/2023	The Department of Toxic Substance Control provided a report on May 2, 2023, responding to a request for records information on other DTSC unit's and State agencies to contact with no records. The online database system, Envirostor, was reviewed and information pertaining to the Site. No cleanup sites were identified within 1000 feet of the property
Santa Clara County Department of Environmental Health	Emailed 05/2023	Kimley Horn submitted a Request to Santa Clara Department of Environmental Health. At the time of reporting a response was not received.
Well Finder (Well Star)	Online search	Kimley-Horn reviewed the online WellStar website, and no oil or gas wells were observed within the Subject Property.

7. FINDINGS AND OPINIONS

The logic and reasoning used by the environmental professional in evaluating information collected during the course of the assessment related to findings shall be discussed. The opinions shall specifically include the environmental professional's rationale for concluding that a finding is or is not a recognized environmental condition, controlled recognized environmental condition, historical recognized environmental condition, or de minimis condition insofar as the findings pertain to each of these conditions.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 for the 9.0-acre property located at 2333 and 2425 Samaritan Drive, San Jose, California (subject property). Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECS)

A recognized environmental condition (REC) is defined in the ASTM Standard as the presence or likely presence of a hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. This assessment has not revealed evidence of recognized environmental conditions connected with the Subject Property.

7.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

A CREC is a recognized environmental condition that is being appropriately characterized and remediated in accord with, and under the supervision of, authorized governmental agency charged with oversight of such recognized environmental condition. This assessment has not revealed evidence of controlled recognized environmental conditions connected with the Subject Property.

7.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

A historical REC (HREC), as defined in the ASTM Standard, is a past release of any hazardous substance and/or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria. This assessment has not revealed evidence of historical recognized environmental conditions connected with the Subject Property except the following:

> HREC 1: The subject property is listed as a LUST case with a Site Case Closure dated January 21, 2000, from the Regional Water Quality Control Board (RWQCB) in association with a piping leak from former USTs operations on site. Three USTs formerly operated within the Site, consisting of two 10,000-gallon and one 5,000-gallon diesel tanks, which were removed on June 8, 1999. Soil samples were taken at 3.8-feet below ground surface (bgs) adjacent to the piping and reported low levels of Total Petroleum Hydrocarbon- Diesel range (TPH-D) at 38.0 ppm (mg/kg) in the vicinity of the UST piping. The detection reported is below current RWQCB-San Francisco Region Environmental Screening Levels (ESLs) for TPH-D in commercial/industrial soil, which is 1,200 mg/kg. All USTs were intact upon removal and properly disposed of offsite. The RWQCB issued a "no further action" determination concerning the former USTs on January 21, 2000. The former LUST case with regulatory closure is considered a HREC. Based on the results of confirmation soil sampling, which identified only low concentrations of TPH-D, and the

closed regulatory status of the UST case, the former USTs are not an environmental concern to the subject property and Kimley-Horn recommends no further investigation.

7.4 *De minimis* Condition

De minimis conditions are defined as conditions that generally do not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not RECs nor CRECs.

DMC 1: A 55-gallon drum of a Class 3 hazard (hazard constituents included acetic acid, acetone, chloroform, ethyl alcohol, hydrochloric acid, and isopropanol) was observed. The 55-gallon drum was not housed within secondary containment at the time of the inspection. All materials within the hazardous materials storage area should have secondary containment.

DMC 2: Three 5-gallon and 15-gallon containers of refrigerant were observed stored outside behind a pad-mounted transformer on top of a gravel base. One drum contained fluid. No staining was visible in the vicinity of the drums. The unlabeled containers are considered a *de minimis* condition and should be properly disposed of from the property.

7.5 BUSINESS ENVIRONMENTAL RISK

A Business Environmental Risk (BER), as defined in the ASTM Standard, is a risk which can have a material environmental or environmentally-driven impact on the business associated with the use of a commercial site, and which does not require further investigation to the same degree as a REC. Kimley-Horn did not identify areas of potential concern associated with business environmental risks in connection with the Subject Property during the completion of this Phase I ESA with the exception of the following:

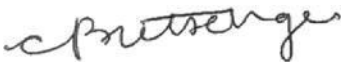
BER 1: Previous agricultural use of the subject property identified during the review of historical aerial photography is a BER. The legal and routine application of herbicides, pesticides, and fertilizers while the subject property was used for agricultural purposes may have resulted in localized impacts to shallow site soils. Given the length of time since agricultural operations have occurred, and the absence of any documentation suggesting pesticides and herbicides were stored or mixed on the subject property, the presence of pesticides and herbicides are not a REC. However, since the property is developed with asphalt or building structures covering the surface of the subject property, there is not a direct exposure pathway imposing risk for human health. Per the ASTM standard, the standard application of herbicides, pesticides, and fertilizers does not constitute a release or materially threat of release, therefore, this is a BER.

BER 2: Currently, two USTs containing diesel fuel are located within the subject property and actively used as back-up fuel for generators. Both tanks were installed after 2000, and 20,000-gallon in size. See Section 4.2 for additional review of the USTs. Based on Figure 3 Proposed Project Build Out Conceptual Site Plan dated September 2023, current redevelopment includes construction of additional building within the footprint of the current USTs. The USTs should be removed after approval from Santa Clara County Hazardous Materials Compliance Divisions (HMCD) and completion of an UST System Closure Permit Application. Closure will consist of tank removal, and ancillary piping along with soil sampling to ensure no residual leaks from operating the tank system. Tank and sump removal and sampling activities must be witnessed by a representative from HMCD.

8. DECLARATION

8.1 STATEMENT OF COMPLIANCE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. Environmental Professional resume(s) are included in **Appendix G**.



Cassie Bretschger, M.S., ENV-SP
Environmental Professional

9. REFERENCES

American Society for Testing and Materials, 2021, ASTM 1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

American Society for Testing and Materials, 2022, ASTM E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.

California Department of Conservation – Geologic Energy Management Division Well Finder (CalGEM) website: https://maps.conservation.ca.gov/doggr/wellfinder/, Accessed September 19, 2023.

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APPENDIX K

WATER SUPPLY ASSESSMENT

SAN JOSE WATER

WATER SUPPLY ASSESSMENT

GOOD SAMARITAN HOSPITAL PROJECT

July 2023

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SAN JOSE WATER

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Established in 1866, San Jose Water (SJW) is one of the largest privately owned water systems in the United States, providing high-quality water and exceptional service to approximately one million residents of Santa Clara County.

Background & Purpose

This Water Supply Assessment (WSA) was requested on June 9, 2023 by City of San José (City) and is associated with the proposed Good Samaritan Hospital Project (Project). The approximately 20-acre project site is located on two parcels, 2425 Samaritan Drive and 2333 Samaritan Place, in San José, Santa Clara County. The project proposes to rezone the project site to a Commercial General Planned Development Zoning District to allow for the expansion of the existing Good Samaritan Hospital. Seismic compliance for acute hospital requirements under Senate Bill (SB) 1953 is the Project's primary purpose.

Existing Conditions

The existing hospital is approximately 444,000 square feet and is licensed for 404 beds, separated into two wings: the main building with emergency operations totaling approximately 359,000 square feet (Building A) and a women's and children's services wing totaling approximately 85,000 square feet (Building B). There is also a 6,700 square foot daycare center and a heliport on site.

Phase 1

Phase 1 would demolish 5,200 square feet of the existing hospital main building (Building A) to construct a new SPC 5 rated 260,000 square foot hospital wing (Building C) and demolish the existing 6,700 square foot day care center to partially construct four of the six stories of a parking garage (Garage East).

Phase 2

Phase 2 would construct an approximately 455,000 square foot hospital wing (Building D), an approximately 200,000 square foot medical office building (Building E), a five-story garage structure (Garage West) and construct the remaining two levels of Garage East. The Emergency Room and Heliport would also be moved to Building D, and an additional heliport would be constructed.

Phase 3 (Optional)

If Phase 3 is undertaken, Building A would be demolished and replaced with approximately 355 surface and one level of subterranean parking stalls (Subterranean Garage). This WSA assumes Building A remains.

This WSA describes the relationship between existing and future water supplies and presents SJW's ability to provide a diverse water supply to match build-out water demands under both normal and dry years. This supply consists of treated surface water from Valley Water's local and imported supplies, groundwater, local surface water from Saratoga Creek and Los Gatos Creek watersheds, and non-potable

recycled water. Based on water supply projections reported in Valley Water's 2020 Urban Water Management Plan,[1] conservation methods currently employed, and SJW's active commitment to these methods, SJW expects to be able to meet the needs of the service area through at least 2045 for average and single-dry years without a call for mandatory water use reductions.[2] This assumes reserves are at healthy levels at the beginning of the year and that projects and programs identified in Valley Water's Water Supply Master Plan 2040 (WSMP 2040)[3] are implemented.

In multiple-dry year periods, there may be up to a 20 percent mandatory call for conservation to meet supply deficits. Valley Water has established a level of service goal to provide 100 percent of annual water demand during non-drought years and 80 percent during drought years, to minimize shortages and mandatory water use reductions during droughts while preventing overinvestment in water supply projects. SJW is committed to actively working with Valley Water in the development of water supply projects and programs. Projects and programs may include additional long-term water conservation savings, water recycling, recharge capacity, stormwater runoff capture, reuse, out of area water banking, and storage.

This WSA is written in response to California Senate Bill 610 (SB 610) and Senate Bill 221 (SB 221); legislation which requires water retailers to demonstrate whether their water supplies are sufficient for certain proposed subdivisions and large development projects subject to the California Environmental Quality Act. SB 610 includes the requirements for detailed water supply assessments and SB 221 includes the requirement for written verification of sufficient water supply based on substantial evidence. SB 610 requires that a WSA be prepared by the local water retailer and submitted within 90 days to the requesting agency. SJW's adoption and submittal of this assessment does not create a right or entitlement to water service or impose or expand SJW's obligation to provide water service. The City of San José has an independent obligation to assess the sufficiency of water supply for this project. SB 610 provides that the City of San José is to determine, based on the entire record, whether projected water supplies will be sufficient to satisfy the demands of the proposed project, in addition to existing and planned future uses.

Service Area & Population

SJW's service area spans 139 square miles, including most of the cities of San José and Cupertino, the entire cities of Campbell, Monte Sereno, Saratoga, the Town of Los Gatos, and parts of unincorporated Santa Clara County.

[1] https://www.valleywater.org/your-water/water-supply-planning/urban-water-management-plan
[2] San Jose Water 2020 Urban Water Management Plan
[3] https://www.valleywater.org/your-water/water-supply-planning/water-supply-master-plan

The population of SJW's service area, including growth associated with this Plan Area, is shown in the following table. These projections are based on the Association of Bay Area Governments (ABAG) population projections and were included in SJW's 2020 Urban Water Management Plan.

Table 1. Current and Projected SJW Service Area Population

2020	2025	2030	2035	2040	2045
997,817	1,069,633	1,127,593	1,191,337	1,261,145	1,335,044

Climate

Santa Clara County experiences cool, wet winters and warm, dry summers. From 1950-2020, the county received an annual average precipitation total of 23.2 inches. Most precipitation in the region occurs between the months of November and April. Temperature is typically moderate. Maximum monthly average temperatures range from 55.7°F to 83.4°F. Minimum monthly average temperatures range from 37.9°F to 56.6°F. The annual average evapotranspiration rate is 49.6 inches.[4] Summarized temperature and precipitation data is presented in Chart 1.

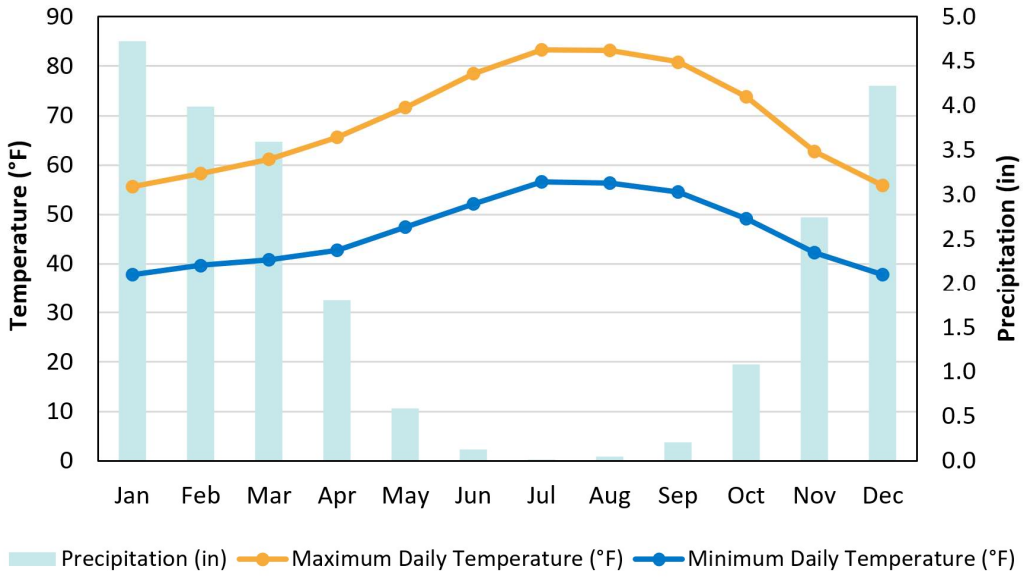


Chart 1. Historical Average Monthly Temperature and Precipitation (1950-2020)

[4] Rainfall and temperature data provided by National Oceanic and Atmospheric Administration. Evapotranspiration data comes from California Irrigation Management Information System (Archived San José Station).

Past, Current, and Future System Water Use

The majority of connections to SJW's distribution system are either residential or commercial. SJW also provides water to industrial, institutional, landscape, and governmental connections. Projections from ABAG analyzing the share of single-family versus multi-family development units within SJW's service were used to determine single- and multi-family demand split within the residential sector. The resale category represents the small mutual water companies, in which SJW provides a master water service and where the mutual water company is responsible for distributing the water.

SJW has developed demand projections from 2025 to 2045 based on population and per capita usage projections. ABAG census tract population projections were used to estimate population growth. Daily per capita water usage for SJW's service area in 2020 was 108 gallons per capita per day (gpcd). It was assumed that all developments after 2020 would require high water efficiency fixtures. Therefore, a lower daily per capita water use of 75 gpcd across all water sectors was applied to new population growth after 2020. For the existing 2020 population, it was assumed that the 108 gpcd from 2020 to 2025 would increase slightly by 1 percent per year, based on the rebounds in demand that have been observed following the past drought. Following the start of compliance with State conservation mandates (SB 606 and Assembly Bill 1668) in 2025, per capita water use is expected to decrease. It was assumed that the per capita water use for the existing population would experience a decline of 0.8 percent per year from 2025 to 2045.

SJW's total demand includes water losses, which are separated into two categories: apparent losses and real losses. Apparent losses include all types of inaccuracies associated with customer metering as well as data handling errors. Real losses are physical water losses from the pressurized system and the utility's storage tanks, up to the customer meter. These can include lost water through leaks, breaks, and overflows.

Across the last five water loss audits that have been validated and submitted to Department of Water Resources (DWR), SJW water loss is, on average, 7.5 percent of potable water supplied. SJW's distribution system has had consistently low water losses due to SJW's proactive approach to reducing leaks, including investments in acoustic leak detection technology and a water main replacement program that prioritizes pipelines for replacement based on their propensity to leak.

Table 2. Demands for Potable and Non-Potable Water (excluding Recycled Water) (AF/yr)

Customer Type	2020	2025	2030	2035	2040	2045
Single Family	59,497	53,877	53,877	54,187	54,411	54,550
Multi Family	24,744	35,255	35,255	35,308	36,161	36,959
Commercial	14,255	18,073	18,073	18,146	18,364	18,551
Industrial	528	718	718	721	730	737
Institutional/ Governmental	5,183	6,607	6,607	6,635	6,715	6,785
Landscape	7,353	7,964	7,964	7,994	8,093	8,176
Sales / Transfers / Exchanges	522	568	568	571	580	586
Other Potable[(a)]	344	417	417	417	420	424
Water Losses	9,078	9,296	9,296	9,332	9,443	9,541
Total	**121,504**	**132,776**	**132,776**	**133,312**	**134,918**	**136,308**

[(a)]Other potable includes portable meter and unbilled unmetered use. Unbilled unmetered use includes use for construction activities, tank/reservoir cleaning, irrigation at SJW stations, hydrant testing, meter testing, etc.

Estimated Project Water Use

Total water usage for the Project is estimated at 288,000 gallons per day (gpd), which is equivalent to an annual usage of about 322 acre-feet of water. The sites have an existing water usage of 106 acre-feet per year. Therefore, the annual net demand increase in water usage associated with this project is 216 acre-feet and represents a 0.18 percent increase over the system wide 2020 water production of 121,504 acre-feet. The projected water demand for the Project is within normal growth projections for water demand in SJW's system.

Table 3. Total Water Demand Estimated for the Project

Average Annual Demand 2019-2022 (gpd)	Total Existing Square Footage (SF)	Project Demand (gpd/SF) [(a)]	Total Proposed Square Footage (SF)	Net Project Demand (AF/yr)
94,920	444,000	0.214	1,347,100	216

[(a)]Billing data from 2019 to 2022 was analyzed to develop a project demand factor of 0.214 gpd/sf for the existing hospital square footage.

System Supplies

This section describes and quantifies the current and projected sources of water available to SJW. A description and quantification of recycled water supplies is also included.

Imported Treated Surface Water – On average, purchased water from Valley Water makes up over half of SJW's total water supply. This water originates from several sources including Valley Water's local reservoirs, the State Water Project and the federally funded Central Valley Project San Felipe Division. Water is piped into SJW's system at various turnouts after it is treated at one of three Valley Water-operated water treatment plants. In 1981, SJW entered into a 70-year master contract with Valley Water for the purchase of treated water. The contract provides for rolling three-year delivery schedules establishing fixed quantities of treated water to be delivered during each period. SJW and Valley Water currently have a three-year treated water contract for fiscal years 2020/2021 – 2022/2023, with contract supplies of 70,723 AF in 2020/2021, 70,723 AF in 2021/2022, and 71,858 AF in 2022/2023. The actual amount of water delivered depends on considerations including hydrologic variability, interruptions in Valley Water facility operations, and water quality.

Groundwater – SJW draws water from the Santa Clara Subbasin, which is part of the larger Santa Clara Valley Basin. The Santa Clara Subbasin consists of unconsolidated alluvial sediments and covers a surface area of 297 square miles in the northern part of Santa Clara County. The subbasin is not adjudicated. Valley Water is responsible for maintaining the subbasin and ensuring the subbasin does not become overdrafted. Aquifers in the subbasin are recharged naturally by rainfall and streams and artificially mainly by recharge ponds operated by Valley Water. Due to different land use and management characteristics, Valley Water further delineates the Santa Clara Subbasin into two groundwater management areas: the Santa Clara Plain and Coyote Valley. SJW draws groundwater from the Santa Clara Plain portion, which covers a surface area of 280 square miles and has an operational storage capacity estimated to be 350,000 AF.

Chart 2 shows groundwater elevation in the Santa Clara Plain since the mid 1930's using well surface elevation as the datum. Although groundwater levels declined during the recent 2012-2016 drought,

groundwater levels in the Santa Clara Subbasin quickly recovered after the drought due largely to Valley Water's proactive response and comprehensive water management activities.

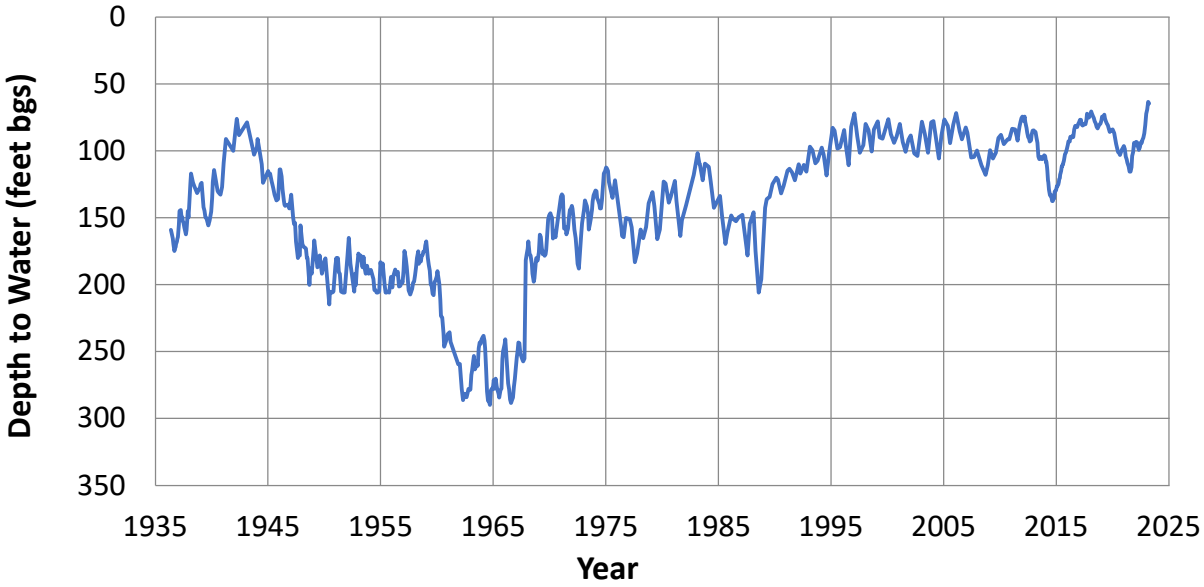


Chart 2. Groundwater Elevation in Santa Clara Subbasin (Well ID: 07S01W25L001)

On average, groundwater from the subbasin accounts for 30 to 40 percent of SJW's total water supply. The following table shows the groundwater SJW pumped from 2016 to 2020.

Table 4. Amount of Groundwater Pumped by SJW (AF/yr)

Basin Name	2016	2017	2018	2019	2020
Santa Clara Subbasin	32,644	42,194	36,075	32,825	53,276
Groundwater as a percent of total potable water supply	31%	37%	31%	28%	43%

Surface Water – SJW has "pre-1914 water rights" to surface water in Saratoga Creek, Los Gatos Creek, and associated watersheds, totaling approximately 72 million gallons per day, based on capacity of diversion works from Initial Statements of Water Diversion and Use. SJW also filed for licenses in 1947 and was granted license number 4247 in 1956 by SWRCB to draw 1419 AF/year (462 MG/year) from

Saratoga Creek, and license number 10933 in 1979 to draw 6,240 AF/year (2,033 MG/year) from Los Gatos Creek.

Recycled Water – South Bay Water Recycling (SBWR) has been serving Silicon Valley communities since 1993 with a sustainable, high-quality recycled water supply. SBWR was created to reduce the environmental impact of freshwater effluent discharge into the salt marshes located at the south end of the San Francisco Bay, and to help protect the California clapper rail and the salt marsh harvest mouse.

In 1997, SJW entered into a Wholesaler-Retailer Agreement with the City of San José to provide recycled water to SJW's existing and new customers nearby SBWR recycled water distribution facilities; whereas, the City of San José is the wholesaler and SJW is the retailer. At the time, the involvement of SJW was largely to assist the City in meeting its wastewater regulatory obligations. In accordance with the terms of this agreement, SJW allowed SBWR to construct recycled water pipelines in its service area, SJW would only own the recycled water meters, while SBWR would own, operate, and maintain the recycled water distribution system.

In 2010, this Wholesaler-Retailer Agreement was amended to allow SJW to construct recycled water infrastructure that would be owned, operated, and maintained by SJW. Then in 2012, this Wholesaler-Retailer Agreement was again amended to allow SJW to construct additional recycled water infrastructure.

Summary of Existing and Planned Sources of Water – SJW and Valley Water have worked to develop a variety of local and imported water supplies to meet demands. As demands increase with the region's growth, and imported water supplies potentially become more restricted, these planned supplies will increase in importance. In particular, groundwater, which has historically been a vital source of supply for SJW, was all the more critical during the recent drought. The following table shows the actual amount of water supplied to SJW's distribution system from each source in 2020 as well as projected amounts until 2045.

Table 5. Current and Projected Water Supplies[(a)] (AF/yr)

	2020	2025	2030	2035	2040	2045
Valley Water Treated Water	64,290	76,799	76,713	77,041	78,023	78,877
SJW Groundwater	53,276	48,623	48,568	48,777	49,400	49,937
SJW Surface Water	3,937	7,494	7,494	7,494	7,494	7,494
Recycled Water	2,449	2,731	3,100	3,649	3,661	3,649
Total System Supply	**123,952**	**135,648**	**135,875**	**136,961**	**138,579**	**139,957**

[(a)]Projected surface water supply volume held constant at the 10-year production average (2011-2020). Remaining potable demands made up by purchased water and groundwater, based on the 10-year historical average (2011-2020) of distribution between these two sources of supply. Projected recycled water supplies are based on projected recycled water demands.

Water Supply Vulnerability

SJW has identified multiple sources of water for the Project, which would provide a high quality, diverse and redundant source of supply. For added backup, SJW incorporates diesel-fueled generators into its facilities system, which will operate wells and pumps in the event of power outages. Since Valley Water influences on average about 90 percent of SJW's annual water supply, SJW will continue to work with Valley Water to ensure its water supply is reliable, while the impact to the existing Santa Clara Subbasin is minimal.

Transfer and Exchange Opportunities

SJW's distribution system has interties with the following retailers: California Water Service Company (Los Altos District), City of San José Municipal Water, City of Santa Clara, City of Sunnyvale, City of Milpitas, and Great Oaks Water. SJW currently has no plans to use these interties for normal system operation as they are exclusively used for potential emergencies.

Water Supply Reliability

SJW has three sources of potable water supply: purchased water, groundwater, and local surface water. These three sources of supply are constrained in one or more ways, driven by legal, environmental, water quality, climatic, and mechanical conditions. Additionally, there is a potential for interruption of supply caused by catastrophic events.

Purchased Water Supply Reliability – SJW relies on Valley Water for purchased water supplies, which make up over half of SJW's total water supplies. Constraints to purchased water supplies from Valley Water include climate change impacts, reductions in imported water supplies, and threats to infrastructure, as detailed below.

- *Climate Change* – Climate change is anticipated to result in warming temperatures, shrinking snowpack, increasing weather extremes, and prolonged droughts. Valley Water's water supply vulnerabilities to climate change include decreases in the quantity of Delta-conveyed imported water supplies, decreases in the ability to capture and use local surface water supplies due to shifts in the timing and intensity of rainfall and runoff, increases in irrigation and cooling water demands, decreases in water quality, and increases in the severity and duration of droughts.
- *Reductions in Imported Water Supplies* – Valley Water's State Water Project and Central Valley Project water supplies are also subject to a number of additional constraints, including conveyance limitations and regulatory requirements to protect fisheries and water quality in the Delta. Delta-conveyed supplies are also at risk from Delta levee failures due to seismic threats and flooding, sea level rise and climate change, declining populations of protected fish species, and water quality variations (including algal blooms). Many water quality variations are addressed by blending sources and/or switching sources to Valley Water's three water treatment plants. Algae and disinfection byproduct precursors have been especially challenging during recent drought conditions.
- *Threats to Infrastructure* – Valley Water's imported supply infrastructure must travel large distances to reach turnouts. As California is a seismically active state, infrastructure could be damaged and the result would be a disruption to water supply availability. California's water supply infrastructure is also potentially a target for acts of terrorism.

SJW actively worked with Valley Water during the development of their WSMP 2040 to ensure the following principles were considered:

- Promotion of additional sources of local water supply, such as indirect potable reuse, direct potable reuse, desalination, additional conservation, and an expanded recycled water distribution system
- Coordination of operations with all retailers and municipalities to ensure as much surplus water as possible is available for use in dry years
- Pursuit of innovative transfer and banking programs to secure more imported water for use in dry years

Valley Water's previous call for a 30 percent reduction during the 2012-2016 drought highlights that more investments in local water sources are necessary to ensure a reliable source of supply during multiple-dry water years. Valley Water plans short- and long-term investments with the goal of requiring no more than a 20 percent water use reduction from the community during a multi-year drought as outlined in its 2040

Water Supply Master Plan. Valley Water has sources of backup supply outside the County and has always relied on multiple supply sources, such as imported water contracts, to supplement existing long-term resources when necessary.

Groundwater Supply Reliability – Groundwater supplies are often a reliable supply during normal and short-term drought conditions because supplies are local and large aquifer storage capacity means that groundwater supplies will still be available when surface flows become limited. However, groundwater supply availability can become threatened when overdraft occurs and when recharge and inflow decrease. Water quality is another potential constraint of this source of supply. Threats to groundwater supplies are detailed below.

- *Overdraft* – Under extended supply pressures, groundwater basins can enter overdraft conditions, which can have a series of consequences including land subsidence. Threat of overdraft conditions were witnessed in the recent 2012-2016 drought when groundwater levels declined. However, groundwater levels in the Santa Clara Subbasin quickly recovered after the drought due to Valley Water's proactive response.
- *Climate Change* – Climate change could increase the potential for overdraft by increasing demand, reducing other sources of supply, and reducing natural recharge and inflows from surface water and precipitation.
- *Regional Growth* – Population growth could increase demands on groundwater supplies, potentially creating risk of overdraft. Regional growth could also increase the amount of contaminants entering groundwater basins as a result of increased urban runoff or industrial or other activities. Growth can also impact recharge areas by expanding impervious surfaces into areas that would otherwise represent entry points for surface water recharging local aquifers.
- *Aging Infrastructure and High Land Costs* – In 2020, SJW prepared a Groundwater Well Asset Management Plan. Findings from the plan showed that SJW's groundwater well system is vulnerable due to the age of the well infrastructure. Two-thirds of the wells are 50 years or older and were installed with low carbon steel casing using a cable tool drilling method. A low carbon steel casing is susceptible to corrosion and damage in the event of an earthquake. Furthermore, many of SJW's older cable tool drilled wells were installed without sanitary seals as newer wells are, and as such, are more vulnerable to acting as conduits for downward migration of surface contaminants into the aquifer. Space for replacement wells at SJW's existing groundwater stations is limited, and thus, the majority of future wells will need to be located on new properties. However, favorable sites are limited, as they must meet certain production yield and water quality requirements. Furthermore, land prices in the Bay Area are high and present another challenge for SJW to address its aging well infrastructure.
- *Water Quality* – The presence of per- and polyfluoroalkyl substances (PFAS) in groundwater supplies is prompting interest and concern nationwide. Out of an abundance of caution, SJW has been proactively notifying customers and, when possible, removing wells from service where

PFAS has been detected above the State-defined Notification Levels. SJW recently completed a study to evaluate PFAS treatment at one of its largest wellfields. This project has now moved into the detailed design phase. In addition, because SJW depends on multiple sources of supply that use different disinfectants, maintaining a stable disinfectant residual is problematic when system operations require the blending of chlorinated water with chloraminated water to meet demands. Blending sources, depending on each source's volume and residual concentration, can result in the loss or significant decrease in disinfectant residual levels.

The Santa Clara Subbasin is able to store the largest amount of local reserves and Valley Water, as the groundwater management agency for Santa Clara County, is tasked with maintaining adequate storage in this basin to optimize reliability during extended dry periods. As groundwater is pumped by SJW and other retailers and municipalities in Santa Clara County, Valley Water influences groundwater pumping reductions and thus reliability through financial and management practices to protect groundwater storage and minimize the risk of land subsidence.

Local Surface Water Supply Reliability – Local surface supplies are highly variable depending on hydrologic conditions. In years of limited local surface water supplies, SJW relies more heavily on groundwater. Threats to local surface water supplies are detailed below.

- *Climate Change* – SJW's local surface water supplies are subject to the same climate change impacts as Delta-conveyed supplies and Valley Water's local surface water supplies, which can result in decreased surface water supplies. During heavy rain events, the quantity of surface water that can be conveyed and treated may be limited by the raw water system hydraulics, high turbidity levels, and WTP capacity. Increased weather extremes and changing precipitation patterns as a result of climate change may prevent surface water supplies from being fully utilized during heavy rain events, and may result in lower surface water supplies during other times of the year.
- *Environmental Regulations* – SJW has bypass flow requirements at its surface water reservoirs and intakes. These requirements establish flow rates that must be released past diversion points to preserve downstream habitat. SJW also maintains minimum levels in reservoirs for habitat preservation. These environmental regulations limit the amount of surface water that SJW is able to divert for water supply.
- *Water Quality* – SJW owns approximately 6,000 acres of land in the watersheds and manages these watershed lands to protect water supplies**.** Contamination of surface water supplies from upstream activities (animal grazing, residential septic systems, stormwater runoff) is a potential threat, although a low one as there is limited development in the watershed.
- *Aging Infrastructure* – Some of SJW's raw water infrastructure was constructed in the late 1800s or early 1900s and is in need of renewal to ensure reliability of surface water supplies.

Supply Reliability by Type of Water Year – Valley Water's Urban Water Management Plan identified average, single-dry, and multiple-dry years for water supply reliability planning. According to Valley Water, these years correspond to:

- Average Year (1922-2015): Average supply over the 94 years of 1922-2015.
- Single-Dry Year (1977): Within the historic hydrological record, this was the single driest year.
- Multiple-Dry Years (1988-1992): The 2012-2016 drought was the most recent multiple dry year period that put severe strain on Valley Water's supplies. However, because imported water allocations are not currently available for the 2012-2016 drought from DWR's modeling, Valley Water used the 1988-1992 drought, another severe multiple year drought in the historic hydrological record.

Water supplies presented below are based on Valley Water's Water Evaluation and Planning system model. According to Valley Water, this model simulates their water supply system comprised of facilities to recharge the county's groundwater basins, local water systems including the operation of reservoirs and creeks, treatment and distribution facilities, and raw water conveyance systems. The model also accounts for non-Valley Water sources and distribution of water in Santa Clara County such as imported water from San Francisco Public Utilities Commission, recycled water, and local water developed by other agencies.

Table 6. Basis of Water Year Data

Year Type	Base Year	% of Average Supply
Average Year	1922-2015	100%
Single-Dry Year	1977	80%
Multiple-Dry Years 1st Year	1988	78%
Multiple-Dry Years 2nd Year	1989	83%
Multiple-Dry Years 3rd Year	1990	77%
Multiple-Dry Years 4th Year	1991	78%
Multiple-Dry Years 5th Year	1992	77%

Average Water Year – The average water year represents average supply over the hydrologic sequence of 1922 through 2015. SJW anticipates adequate supplies for years 2025 to 2045 to meet system demand under average year conditions.

Table 7. Supply and Demand Comparison – Average Water Year (AF/yr) [(a)]

	2025	2030	2035	2040	2045
Demand	135,648	135,875	136,961	138,579	139,957
Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
Demand Met by Conservation	0	0	0	0	0

[(a)]Includes demands associated with the Project.

Single-Dry Water Year – The single-dry year was the year with the lowest amount of total supply. Table 10 shows that supplies, with the use of reserves, can meet demands during a single-dry year through 2045, assuming reserves are at healthy levels at the start of a year and projects and programs identified in Valley Water's WSMP 2040 are implemented. If reserves are low at the beginning of a single-dry year, Valley Water may call for water use reductions in combination with using reserves. As later discussed within the Water Demand Management Measures section, SJW has filed with the California Public Utilities Commission (CPUC) water-waste provisions promoting conservation that would go into effect during a drought. These provisions would result in a reduction in anticipated demand due to conservation such that demand equals available water supplies.

Table 8. Supply and Demand Comparison – Single-Dry Water Year (AF/yr) [(a)]

	2025	2030	2035	2040	2045
Demand	135,648	135,875	136,961	138,579	139,957
Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
Demand Met by Conservation	0	0	0	0	0

[(a)]Includes demands associated with the Project.

Multiple-Dry Water Years – The multiple-dry year period used in this analysis assumes a repetition of the hydrology that occurred in 1988 to 1992. During multiple-dry year droughts, a call for up to mandatory 20 percent conservation may be needed. Valley Water will continue to work on reducing multiple-dry year deficits by securing more reliable and/or diverse water supplies.

Valley Water has established a level of service goal of 100 percent during non-drought years and 80 percent during drought years to minimize water rates, and thus there can be up to a 20 percent call for mandatory conservation to meet this deficit (or more short-term conservation until additional water supplies are secured). Over the next 20 – 30 years, Valley Water is pursuing over $1 billion in water supply projects to meet the 80 percent level of service goal for all drought years.

Table 9: Supply and Demand Comparison – Multiple-Dry Water Years (AF/yr)[(a)(b)]

		2025	2030	2035	2040	2045
First Year	Demand	135,648	135,875	136,961	138,579	139,957
	Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
	Demand Met by Conservation	0	0	0	0	0
Second Year	Demand	135,648	135,875	136,961	138,579	139,957
	Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
	Demand Met by Conservation	0	0	0	0	0
Third Year	Demand	135,648	135,875	136,961	138,579	139,957
	Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
	Demand Met by Conservation	0	0	0	0	0
Fourth Year	Demand	135,648	135,875	136,961	138,579	139,957
	Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
	Demand Met by Conservation	0	0	0	0	0
Fifth Year	Demand	135,648	135,875	136,961	138,579	139,957
	Demand Met by Water Supply	135,648	135,875	136,961	138,579	139,957
	Demand Met by Conservation	0	0	0	0	0

[(a)]Includes demands associated with the Project.

[(b)]Table 9 is solely based on SJW's Urban Water Management Plan, which follows State requirements and utilizes Valley Water estimates, which may not reflect actual water supply and demand conditions.

Regional Supply Reliability – Valley Water's Ensure Sustainability water supply strategy has three key elements:

1. Secure existing supplies and facilities
2. Optimize the use of existing supplies and facilities
3. Expand water use efficiency efforts

As part of this strategy, Valley Water's WSMP 2040 includes developing at least 24,000 AF/yr of additional recycled water (above and beyond the current target of 33,000 AF/yr of non-potable reuse) by 2040. Developing these local sources and managing demands reduces reliance on imported water supplies. In addition, Valley Water is working with multiple water agencies to investigate regional opportunities for collaboration to enhance water supply reliability, leverage existing infrastructure investments, facilitate water transfers during critical shortages, and improve climate change resiliency. Projects to be considered will include interagency interties and pipelines; treatment plant improvements and expansion; groundwater management and recharge; potable reuse; desalination; and water transfers. This program may result in the addition of future supplies for Valley Water.

Water Demand Management Measures

SJW is a signatory of the California Urban Water Conservation Council (CUWCC) and signed the CUWCC Memorandum of Understanding (MOU) in February 2006. The CUWCC is a partnership of water suppliers, environmental groups, and others interested in California water supply who have come together to agree on a set of Best Management Practices (BMPs) for water conservation in the state. Additionally, SJW has its own water-waste provisions that come into effect when there is a water shortage. The CPUC has set forth the rules regarding water waste and water shortages governing investor owned utilities such as SJW. The CPUC rule relating to this is Rule 14.1.[5] This rule states that when there is a low-level water shortage that prompts a call for voluntary conservation by customers, a list of water-waste provisions goes into effect. Rule 14.1 also has provisions for high-level water shortages when mandatory conservation measures are deemed necessary.

SJW provides a full range of water conservation services to customers. The cornerstone of SJW's conservation programs is the CATCH program. The CATCH program empowers customers to understand and optimize their water use. With this free program, a water efficiency expert will check for customer leaks and recommend critical water and money-saving improvements.

Valley Water offers conservation programs, such as rebates for high efficiency toilets and washing machines. SJW takes advantage of all regional rebate programs and all of Valley Water's rebate programs are offered to SJW customers. Typically, customers are directed to specific rebate programs during the

[5] https://www.sjwater.com/customer-care/help-information/tariff-book

course of a water audit based on a customer's need. Customers can also access rebates directly from retail outlets when purchasing equipment such as high efficiency washing machines. SJW collaborates with Valley Water on public outreach and education including such items as customer bill inserts and conservation campaign advertising.

SJW has also increased the outreach and educational programs on outdoor water use. SJW constructed a water-smart demonstration garden that is open to the public. Customers can visit the garden in person or take a virtual tour on SJW's website. SJW also developed a dedicated water wise landscaping website where customers can access a plant information database that includes hundreds of low water use plants as well as a photographic database of water wise gardens in the San José-Santa Clara County area. The landscaping website and demonstration garden tour is accessible from SJW's homepage.

In addition to these programs, SJW engages in other activities that contribute to the overall goal of reducing water waste, but are not specifically designated as conservation or water management programs. These include SJW's meter calibration and replacement program, corrosion control program, valve exercising program and metering all service connections.

Summary

This Water Supply Assessment represents a comprehensive water supply outlook for the Good Samaritan Hospital Project. In summary:

1. Total net potable water demand for the Project is estimated at 216 acre-feet per year and represents a 0.18 percent increase in total system usage when compared to SJW's 2020 potable water production. The increased demand is consistent with forecasted demands represented in SJW's 2020 Urban Water Management Plan, which projected a 12.2 percent increase in total system demand between 2020 demand and projected 2045 demand.
2. SJW currently has contracts or owns rights to receive water from the following sources:
    a. Groundwater – from the Santa Clara Subbasin
    b. Imported and local surface water – from Valley Water
    c. Local surface water – from Los Gatos Creek, Saratoga Creek, and local watersheds
    d. Recycled water – from South Bay Water Recycling
3. SJW works closely with Valley Water to manage its demands and imported water needs. The projected water demand for this development is within previously determined growth projections for water demand in SJW's system.

As described in this WSA and based on Valley Water's water supply plans and Urban Water Management Plan projections, SJW expects to be able to meet the needs of the service area through at least 2045 for average and single-dry years without a call for water use reductions. The impact of this project is not consequential and SJW has the capacity to serve this project through buildout based on current water supply capacity and Valley Water's proposed water supply projects. Valley Water is pursuing water supply solutions to meet the established level of service goal to provide 80 percent of annual water demand for drought years. SJW is committed to working with Valley Water to meet future demands and mitigate shortages. After comparing estimated demand associated with this project to water supplies, based on both the SJW and Valley Water Urban Water Management Plans, SJW has determined that the water quantity needed is within normal growth projections and expects for there to be sufficient water available to serve the Project. However, due to factors that affect water supply and demand projections including climate change, there is no guarantee that the projections provided in Valley Water's Urban Water Management Plan will be met, nor is there a guarantee that the water supply projects and programs identified by Valley Water will be implemented.

APPENDIX L

STORMWATER EVALUATION FORMS

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY
Planning, Building and Code Enforcement

Stormwater Evaluation Form PHASE 1

INSTRUCTIONS: At minimum, **ALL projects must complete Sections 1, 2, and 3** of this form and submit it with all Planning Permit applications.

If you answer "yes" to one or both questions below, you must complete the entire form and the Stormwater Submittal Checklist, as required by Provision C.3 of the Municipal Regional Stormwater Permit (MRP):

- Does your project create or replace 5,000 sq. ft. or more of impervious surface on the project site?
- Does your project involve a Single-Family Home that creates or replaces 10,000 sq. ft. or more of impervious surface on a project site?

What is an impervious surface? An impervious surface is pavement or other surface covering that prevents land from absorbing and infiltrating rainfall and stormwater. Impervious surfaces include buildings, structures, driveways, walkways, parking lots, rooftops, and any other continuous watertight covering. Please note, gravel is considered impervious, except when it is constructed as part of an appropriately designed pervious pavement system. Pervious pavement underlain with pervious soil or material, e.g., drain rock, that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas OR that stores and infiltrates the water quality design volume specified in Provision C.3.d of the MRP, is not considered an impervious surface.

Please refer to the City Council Policy 6-29, City Council Policy 8-14, and Municipal Codes in Title 20 for reference.

Housing project applications dated on or before June 30, 2023 that are compliant with the MRP 2.0 C.3 requirements will not be affected by the new MRP 3.0 requirements (per Government Code Section 65589.5). All other projects are subject to the following new C.3 requirements if they are not yet approved by July 1, 2023.

1. PROJECT LOCATION AND USES

1.a Project File #: PDC22-132

1.b Project Name: Good Samaritan Hospital Expansion Phase 1

1.c Project Address: 2425 Samaritan Dr, San Jose, CA 95124

1.d Project Cross Streets: Samaritan Dr. & Samaritan Pl.

1.e Project APN(s) (include all that apply): 421-36-009, 421-36-011

1.f Applicant/Developer Name: HCA Healthcare

1.g Estimated Project Completion Date: Phase 1 - Dec 2029

1.h Are any of these land uses included in your project?

Check all that apply.

- ☐ Commercial
- ☐ Industrial
- ☐ Public Street
- ☐ Residential
- ☐ Mixed Use
- ☐ Single-Family Home
- ☑ Other Hospital

continued>

\pbce-communications\COLLATERAL PLANNING\APPLICATIONS

1.i Check the watershed in which your project is located.
See the **Watershed Maps** webpage

☐ Baylands
☐ Calabazas
☐ Coyote (including Lower Penitencia)
☑ Guadalupe
☐ San Tomas

1.j Old Industrial Area
Is your project in an Old Industrial Area?
See the **Old Industrial Area Map** webpage to confirm if your project is in an Old Industrial Area.
☐ Yes (at future stages sediment sampling may be conditioned at your property)
☑ No

1.k Special Project Status
Use the online **Special Project Worksheet** and the **Affordable Housing calculator** to determine if your project qualifies as aSpecial Project. Does your project qualify?

☐ Yes, but it is feasible for the project to incorporate 100% LID.

☐ Yes, and it is infeasible for the project to incorporate 100% LID. Attach the following to this application: Special ProjectWorksheet, Affordable Housing Calculator (if applicable), and Feasibility/Infeasibility Narrative justifying the use of non-LID.

☑ No

2. AREA DATA

2.a Enter the Project Phase Number (1, 2, 3, etc. or N/A if Not Applicable):	Phase 1	
2.b Total area of site:	20.07	acres
2.c Total area of site that will be disturbed[1]:	9.84	acres

COMPARISON OF IMPERVIOUS AND PERVIOUS AREAS AT PROJECT SITE:

2.d IMPERVIOUS AREAS - IA[2]	Pre-Project Existing IA sq. ft.	Existing IA Retained As-Is[3] sq. ft.	Existing IA Replaced with IA[4] sq. ft.	New IA Created[4] sq. ft.	Total Post Project IA sq. ft.
Site Totals					
Total onsite IA	d.1 703,336	d.2 384,667	d.3 318,669	d.4 14,708	d.5 (d.2+d.3+d.4) 718,044
Total off-site IA[2]	d.6 0	d.7 0	d.8 0	d.9 0	d.10 (d.7+d8+d.9) 0
Total project IA	d.11 (d.1+d.6) 703,336	d.12 (d.2 +d.7) 384,667	d.13 (d.3 +d.8) 318,669	d.14 (d.4 +d.9) 14,708	d.15 (d.5 +d.10) 718,044
Total New and Replaced IA			d.16 (d.13+d.14) 333,377		
Percent Replacement of onsite IA in Redevelopment Projects (d.3÷d.1) x 100:					d.17 45 %

2.e PERVIOUS AREAS - PA[5]	Pre-Project Existing PA sq. ft.	Total Post Project PA sq. ft.
Total on-site PA	e.1 170,847	e.2 156,139
Total off-site PA	e.3 0	e.4 0
Total PA[5]	e.5 (e.1+e.3) 170,846	e.6 (e.2+e.4) 156,139
2.f Total Area (IA + PA)	f.1 (d.11 + e.5) 874,183	f.2 (d.15 + e.6) 874,183

continued>

FOOTNOTES

1. Per the State Construction General Permit, construction activity that includes, but is not limited to, clearing, grading, excavation, stockpiling, and demolition activities that expose or disturb soil.
2. Include sidewalks and other parts of the public Right-of-Way (e.g., roads, bike lanes, curbs, ramps, etc.) included in the project footprint for all cells in this row. Note that gravel is considered an impervious surface.
3. "Retained" in box 2.d.2 means to leave existing IA in place. An IA that goes through maintenance (e.g., pavement resurfacing/slurryseal/ grind that doesn't disturb down to top of base) is considered "retained."
4. The "replaced" and "new" IA in boxes 2.d.3. and 2.d.4 are based on the total area of the site and not specific locations on site. For example, impervious parking created over a pervious area is not "new" IA if an equal amount of pervious area replaces IA somewhere else on the site. Constructed IA on a site that does not exceed the Total Pre-Project IA in box 2.d.1. will be considered "replaced" IA. **A site will have "new" IA only if the Total Post-Project IA in box 2.d.15. exceeds the Total Pre-Project IA (2.d.15 - 2.d.11 = 2.d.14).**
5. Include bioretention areas, infiltration areas, green roofs, and pervious pavement in PA calculations.

3.APPLICABILITY OF THE CGP, PROVISION C.3, PROVISION C.10

3.a Is 2.c. equal to 1 acre or more?

☑ Yes. Applicant must obtain coverage under the State Construction General Permit.
☐ No. Applicant does not need coverage under the State Construction General Permit.

3.b Is 2.c. equal to 1 acre or more and the project is a utility trenching project that is on average - over the entire length of the project – greater than or equal to eight feet wide?

☑ Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area, including sidewalksand other parts of the public Right-of-way included in the project footprint (see section 3.f. below).
☐ No. Site Design and Source Control requirements may apply; check with the City Department of Public Works.

3.c Is box 2.d.16 equal to 5,000 sq. ft. or more for any type of project, or 10,000 sq. ft. or more for a Single-Family Home project?

☑ Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area, including sidewalksand other parts of the public Right-of-way included in the project footprint (see section 3.g. below).
☐ No. Site Design and Source Control requirements may apply; check with the City Department of Public Works. *If the number in 2.d.16 is between 2,500 sq. ft. and 5,000 sq. ft. for any type of project, or 2,500 sq. ft. and 10,000 sq. ft. for Single-Family Home projects, one or more Site Design Measures will need to be implemented on your project (see section 3.g. below).

3.d Is box 2.d.17 equal to or greater than 50%?

☐ Yes. Site Design, Source Control, and Treatment System requirements all apply to the entire site, including sidewalks andother parts of the public Right-of-way included in the project footprint.
☑ No. Site Design, Source Control, and Treatment System requirements only apply to the area of site that is disturbed.

3.e Is your project connected or proposing to be connected to the City of San Jose's stormwater pipe system?

☑ Yes. There are storm drains on the property that are connected to the stormwater pipe system. Complete the following question (3.f).
☐ No. Your parcel is exempt from full trash capture requirements.

3.f Is the project area located within the green areas on this Trash Management Area map?

☑ Yes. Your project is exempt from full trash capture requirements.
☐ No. Your project must install full trash capture devices approved by the Water Board (see section 3.g. below).

continued>

3.g Indicate which of the following Provision C.3 and C.10 measures will be applied to your project. Check all that apply.

SITE DESIGN MEASURES

PROTECTION MEASURES

- ❑ Protect existing trees, vegetation, and soil.
- ❑ Protect riparian and wetland areas/ buffers (Riparian setback _____ ft.)[1]
- ❑ Preserve open space and natural drainage patterns: _____ sq. ft.
- ❑ Rainwater harvesting and use (e.g., rain barrel, cistern connected to roof drains) [2]

LANDSCAPE DESIGN MEASURES

- ☑ Direct runoff from roofs, sidewalks, patios to landscaped areas.
- ☑ Plant trees adjacent to and in parking areas and adjacent to other impervious areas.

DESIGN MEASURES TO MINIMIZE IMPERVIOUS SURFACE AREA

- ❑ Reduce existing impervious surfaces.
- ❑ Cluster structures/pavement.
- ☑ Create new pervious areas:
  - ✓ Landscaping
  - ❍ Parking stalls
  - ❍ Walkways and patios
  - ❍ Emergency vehicle access
  - ❍ Private streets and sidewalks
- ❑ Install a Green Roof on all or a portion of the roof.
- ❑ Parking:
  - ❍ On top of or under buildings
  - ❍ Not provided in excess of Code
- ❑ Other:

SOURCE CONTROL MEASURES

- ☑ Beneficial landscaping [3]
- ☑ Use water efficient irrigation systems.
- ☑ Good housekeeping, e.g., sweep pavement and clean catch basin.
- ☑ Label storm drains.
- ☑ Connect to the sanitary sewer: [4]
  - ✓ Covered trash/recycling enclosures
  - ✓ Interior parking structures
  - ❍ Wash area/racks
  - ❍ Pools, spas, fountains
  - ✓ Covered loading docks and maintenance bays
  - ❍ Pumped groundwater
- ❑ Fueling areas must (all required):
  - Be graded to prevent ponding.
  - Use a concrete surface.
  - Be separated from the site by a grade break to prevent run-on.
  - Have a canopy cover extending at least 10 feet from each pump.
- ☑ Industrial, outdoor material storage, and recycling facilities must (all required):
  - Stockpile material on an impervious surface or under a permanent roof or covering.
  - Direct ponded water to the sanitary sewer,[4] an on-site treatment system, or off-site disposal.
  - Install berms or curbs to prevent runoff from the storage/processing areas.
  - Segregate pollutant-generating activities into a distinct drainage management area and provide treatment.
- ❑ Other:

TREATMENT SYSTEMS

NONE

- ❑ Impervious surfaces drain to one or more self-retaining areas that are sized per the design criteria listed in the C.3 Stormwater Handbook.

C.3 TREATMENT METHODS

LID TREATMENT

- ☑ Bioretention area
- ❑ Flow-through planter
- ❑ Tree well filter or trench with bioretention soils[5]
- ❑ Rainwater harvest and use (e.g., cistern or rain barrel sized for C.3.d treatment)
- ❑ Pervious pavement, sized for C.3.d treatment
- ❑ Infiltration well/dry well
- ❑ Infiltration trench
- ❑ Subsurface Infiltration System (e.g., vault or large diameter pipe over drain rock)
- ❑ Other:

OTHER C.3 TREATMENT METHODS

SPECIAL PROJECTS ONLY [6]

- ❑ Proprietary tree box filter
- ❑ Media filter (sand, compost, or proprietary media)

MULTI-STEP PROCESS ONLY [7]

- ❑ Vegetated filter strip
- ❑ Extended Detention Basin
- ❑ Vegetated Swale

C.10 FULL TRASH CAPTURE METHODS

- ❑ Bioretention area[8]
- ❑ Approved High flow capacity trash Device(s)
- ❑ Approved catch basin insert(s) orother device(s)

FOOTNOTES

1. Per Council Policy 6-34, setback is measured from the outside dripline of the Riparian Corridor vegetation or top-of-bank, whichever is greater(verify by Biological Report).
2. As a site design measure, it does not have to be sized to comply with Provision C.3.d treatment requirements.

continued>

3. Landscaping that minimizes irrigation and runoff, promotes surface infiltration where possible, and minimizes the use of pesticides and fertilizers.
4. Subject to the requirements of the sanitary sewer authority.
5. Bioretention soils shall infiltrate runoff at a minimum of 5 inches per hour during the life of the facility and sustain healthy, vigorous plant growth.
6. These treatment measures are only allowed if the project qualifies as a Special Project.
7. These treatment measures are only allowed as part of a multi-step treatment process (i.e., pretreatment).
8. Bioretention areas can count towards both C.3 LID treatment and C.10 full trash capture requirements.

4.TREATMENT SYSTEM SIZING FOR PROJECTS WITH TREATMENT REQUIREMENTS

For each treatment system component, indicate the hydraulic sizing criteria using the codes in the far right column, and provide the calculated design flow or volume to be treated:

Treatment Control Measure (TCM)	Hydraulic Sizing Criteria Enter Code	Design Flow or Volume cfs or cu.ft.	Codes For Hydraulic Sizing Criteria
Bioretention lined w/ underdrain	2c	6,354	CODE 1a - Volume–WEF Method 1b - Volume–CASQA BMP Handbook Method 2a - Flow–Factored Flood Flow Method 2b - Flow–CASQA BMP Handbook Method 2c - Flow–Uniform Intensity Method 3 - Combination Flow/Volume Design Basis
Bioretention unlined w/ underdrain	2c	8,900	

Note: Bioretention with Underdrain has been sized for surface area in square feet. For this application, 1 foot depth was assumed.

5.HYDROMODIFICATION MANAGEMENT (HM) APPLICABILITY

5.a Does the project create and/or replace one acre or more of impervious surface AND create an increase in total impervious surface from the pre-project condition (from page 2, is 2.d.5 > 2.d.1 AND 2.d.16 is > one acre)?

☐ Yes. Continue to Question 5.b.
☑ No. Project is exempt from Hydromodification Management.

5.b Is the project located in the green "Subwatersheds less than 65% Impervious" area on the HM Applicability Map?

☑ Yes. Project must implement HM requirements. Continue to Question 5.c.
☐ No. Project is exempt from Hydromodification Management.

5.c If Yes to 5.b, select the specific flow duration controls for Hydromodification Management.

Check all that apply:

☐ Extended Detention Basin
☐ Underground tank or vault
☑ Bioretention with outlet control
☐ Other: _____

6. OPERATION & MAINTENANCE (O&M) CONTACT INFORMATION

Please enter the contact information of the Responsible Party for Stormwater Treatment/Hydromodification Control O&M:

NAME	MAILING ADDRESS	EMAIL/PHONE
RESPONSIBLE PARTY IN CHARGE OF O&M	STREET: 2425 Samaritan Dr.	EMAIL:
NAME: Jerry Gonzalez	CITY: San Jose ZIP: 95124	PHONE: (408) 559-2011
FIRM NAME IF ANY: Good Samaritan Hospital		

7. FORM COMPLETED BY

Wendy Ha 12/20/2023

PRINT NAME DATE

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY
Planning, Building and Code Enforcement

Stormwater Evaluation Form PHASE 2

INSTRUCTIONS: At minimum, **ALL projects must complete Sections 1, 2, and 3** of this form and submit it with all Planning Permit applications.

If you answer "yes" to one or both questions below, you must complete the entire form and the Stormwater Submittal Checklist, as required by Provision C.3 of the Municipal Regional Stormwater Permit (MRP):

- Does your project create or replace 5,000 sq. ft. or more of impervious surface on the project site?
- Does your project involve a Single-Family Home that creates or replaces 10,000 sq. ft. or more of impervious surface on a project site?

What is an impervious surface? An impervious surface is pavement or other surface covering that prevents land from absorbing and infiltrating rainfall and stormwater. Impervious surfaces include buildings, structures, driveways, walkways, parking lots, rooftops, and any other continuous watertight covering. Please note, gravel is considered impervious, except when it is constructed as part of an appropriately designed pervious pavement system. Pervious pavement underlain with pervious soil or material, e.g., drain rock, that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas OR that stores and infiltrates the water quality design volume specified in Provision C.3.d of the MRP, is not considered an impervious surface.

Please refer to the City Council Policy 6-29, City Council Policy 8-14, and Municipal Codes in Title 20 for reference.

Housing project applications dated on or before June 30, 2023 that are compliant with the MRP 2.0 C.3 requirements will not be affected by the new MRP 3.0 requirements (per Government Code Section 65589.5). All other projects are subject to the following new C.3 requirements if they are not yet approved by July 1, 2023.

1. PROJECT LOCATION AND USES

1.a Project File #: PDC22-132

1.b Project Name: Good Samaritan Hospital Expansion Phase 1

1.c Project Address: 2425 Samaritan Dr, San Jose, CA 95124

1.d Project Cross Streets: Samaritan Dr. & Samaritan Pl.

1.e Project APN(s) (include all that apply): 421-36-009, 421-36-011

1.f Applicant/Developer Name: HCA Healthcare

1.g Estimated Project Completion Date: Phase 1 - Dec 2029

1.h Are any of these land uses included in your project?

Check all that apply.

- ☐ Commercial
- ☐ Industrial
- ☐ Public Street
- ☐ Residential
- ☐ Mixed Use
- ☐ Single-Family Home
- ☑ Other Hospital

continued>

\pbce-communications\COLLATERAL PLANNING\APPLICATIONS

1.i Check the watershed in which your project is located.
See the **Watershed Maps** webpage

☐ Baylands
☐ Calabazas
☐ Coyote (including Lower Penitencia)
☑ Guadalupe
☐ San Tomas

1.j Old Industrial Area
Is your project in an Old Industrial Area?
See the **Old Industrial Area Map** webpage to confirm if your project is in an Old Industrial Area.
☐ Yes (at future stages sediment sampling may be conditioned at your property)
☑ No

1.k Special Project Status
Use the online **Special Project Worksheet** and the **Affordable Housing calculator** to determine if your project qualifies as aSpecial Project. Does your project qualify?

☐ Yes, but it is feasible for the project to incorporate 100% LID.

☐ Yes, and it is infeasible for the project to incorporate 100% LID. Attach the following to this application: Special ProjectWorksheet, Affordable Housing Calculator (if applicable), and Feasibility/Infeasibility Narrative justifying the use of non-LID.

☑ No

2. AREA DATA

2.a Enter the Project Phase Number (1, 2, 3, etc. or N/A if Not Applicable):	Phase 1	
2.b Total area of site:	20.07	acres
2.c Total area of site that will be disturbed[1]:	9.84	acres

COMPARISON OF IMPERVIOUS AND PERVIOUS AREAS AT PROJECT SITE:

2.d IMPERVIOUS AREAS - IA[2]	Pre-Project Existing IA sq. ft.	Existing IA Retained As-Is[3] sq. ft.	Existing IA Replaced with IA[4] sq. ft.	New IA Created[4] sq. ft.	Total Post Project IA sq. ft.
Site Totals					
Total onsite IA	d.1 703,336	d.2 384,667	d.3 318,669	d.4 14,708	d.5 (d.2+d.3+d.4) 718,044
Total off-site IA[2]	d.6 0	d.7 0	d.8 0	d.9 0	d.10 (d.7+d8+d.9) 0
Total project IA	d.11 (d.1+d.6) 703,336	d.12 (d.2 +d.7) 384,667	d.13 (d.3 +d.8) 318,669	d.14 (d.4 +d.9) 14,708	d.15 (d.5 +d.10) 718,044
Total New and Replaced IA			d.16 (d.13+d.14) 333,377		
Percent Replacement of onsite IA in Redevelopment Projects (d.3÷d.1) x 100:					d.17 45 %

2.e PERVIOUS AREAS - PA[5]	Pre-Project Existing PA sq. ft.	Total Post Project PA sq. ft.
Total on-site PA	e.1 170,847	e.2 156,139
Total off-site PA	e.3 0	e.4 0
Total PA[5]	e.5 (e.1+e.3) 170,846	e.6 (e.2+e.4) 156,139
2.f Total Area (IA + PA)	f.1 (d.11 + e.5) 874,183	f.2 (d.15 + e.6) 874,183

continued>

FOOTNOTES

1. Per the State Construction General Permit, construction activity that includes, but is not limited to, clearing, grading, excavation, stockpiling, and demolition activities that expose or disturb soil.
2. Include sidewalks and other parts of the public Right-of-Way (e.g., roads, bike lanes, curbs, ramps, etc.) included in the project footprint for all cells in this row. Note that gravel is considered an impervious surface.
3. "Retained" in box 2.d.2 means to leave existing IA in place. An IA that goes through maintenance (e.g., pavement resurfacing/slurryseal/ grind that doesn't disturb down to top of base) is considered "retained."
4. The "replaced" and "new" IA in boxes 2.d.3. and 2.d.4 are based on the total area of the site and not specific locations on site. For example, impervious parking created over a pervious area is not "new" IA if an equal amount of pervious area replaces IA somewhere else on the site. Constructed IA on a site that does not exceed the Total Pre-Project IA in box 2.d.1. will be considered "replaced" IA. **A site will have "new" IA only if the Total Post-Project IA in box 2.d.15. exceeds the Total Pre-Project IA (2.d.15 - 2.d.11 = 2.d.14).**
5. Include bioretention areas, infiltration areas, green roofs, and pervious pavement in PA calculations.

3.APPLICABILITY OF THE CGP, PROVISION C.3, PROVISION C.10

3.a Is 2.c. equal to 1 acre or more?

☑ Yes. Applicant must obtain coverage under the State Construction General Permit.
☐ No. Applicant does not need coverage under the State Construction General Permit.

3.b Is 2.c. equal to 1 acre or more and the project is a utility trenching project that is on average - over the entire length of the project – greater than or equal to eight feet wide?

☑ Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area, including sidewalksand other parts of the public Right-of-way included in the project footprint (see section 3.f. below).
☐ No. Site Design and Source Control requirements may apply; check with the City Department of Public Works.

3.c Is box 2.d.16 equal to 5,000 sq. ft. or more for any type of project, or 10,000 sq. ft. or more for a Single-Family Home project?

☑ Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area, including sidewalksand other parts of the public Right-of-way included in the project footprint (see section 3.g. below).
☐ No. Site Design and Source Control requirements may apply; check with the City Department of Public Works. *If the number in 2.d.16 is between 2,500 sq. ft. and 5,000 sq. ft. for any type of project, or 2,500 sq. ft. and 10,000 sq. ft. for Single-Family Home projects, one or more Site Design Measures will need to be implemented on your project (see section 3.g. below).

3.d Is box 2.d.17 equal to or greater than 50%?

☐ Yes. Site Design, Source Control, and Treatment System requirements all apply to the entire site, including sidewalks andother parts of the public Right-of-way included in the project footprint.
☐ No. Site Design, Source Control, and Treatment System requirements only apply to the area of site that is disturbed.

3.e Is your project connected or proposing to be connected to the City of San Jose's stormwater pipe system?

☑ Yes. There are storm drains on the property that are connected to the stormwater pipe system. Complete the following question (3.f).
☐ No. Your parcel is exempt from full trash capture requirements.

3.f Is the project area located within the green areas on this Trash Management Area map?

☑ Yes. Your project is exempt from full trash capture requirements.
☐ No. Your project must install full trash capture devices approved by the Water Board (see section 3.g. below).

continued>

3.g Indicate which of the following Provision C.3 and C.10 measures will be applied to your project. Check all that apply.

SITE DESIGN MEASURES

PROTECTION MEASURES

- ❑ Protect existing trees, vegetation, and soil.
- ❑ Protect riparian and wetland areas/ buffers (Riparian setback _____ ft.)[1]
- ❑ Preserve open space and natural drainage patterns: _____ sq. ft.
- ❑ Rainwater harvesting and use (e.g., rain barrel, cistern connected to roof drains) [2]

LANDSCAPE DESIGN MEASURES

- ☑ Direct runoff from roofs, sidewalks, patios to landscaped areas.
- ☑ Plant trees adjacent to and in parking areas and adjacent to other impervious areas.

DESIGN MEASURES TO MINIMIZE IMPERVIOUS SURFACE AREA

- ❑ Reduce existing impervious surfaces.
- ❑ Cluster structures/pavement.
- ☑ Create new pervious areas:
  - ✓ Landscaping
  - ❍ Parking stalls
  - ❍ Walkways and patios
  - ❍ Emergency vehicle access
  - ❍ Private streets and sidewalks
- ❑ Install a Green Roof on all or a portion of the roof.
- ❑ Parking:
  - ❍ On top of or under buildings
  - ❍ Not provided in excess of Code
- ❑ Other:

SOURCE CONTROL MEASURES

- ☑ Beneficial landscaping [3]
- ☑ Use water efficient irrigation systems.
- ☑ Good housekeeping, e.g., sweep pavement and clean catch basin.
- ☑ Label storm drains.
- ☑ Connect to the sanitary sewer: [4]
  - ✓ Covered trash/recycling enclosures
  - ✓ Interior parking structures
  - ❍ Wash area/racks
  - ❍ Pools, spas, fountains
  - ✓ Covered loading docks and maintenance bays
  - ❍ Pumped groundwater
- ❑ Fueling areas must (all required):
  - Be graded to prevent ponding.
  - Use a concrete surface.
  - Be separated from the site by a grade break to prevent run-on.
  - Have a canopy cover extending at least 10 feet from each pump.
- ☑ Industrial, outdoor material storage, and recycling facilities must (all required):
  - Stockpile material on an impervious surface or under a permanent roof or covering.
  - Direct ponded water to the sanitary sewer,[4] an on-site treatment system, or off-site disposal.
  - Install berms or curbs to prevent runoff from the storage/processing areas.
  - Segregate pollutant-generating activities into a distinct drainage management area and provide treatment.
- ❑ Other:

TREATMENT SYSTEMS

NONE

- ❑ Impervious surfaces drain to one or more self-retaining areas that are sized per the design criteria listed in the C.3 Stormwater Handbook.

C.3 TREATMENT METHODS

LID TREATMENT

- ☑ Bioretention area
- ❑ Flow-through planter
- ❑ Tree well filter or trench with bioretention soils[5]
- ❑ Rainwater harvest and use (e.g., cistern or rain barrel sized for C.3.d treatment)
- ❑ Pervious pavement, sized for C.3.d treatment
- ❑ Infiltration well/dry well
- ❑ Infiltration trench
- ❑ Subsurface Infiltration System (e.g., vault or large diameter pipe over drain rock)
- ❑ Other:

OTHER C.3 TREATMENT METHODS

SPECIAL PROJECTS ONLY [6]

- ❑ Proprietary tree box filter
- ❑ Media filter (sand, compost, or proprietary media)

MULTI-STEP PROCESS ONLY [7]

- ❑ Vegetated filter strip
- ❑ Extended Detention Basin
- ❑ Vegetated Swale

C.10 FULL TRASH CAPTURE METHODS

- ❑ Bioretention area[8]
- ❑ Approved High flow capacity trash Device(s)
- ❑ Approved catch basin insert(s) orother device(s)

FOOTNOTES

1. Per Council Policy 6-34, setback is measured from the outside dripline of the Riparian Corridor vegetation or top-of-bank, whichever is greater(verify by Biological Report).
2. As a site design measure, it does not have to be sized to comply with Provision C.3.d treatment requirements.

continued>

3. Landscaping that minimizes irrigation and runoff, promotes surface infiltration where possible, and minimizes the use of pesticides and fertilizers.
4. Subject to the requirements of the sanitary sewer authority.
5. Bioretention soils shall infiltrate runoff at a minimum of 5 inches per hour during the life of the facility and sustain healthy, vigorous plant growth.
6. These treatment measures are only allowed if the project qualifies as a Special Project.
7. These treatment measures are only allowed as part of a multi-step treatment process (i.e., pretreatment).
8. Bioretention areas can count towards both C.3 LID treatment and C.10 full trash capture requirements.

4.TREATMENT SYSTEM SIZING FOR PROJECTS WITH TREATMENT REQUIREMENTS

For each treatment system component, indicate the hydraulic sizing criteria using the codes in the far right column, and provide the calculated design flow or volume to be treated:

Treatment Control Measure (TCM)	**Hydraulic Sizing Criteria** Enter Code	**Design Flow or Volume** cfs or cu.ft.	**Codes For Hydraulic Sizing Criteria**
Bioretention lined w/ underdrain	2c	6,354	CODE 1a - Volume–WEF Method 1b - Volume–CASQA BMP Handbook Method 2a - Flow–Factored Flood Flow Method 2b - Flow–CASQA BMP Handbook Method 2c - Flow–Uniform Intensity Method 3 - Combination Flow/Volume Design Basis
Bioretention unlined w/ underdrain	2c	8,900	

Note: Bioretention with Underdrain has been sized for surface area in square feet. For this application, 1 foot depth was assumed.

5.HYDROMODIFICATION MANAGEMENT (HM) APPLICABILITY

5.a Does the project create and/or replace one acre or more of impervious surface AND create an increase in total impervious surface from the pre-project condition (from page 2, is 2.d.5 > 2.d.1 AND 2.d.16 is > one acre)?

☐ Yes. Continue to Question 5.b.
☑ No. Project is exempt from Hydromodification Management.

5.b Is the project located in the green "Subwatersheds less than 65% Impervious" area on the HM Applicability Map?

☑ Yes. Project must implement HM requirements. Continue to Question 5.c.
☐ No. Project is exempt from Hydromodification Management.

5.c If Yes to 5.b, select the specific flow duration controls for Hydromodification Management.

Check all that apply:

☐ Extended Detention Basin
☐ Underground tank or vault
☑ Bioretention with outlet control
☐ Other: _____

6. OPERATION & MAINTENANCE (O&M) CONTACT INFORMATION

Please enter the contact information of the Responsible Party for Stormwater Treatment/Hydromodification Control O&M:

NAME	MAILING ADDRESS	EMAIL/PHONE
RESPONSIBLE PARTY IN CHARGE OF O&M	STREET: 2425 Samaritan Dr.	EMAIL:
NAME: Jerry Gonzalez	CITY: San Jose ZIP: 95124	PHONE: (408) 559-2011
FIRM NAME IF ANY: Good Samaritan Hospital		

7. FORM COMPLETED BY

Wendy Ha 12/20/2023

PRINT NAME DATE

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY
Planning, Building and Code Enforcement

Stormwater Evaluation Form PHASE 3

INSTRUCTIONS: At minimum, **ALL projects must complete Sections 1, 2, and 3** of this form and submit it with all Planning Permit applications.

If you answer "yes" to one or both questions below, you must complete the entire form and the Stormwater Submittal Checklist, as required by Provision C.3 of the Municipal Regional Stormwater Permit (MRP):

- Does your project create or replace 5,000 sq. ft. or more of impervious surface on the project site?
- Does your project involve a Single-Family Home that creates or replaces 10,000 sq. ft. or more of impervious surface on a project site?

What is an impervious surface? An impervious surface is pavement or other surface covering that prevents land from absorbing and infiltrating rainfall and stormwater. Impervious surfaces include buildings, structures, driveways, walkways, parking lots, rooftops, and any other continuous watertight covering. Please note, gravel is considered impervious, except when it is constructed as part of an appropriately designed pervious pavement system. Pervious pavement underlain with pervious soil or material, e.g., drain rock, that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas OR that stores and infiltrates the water quality design volume specified in Provision C.3.d of the MRP, is not considered an impervious surface.

Please refer to the City Council Policy 6-29, City Council Policy 8-14, and Municipal Codes in Title 20 for reference.

Housing project applications dated on or before June 30, 2023 that are compliant with the MRP 2.0 C.3 requirements will not be affected by the new MRP 3.0 requirements (per Government Code Section 65589.5). All other projects are subject to the following new C.3 requirements if they are not yet approved by July 1, 2023.

1. PROJECT LOCATION AND USES

1.a Project File #: PDC22-132

1.b Project Name: Good Samaritan Hospital Expansion Phase 1

1.c Project Address: 2425 Samaritan Dr, San Jose, CA 95124

1.d Project Cross Streets: Samaritan Dr. & Samaritan Pl.

1.e Project APN(s) (include all that apply): 421-36-009, 421-36-011

1.f Applicant/Developer Name: HCA Healthcare

1.g Estimated Project Completion Date: Phase 1 - Dec 2029

1.h Are any of these land uses included in your project?

Check all that apply.

- ☐ Commercial
- ☐ Industrial
- ☐ Public Street
- ☐ Residential
- ☐ Mixed Use
- ☐ Single-Family Home
- ☑ Other Hospital

continued>

\pbce-communications\COLLATERAL PLANNING\APPLICATIONS

1.i Check the watershed in which your project is located.
See the **Watershed Maps** webpage

☐ Baylands
☐ Calabazas
☐ Coyote (including Lower Penitencia)
☑ Guadalupe
☐ San Tomas

1.j Old Industrial Area
Is your project in an Old Industrial Area?
See the **Old Industrial Area Map** webpage to confirm if your project is in an Old Industrial Area.
☐ Yes (at future stages sediment sampling may be conditioned at your property)
☑ No

1.k Special Project Status
Use the online **Special Project Worksheet** and the **Affordable Housing calculator** to determine if your project qualifies as aSpecial Project. Does your project qualify?

☐ Yes, but it is feasible for the project to incorporate 100% LID.

☐ Yes, and it is infeasible for the project to incorporate 100% LID. Attach the following to this application: Special ProjectWorksheet, Affordable Housing Calculator (if applicable), and Feasibility/Infeasibility Narrative justifying the use of non-LID.

☑ No

2. AREA DATA

2.a Enter the Project Phase Number (1, 2, 3, etc. or N/A if Not Applicable):	Phase 1	
2.b Total area of site:	20.07	acres
2.c Total area of site that will be disturbed[1]:	9.84	acres

COMPARISON OF IMPERVIOUS AND PERVIOUS AREAS AT PROJECT SITE:

2.d IMPERVIOUS AREAS - IA[2]	Pre-Project Existing IA sq. ft.	Existing IA Retained As-Is[3] sq. ft.	Existing IA Replaced with IA[4] sq. ft.	New IA Created[4] sq. ft.	Total Post Project IA sq. ft.
Site Totals					
Total onsite IA	d.1 703,336	d.2 384,667	d.3 318,669	d.4 14,708	d.5 (d.2+d.3+d.4) 718,044
Total off-site IA[2]	d.6 0	d.7 0	d.8 0	d.9 0	d.10 (d.7+d8+d.9) 0
Total project IA	d.11 (d.1+d.6) 703,336	d.12 (d.2 +d.7) 384,667	d.13 (d.3 +d.8) 318,669	d.14 (d.4 +d.9) 14,708	d.15 (d.5 +d.10) 718,044
Total New and Replaced IA			d.16 (d.13+d.14) 333,377		
Percent Replacement of onsite IA in Redevelopment Projects (d.3÷d.1) x 100:					d.17 45 %

2.e PERVIOUS AREAS - PA[5]	Pre-Project Existing PA sq. ft.	Total Post Project PA sq. ft.
Total on-site PA	e.1 170,847	e.2 156,139
Total off-site PA	e.3 0	e.4 0
Total PA[5]	e.5 (e.1+e.3) 170,846	e.6 (e.2+e.4) 156,139
2.f Total Area (IA + PA)	f.1 (d.11 + e.5) 874,183	f.2 (d.15 + e.6) 874,183

continued>

FOOTNOTES

1. Per the State Construction General Permit, construction activity that includes, but is not limited to, clearing, grading, excavation, stockpiling, and demolition activities that expose or disturb soil.
2. Include sidewalks and other parts of the public Right-of-Way (e.g., roads, bike lanes, curbs, ramps, etc.) included in the project footprint for all cells in this row. Note that gravel is considered an impervious surface.
3. "Retained" in box 2.d.2 means to leave existing IA in place. An IA that goes through maintenance (e.g., pavement resurfacing/slurryseal/ grind that doesn't disturb down to top of base) is considered "retained."
4. The "replaced" and "new" IA in boxes 2.d.3. and 2.d.4 are based on the total area of the site and not specific locations on site. For example, impervious parking created over a pervious area is not "new" IA if an equal amount of pervious area replaces IA somewhere else on the site. Constructed IA on a site that does not exceed the Total Pre-Project IA in box 2.d.1. will be considered "replaced" IA. **A site will have "new" IA only if the Total Post-Project IA in box 2.d.15. exceeds the Total Pre-Project IA (2.d.15 - 2.d.11 = 2.d.14).**
5. Include bioretention areas, infiltration areas, green roofs, and pervious pavement in PA calculations.

3.APPLICABILITY OF THE CGP, PROVISION C.3, PROVISION C.10

3.a Is 2.c. equal to 1 acre or more?

☑ Yes. Applicant must obtain coverage under the State Construction General Permit.
☐ No. Applicant does not need coverage under the State Construction General Permit.

3.b Is 2.c. equal to 1 acre or more and the project is a utility trenching project that is on average - over the entire length of the project – greater than or equal to eight feet wide?

☑ Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area, including sidewalksand other parts of the public Right-of-way included in the project footprint (see section 3.f. below).
☐ No. Site Design and Source Control requirements may apply; check with the City Department of Public Works.

3.c Is box 2.d.16 equal to 5,000 sq. ft. or more for any type of project, or 10,000 sq. ft. or more for a Single-Family Home project?

☑ Yes. Site Design, Source Control, and Treatment System requirements will all apply to the project area, including sidewalksand other parts of the public Right-of-way included in the project footprint (see section 3.g. below).
☐ No. Site Design and Source Control requirements may apply; check with the City Department of Public Works. *If the number in 2.d.16 is between 2,500 sq. ft. and 5,000 sq. ft. for any type of project, or 2,500 sq. ft. and 10,000 sq. ft. for Single-Family Home projects, one or more Site Design Measures will need to be implemented on your project (see section 3.g. below).

3.d Is box 2.d.17 equal to or greater than 50%?

☐ Yes. Site Design, Source Control, and Treatment System requirements all apply to the entire site, including sidewalks andother parts of the public Right-of-way included in the project footprint.
☐ No. Site Design, Source Control, and Treatment System requirements only apply to the area of site that is disturbed.

3.e Is your project connected or proposing to be connected to the City of San Jose's stormwater pipe system?

☑ Yes. There are storm drains on the property that are connected to the stormwater pipe system. Complete the following question (3.f).
☐ No. Your parcel is exempt from full trash capture requirements.

3.f Is the project area located within the green areas on this Trash Management Area map?

☑ Yes. Your project is exempt from full trash capture requirements.
☐ No. Your project must install full trash capture devices approved by the Water Board (see section 3.g. below).

continued>

3.g Indicate which of the following Provision C.3 and C.10 measures will be applied to your project. Check all that apply.

SITE DESIGN MEASURES

PROTECTION MEASURES

- ❑ Protect existing trees, vegetation, and soil.
- ❑ Protect riparian and wetland areas/ buffers (Riparian setback _____ ft.)[1]
- ❑ Preserve open space and natural drainage patterns: _____ sq. ft.
- ❑ Rainwater harvesting and use (e.g., rain barrel, cistern connected to roof drains) [2]

LANDSCAPE DESIGN MEASURES

- ☑ Direct runoff from roofs, sidewalks, patios to landscaped areas.
- ☑ Plant trees adjacent to and in parking areas and adjacent to other impervious areas.

DESIGN MEASURES TO MINIMIZE IMPERVIOUS SURFACE AREA

- ❑ Reduce existing impervious surfaces.
- ❑ Cluster structures/pavement.
- ☑ Create new pervious areas:
  - ✓ Landscaping
  - ❍ Parking stalls
  - ❍ Walkways and patios
  - ❍ Emergency vehicle access
  - ❍ Private streets and sidewalks
- ❑ Install a Green Roof on all or a portion of the roof.
- ❑ Parking:
  - ❍ On top of or under buildings
  - ❍ Not provided in excess of Code
- ❑ Other:

SOURCE CONTROL MEASURES

- ☑ Beneficial landscaping [3]
- ☑ Use water efficient irrigation systems.
- ☑ Good housekeeping, e.g., sweep pavement and clean catch basin.
- ☑ Label storm drains.
- ☑ Connect to the sanitary sewer: [4]
  - ✓ Covered trash/recycling enclosures
  - ✓ Interior parking structures
  - ❍ Wash area/racks
  - ❍ Pools, spas, fountains
  - ✓ Covered loading docks and maintenance bays
  - ❍ Pumped groundwater
- ❑ Fueling areas must (all required):
  - Be graded to prevent ponding.
  - Use a concrete surface.
  - Be separated from the site by a grade break to prevent run-on.
  - Have a canopy cover extending at least 10 feet from each pump.
- ☑ Industrial, outdoor material storage, and recycling facilities must (all required):
  - Stockpile material on an impervious surface or under a permanent roof or covering.
  - Direct ponded water to the sanitary sewer,[4] an on-site treatment system, or off-site disposal.
  - Install berms or curbs to prevent runoff from the storage/processing areas.
  - Segregate pollutant-generating activities into a distinct drainage management area and provide treatment.
- ❑ Other:

TREATMENT SYSTEMS

NONE

- ❑ Impervious surfaces drain to one or more self-retaining areas that are sized per the design criteria listed in the C.3 Stormwater Handbook.

C.3 TREATMENT METHODS

LID TREATMENT

- ☑ Bioretention area
- ❑ Flow-through planter
- ❑ Tree well filter or trench with bioretention soils[5]
- ❑ Rainwater harvest and use (e.g., cistern or rain barrel sized for C.3.d treatment)
- ❑ Pervious pavement, sized for C.3.d treatment
- ❑ Infiltration well/dry well
- ❑ Infiltration trench
- ❑ Subsurface Infiltration System (e.g., vault or large diameter pipe over drain rock)
- ❑ Other:

OTHER C.3 TREATMENT METHODS

SPECIAL PROJECTS ONLY [6]

- ❑ Proprietary tree box filter
- ❑ Media filter (sand, compost, or proprietary media)

MULTI-STEP PROCESS ONLY [7]

- ❑ Vegetated filter strip
- ❑ Extended Detention Basin
- ❑ Vegetated Swale

C.10 FULL TRASH CAPTURE METHODS

- ❑ Bioretention area[8]
- ❑ Approved High flow capacity trash Device(s)
- ❑ Approved catch basin insert(s) orother device(s)

FOOTNOTES

1. Per Council Policy 6-34, setback is measured from the outside dripline of the Riparian Corridor vegetation or top-of-bank, whichever is greater(verify by Biological Report).
2. As a site design measure, it does not have to be sized to comply with Provision C.3.d treatment requirements.

continued>

3. Landscaping that minimizes irrigation and runoff, promotes surface infiltration where possible, and minimizes the use of pesticides and fertilizers.
4. Subject to the requirements of the sanitary sewer authority.
5. Bioretention soils shall infiltrate runoff at a minimum of 5 inches per hour during the life of the facility and sustain healthy, vigorous plant growth.
6. These treatment measures are only allowed if the project qualifies as a Special Project.
7. These treatment measures are only allowed as part of a multi-step treatment process (i.e., pretreatment).
8. Bioretention areas can count towards both C.3 LID treatment and C.10 full trash capture requirements.

4.TREATMENT SYSTEM SIZING FOR PROJECTS WITH TREATMENT REQUIREMENTS

For each treatment system component, indicate the hydraulic sizing criteria using the codes in the far right column, and provide the calculated design flow or volume to be treated:

Treatment Control Measure (TCM)	Hydraulic Sizing Criteria Enter Code	Design Flow or Volume cfs or cu.ft.	Codes For Hydraulic Sizing Criteria
Bioretention lined w/ underdrain	2c	6,354	CODE 1a - Volume–WEF Method 1b - Volume–CASQA BMP Handbook Method 2a - Flow–Factored Flood Flow Method 2b - Flow–CASQA BMP Handbook Method 2c - Flow–Uniform Intensity Method 3 - Combination Flow/Volume Design Basis
Bioretention unlined w/ underdrain	2c	8,900	

Note: Bioretention with Underdrain has been sized for surface area in square feet. For this application, 1 foot depth was assumed.

5.HYDROMODIFICATION MANAGEMENT (HM) APPLICABILITY

5.a Does the project create and/or replace one acre or more of impervious surface AND create an increase in total impervious surface from the pre-project condition (from page 2, is 2.d.5 > 2.d.1 AND 2.d.16 is > one acre)?

☐ Yes. Continue to Question 5.b.
☑ No. Project is exempt from Hydromodification Management.

5.b Is the project located in the green "Subwatersheds less than 65% Impervious" area on the HM Applicability Map?

☑ Yes. Project must implement HM requirements. Continue to Question 5.c.
☐ No. Project is exempt from Hydromodification Management.

5.c If Yes to 5.b, select the specific flow duration controls for Hydromodification Management.

Check all that apply:

☐ Extended Detention Basin
☐ Underground tank or vault
☑ Bioretention with outlet control
☐ Other: _____

6. OPERATION & MAINTENANCE (O&M) CONTACT INFORMATION

Please enter the contact information of the Responsible Party for Stormwater Treatment/Hydromodification Control O&M:

NAME	MAILING ADDRESS	EMAIL/PHONE
RESPONSIBLE PARTY IN CHARGE OF O&M	STREET: 2425 Samaritan Dr.	EMAIL:
NAME: Jerry Gonzalez	CITY: San Jose ZIP: 95124	PHONE: (408) 559-2011
FIRM NAME IF ANY: Good Samaritan Hospital		

7. FORM COMPLETED BY

Wendy Ha 12/20/2023

PRINT NAME DATE

APPENDIX M

ACOUSTICAL ASSESSMENT

Acoustical Assessment
Good Samaritan Hospital Project
City of San José, California

Prepared by:

Kimley-Horn and Associates, Inc.
10 South Almaden Boulevard, Suite 1250
San José, California 95113
Contact: *Noemi Wyss, AICP*

May 2024

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Appendix

Appendix A: Noise Data

LIST OF ABBREVIATED TERMS

ADA	Americans with Disabilities Act
APN	Assessor's Parcel Number
ADT	average daily traffic
dBA	A-weighted sound level
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CG(PD)	Commercial General Planned Development
CNEL	community equivalent noise level
DNL	Day/Nigh Average Sound Level
L_{dn}	day-night noise level
dB	decibel
L_{eq}	equivalent noise level
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HVAC	Heating, ventilation, and air conditioning
Hz	hertz
in/sec	inches per second
LT	Long-term
L_{max}	maximum noise level
µPa	micropascals
L_{min}	minimum noise level
MM	Mitigation Measure
PPV	peak particle velocity
A(PD)	Planned Development (Agriculture Base District)
RCNM	Roadway Construction Noise Model
RMS	root mean square
SB	Senate Bill
ST	Short-term
Sf	square feet
SPC	Structural Performance Category
VdB	vibration velocity level

1 INTRODUCTION

This report documents the results of an Acoustical Assessment completed for the Good Samaritan Hospital Project. The purpose of this Acoustical Assessment is to evaluate the Project's potential construction and operational noise and vibration levels associated with the Project and determine the level of impact the Project would have on the environment.

1.1 PROJECT LOCATION

The approximately 20-acre Project site is located at 2425 Samaritan Drive and 2333 Samaritan Place (Assessor's Parcel Numbers [APNs]: 421-36-009 and 421-36-011). Regionally, Good Samaritan Hospital is in the southwestern region of San José within an urban area that contains a mix of medical offices and clinics as well as single and multi-family residential developments. The northern boundary of the Project site abuts the eastbound on-ramp to SR-65. Along the eastern boundary of the Project site is the Cambrian Center, a multi-family residential complex, and single-family residences. To the south of the Project site are various medical office buildings. Along the western boundary of the Project site is the Samaritan Medical Center, a medical office complex with surface parking Figure 1: Regional Vicinity and Figure 2: Site Vicinity, depict the Project site in a regional and local context.

1.2 PROJECT DESCRIPTION

Located in an urban area with a mix of commercial uses, single-family, and multi-family residential developments, the Project site is currently the Good Samaritan Hospital campus. The campus contains a day care center, the hospital building (Building A and Building B), a helipad in the northwest corner of the site, landscaping, and surface parking. The existing hospital building is divided into two different wings. Building A is the main building with emergency operations totaling approximately 359,000 square feet (sf), and Building B operates as a women's and children's services wing totaling approximately 85,000 sf. With the day care center totaling approximately 6,700 sf, the existing hospital campus is approximately 450,700 sf. Figure 3: Existing Conditions depict the Project site along with the current existing uses.

The proposed Project's existing land use designation is Neighborhood/Community Commercial (NCC), and the existing zoning designation is Planned Development (Agriculture Base District) (A(PD)). Project implementation would require a new Planned Development District to authorize the Project's new uses and, therefore a zone change would be required. The Project proposes a rezone (File No. PDC22-132) from the existing (A(PD)) Planned Development Zoning District to the Commercial General Planned Development (CG(PD)) Zoning District. The new (CG(PD)) Planned Development Zoning District would authorize the new hospital wing components and additional uses (i.e., cafeterias and retail shops), as well as updated standards to address the modernization of the hospital's healthcare system and operations. In addition, a new planned development permit(s) would be required to implement the new PD Zoning.

Although the Project would be constructed in phases, the hospital would plan and stage operations throughout the expansion in order to allow for continuous uninterrupted operation of the hospital. Construction for all phases would follow a conventional construction sequence of demolition, site preparation, grading/earthwork, paving, building construction, and architectural coating. See Figure 4: Project Site Plan for more details.

Phase 1

Phase 1 would include demolition of 20,946 square feet in Building A and demolition of the 6,700 sf daycare center to construct a new 253,000-square –foot, five-story parking garage (Garage East), a 23,750-square-foot detached central utility plant and underground water and sewer tanks, and an approximately 548,444-square-foot, eight-story hospital building (Building C).

Garage East would be in the northeastern region of the Project site and would provide 653 parking spaces. Additionally, a new loading dock and accompanying dock canopy is proposed at grade-level on the west side of Building C, north of the existing four-story Women's and Children Center hospital wing (existing Building B). The loading area would be accessed from an internal drive aisle from Samaritan Drive, and the northern perimeter drive aisle.

In Phase 1, a Health Care Access and Information (HCAI) compliant two-story approximately 23,750 sf Central Utility Plant, Mechanical Yard, and Oxygen (O2) Yard is proposed to the east of proposed Building C and west of Garage East to provide power and utility infrastructure to support the hospital operations.

Phase 1 would result in approximately 40,000 cubic yards (cy) of soil export from the Project site and approximately 10,000 cy of soil import. Construction Phase 1 would occur over approximately 5.8 years (i.e., 69 months), anticipated to begin in March 2024. See Figure 5: Proposed Project Phase 1 Conceptual Site Plan for more details.

Phase 2

In Phase 2, the existing non-seismically-compliant hospital building (Building A) would be demolished, totaling approximately 338,054 sf of demolition. The basement of the demolished hospital would be infilled with approximately 16 feet of fill and then approximately 421 surface parking stalls would be constructed.

Phase 2 would result in approximately 1,000 cy of soil export and 70,000 cy of soil import. Phase 2 is anticipated to begin in 2029 and occur over approximately two years. See Figure 6: Proposed Project Phase 2 Conceptual Site Plan for more details.

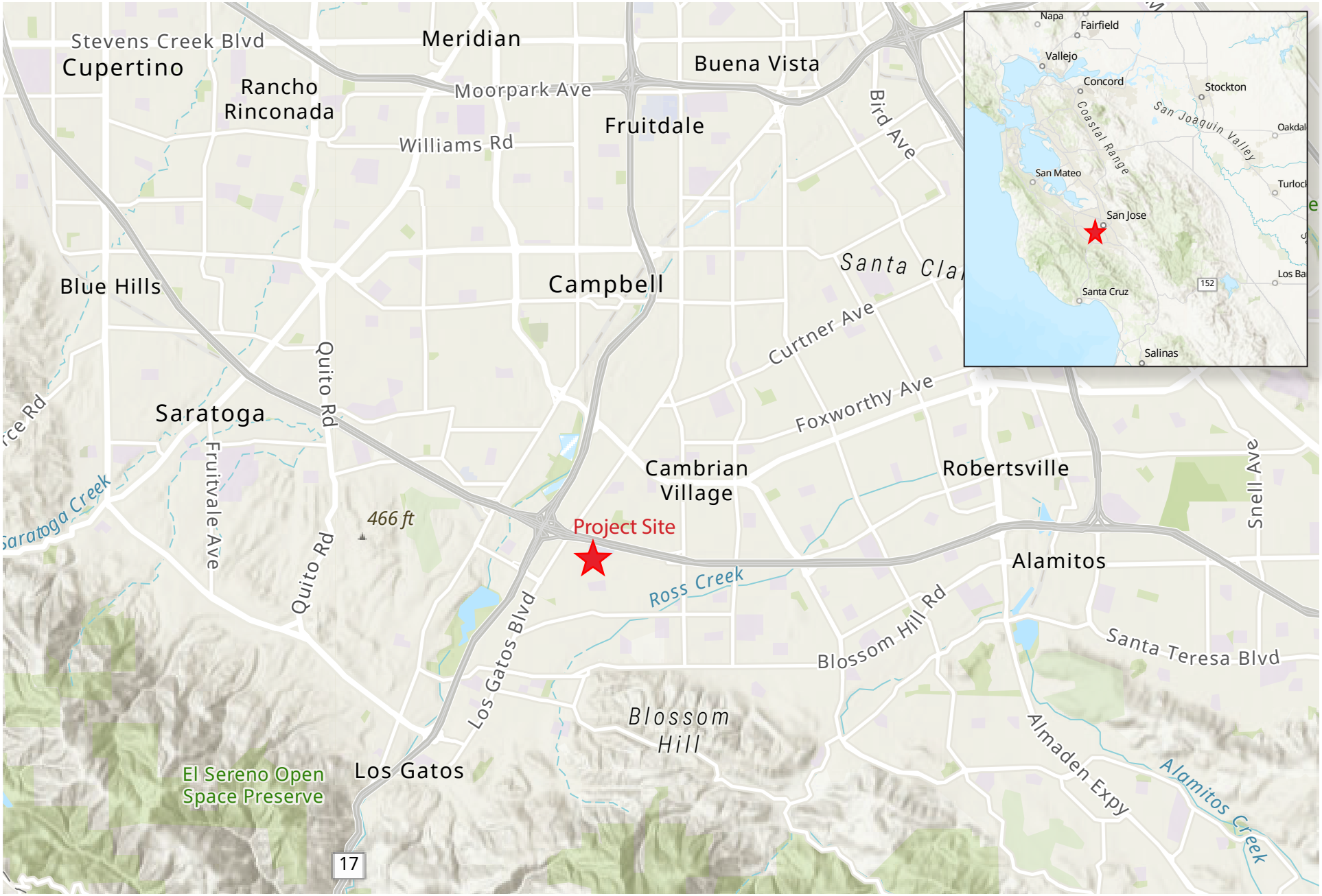
Phase 3

Phase 3 would construct an approximately 202,000 sf hospital wing (Building D), an approximately 200,000 sf medical office building (Building E), and an approximately 425,208 sf six-story garage structure (Garage West) with up to 1,154 parking stalls.

Building E is proposed to be constructed at the southern edge of the Project site, near the intersection of Samaritan Drive at Samaritan Place and would be eight stories tall and have approximately 25,000 sf of office space per floor, for a total of approximately 200,000 sf.

Additional patient, staff, and visitor parking would be provided in a new free-standing parking structure (Garage West) located on the western edge of the site. Garage West would be fully constructed in Phase 3 and would have approximately 1,154 parking spaces with five levels of parking, including basement. At Phase 3 completion, the Good Samaritan Hospital would have up to 2,179 parking spaces. See Figure 7: Proposed Buildout Conceptual Site Plan for more details.

Phase 3 would result in approximately 21,000 CY of soil export and 5,000 CY of soil import. Phase 3 would be constructed over approximately 2.8 years (i.e., 34 months) starting in 2032. The schedule for construction in all phases would typically occur six days a week (Monday through Saturday) from 7:00 a.m. to 7:00 p.m.



Source: USGS, 2023

Figure 1: Regional Vicinity

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

Kimley»Horn
Expect More. Experience Better.



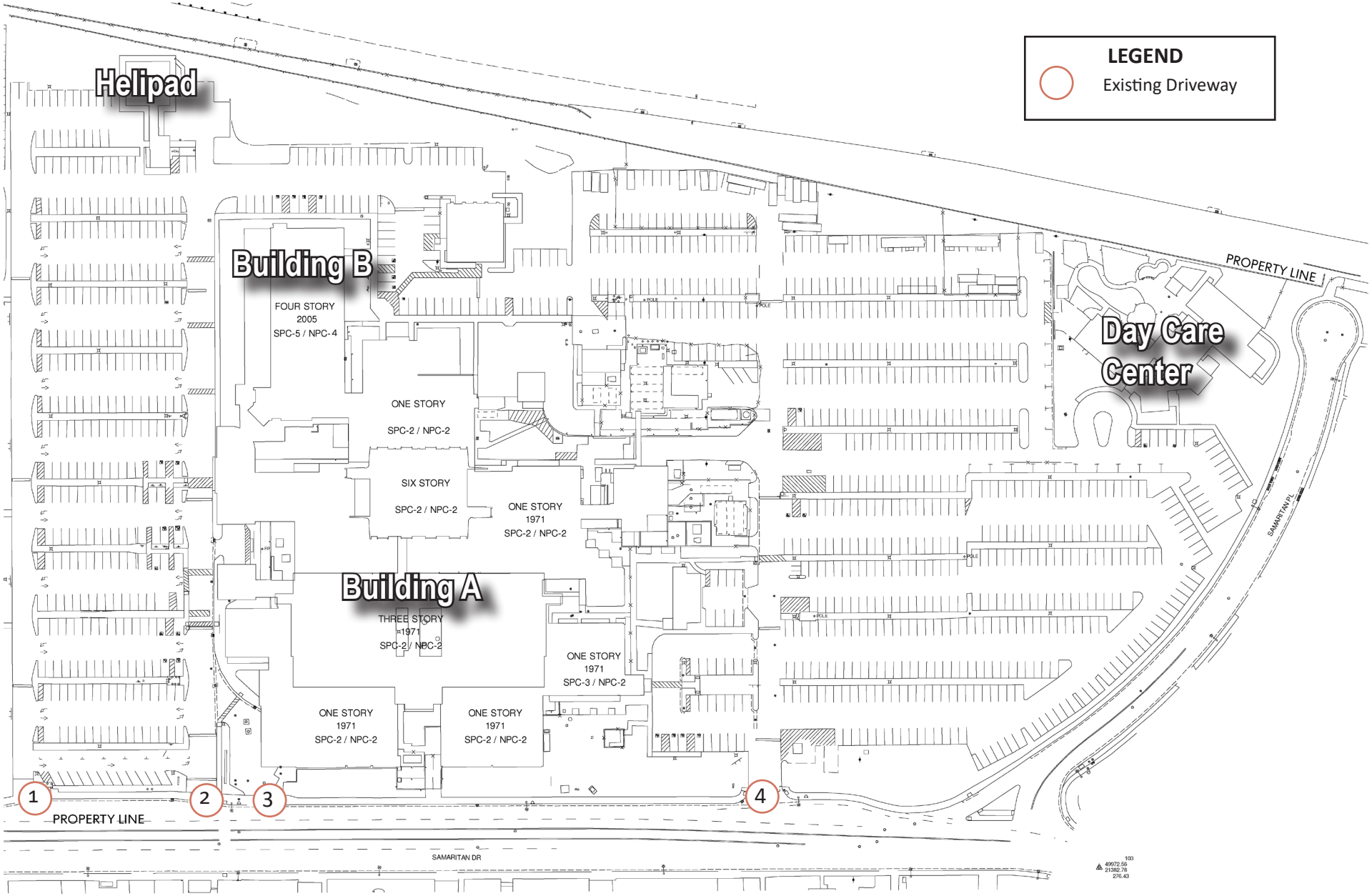
Source: Nearmap, 2023

Figure 2: Site Vicinity

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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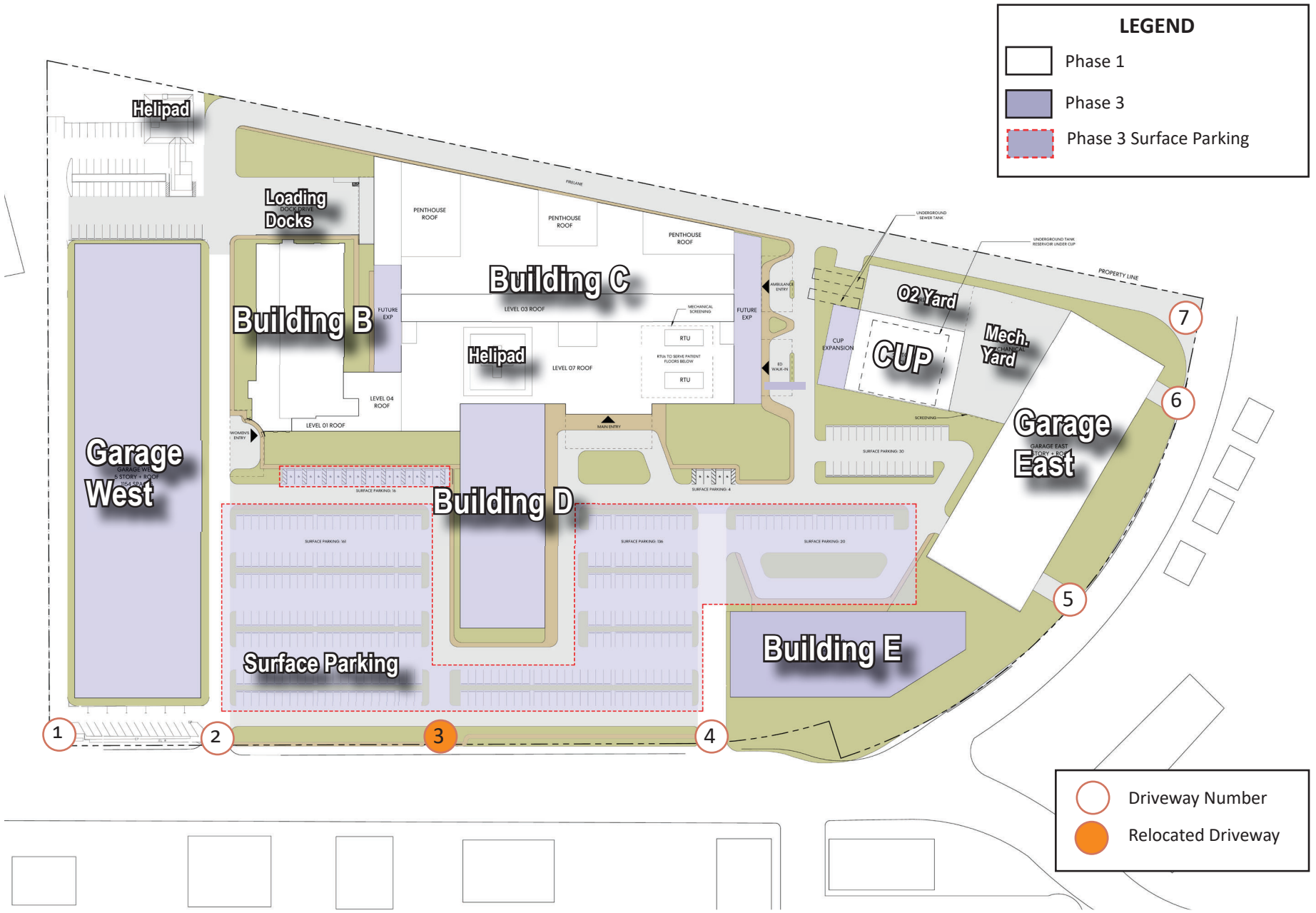
Source: Kimley-Horn, 2023

Figure 3: Existing Conditions

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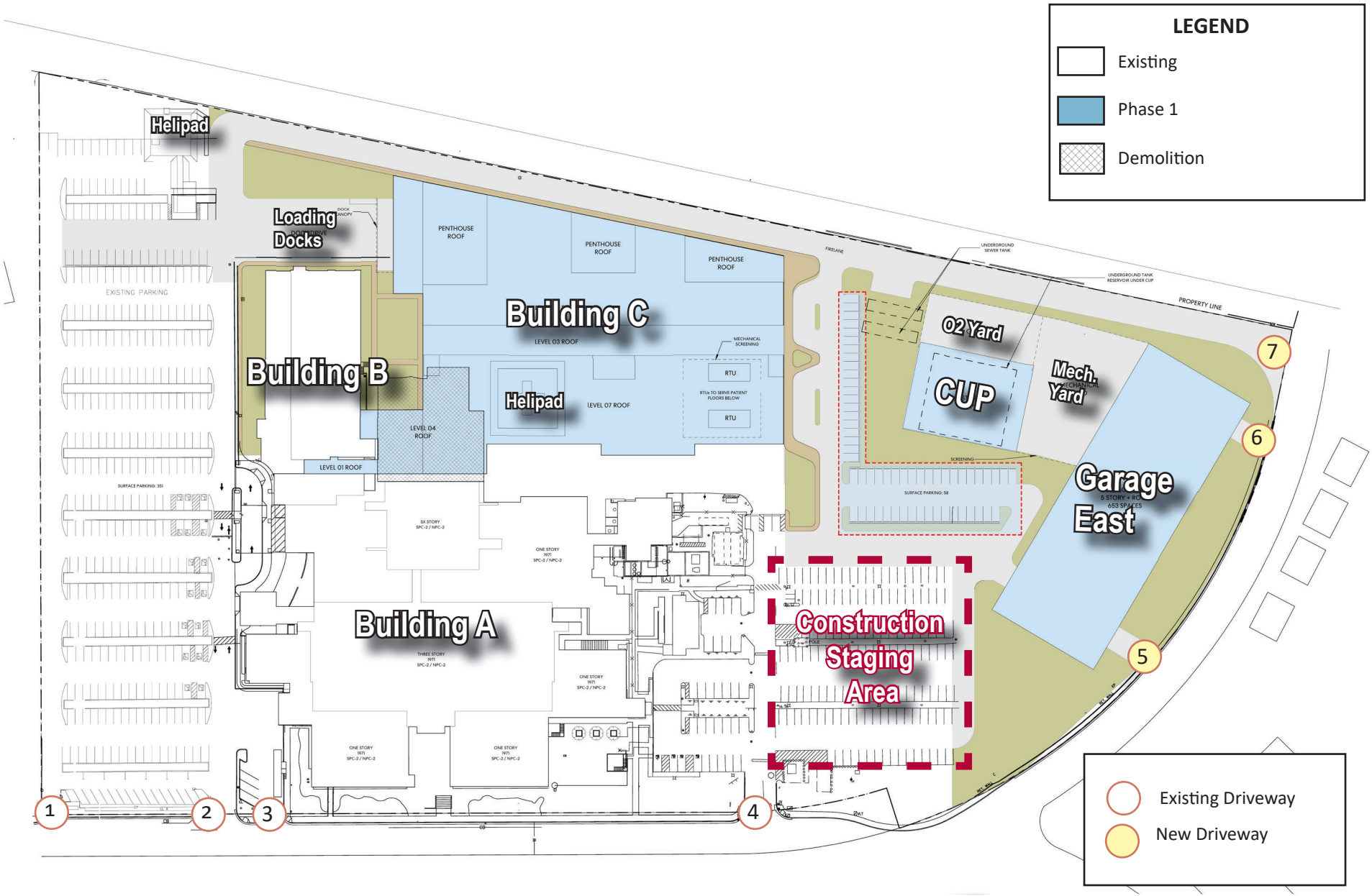
Source: Perkins and Will, 2023

Figure 4: Project Site Plan

Good Samaritan Hospital Master Plan
Technical Report

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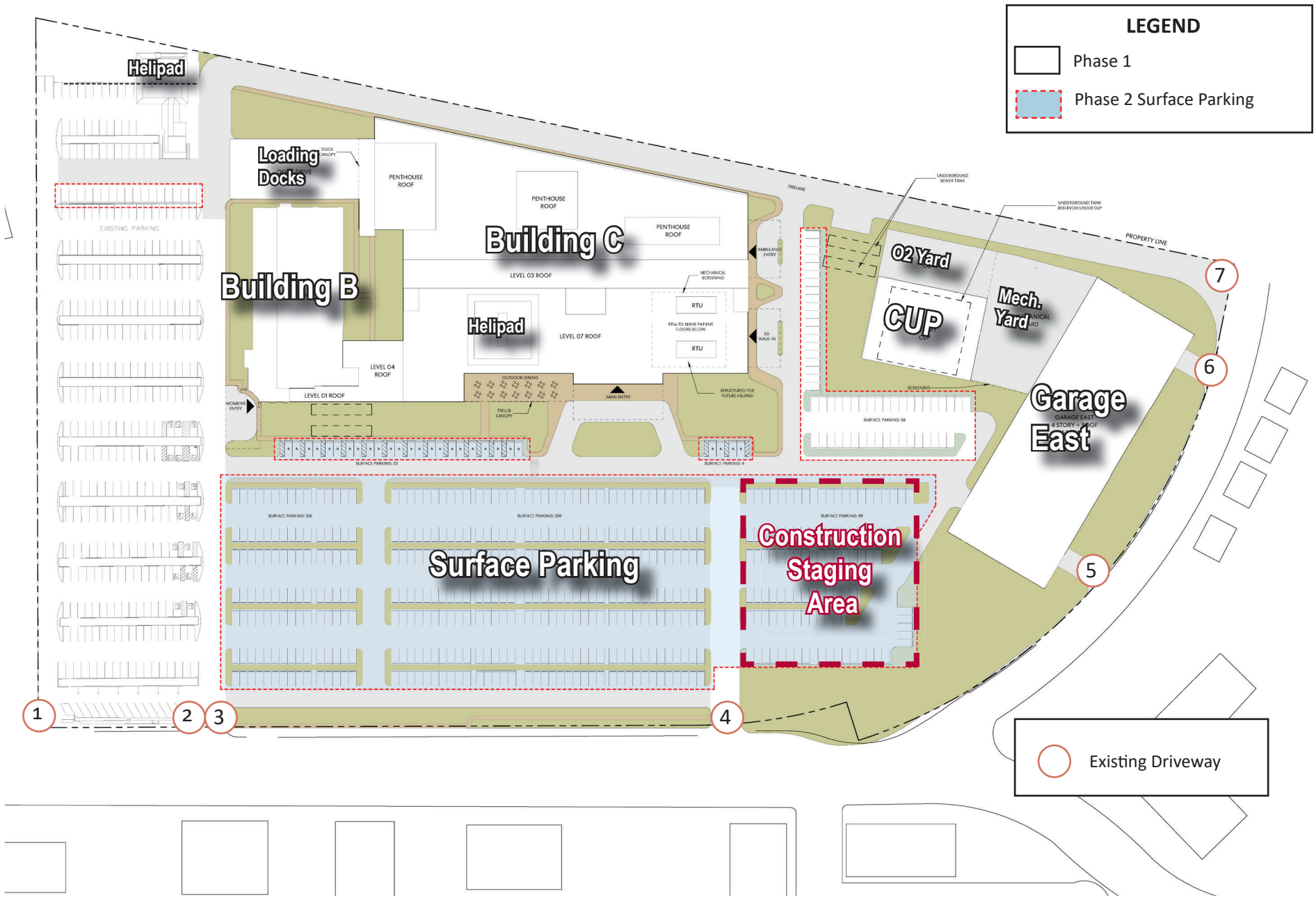
Source: Perkins and Will, 2023

Figure 5: Proposed Project Phase 1 Conceptual Site Plan

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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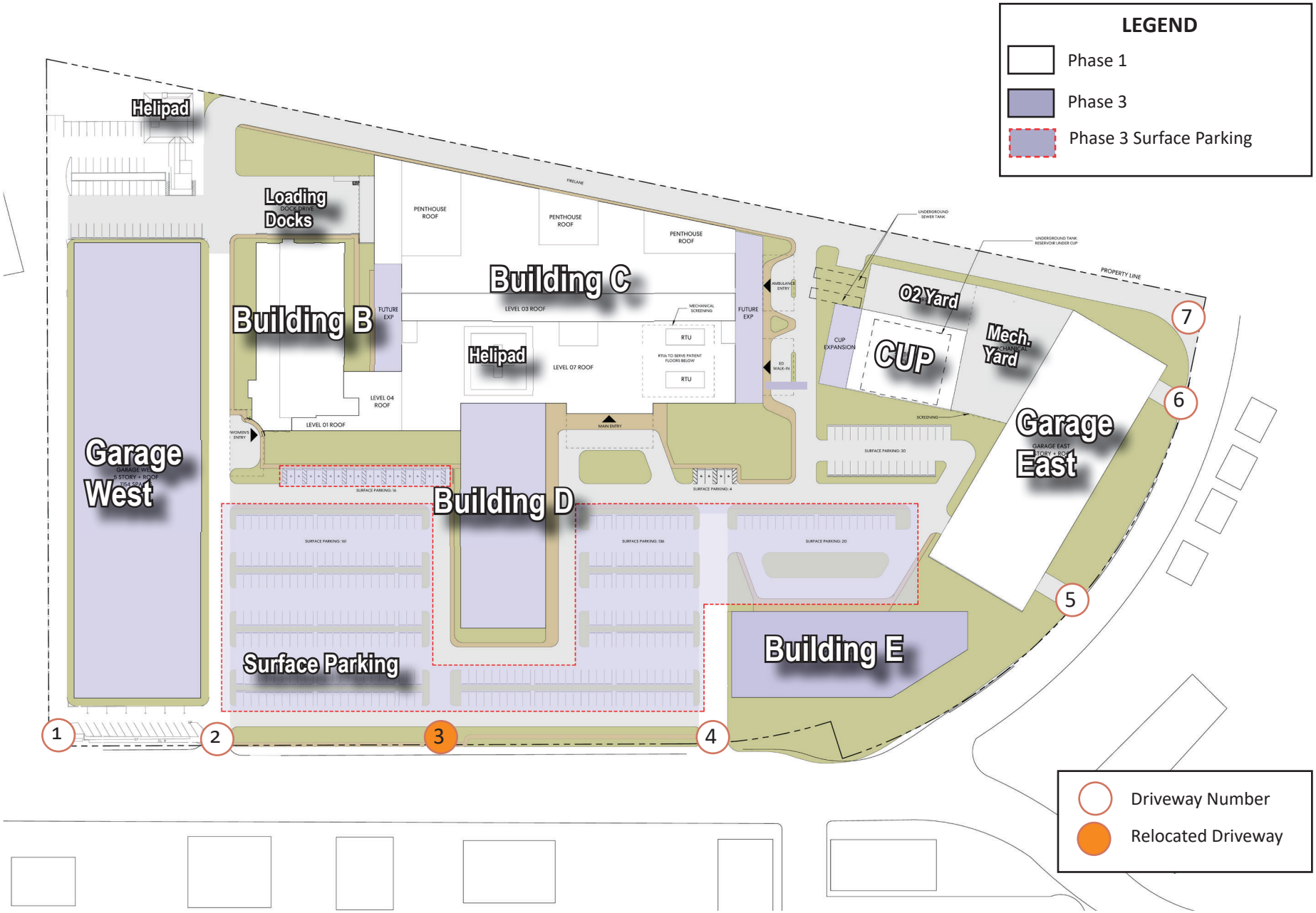
Source: Perkins and Will, 2023

Figure 6: Proposed Project Phase 2 Conceptual Site Plan

Good Samaritan Hospital Master Plan
Technical Report

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Source: Perkins and Will, 2023

Figure 7: Proposed Buildout Conceptual Site Plan

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

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2 ACOUSTIC FUNDAMENTALS

2.1 SOUND AND ENVIRONMENTAL NOISE

Acoustics is the science of sound. Sound can be described as the mechanical energy of a vibrating object transmitted by pressure waves through a medium (e.g. air) to human (or animal) ear. If the pressure variations occur frequently enough (at least 20 times per second), they can be heard and are called sound. The number of pressure variations per second is called the frequency of sound and is expressed as cycles per second, or hertz (Hz).

Noise is defined as loud, unexpected, or annoying sound. The fundamental acoustics model consists of a noise source, receptor, and the propagation path between the two. The loudness of the noise source, obstructions, or atmospheric factors affecting the propagation path, determine the perceived sound level and noise characteristics at the receptor. Acoustics deal primarily with the propagation and control of sound. A typical noise environment consists of ambient noise that is the sum of many distant and indistinguishable noise sources. The sound from individual local sources is superimposed on this background noise. These sources can vary from an occasional aircraft or train passing by to continuous noise from traffic on a major highway. Perceptions of sound and noise are highly subjective from person to person.

Measuring sound directly in terms of pressure would require a large range of numbers. To avoid this, the decibel (dB) scale was devised. The dB scale uses the hearing threshold of 20 micropascals (µPa) as a point of reference, defined as 0 dB. Other sound pressures are then compared to this reference pressure, and the logarithm is taken to keep the numbers in a practical range. The dB scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels correspond closely to human perception of relative loudness. Table 1: Typical Noise Levels provides typical noise levels.

Table 1: Typical Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	– 110 –	Rock Band
Jet fly-over at 1,000 feet		
	– 100 –	
Gas lawnmower at 3 feet		
	– 90 –	
Diesel truck at 50 feet at 50 miles per hour		Food blender at 3 feet
	– 80 –	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawnmower, 100 feet	– 70 –	Vacuum cleaner at 10 feet
Commercial area		Normal Speech at 3 feet
Heavy traffic at 300 feet	– 60 –	
		Large business office
Quiet urban daytime	– 50 –	Dishwasher in next room
Quiet urban nighttime	– 40 –	Theater, large conference room (background)
Quiet suburban nighttime		
	– 30 –	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	– 20 –	
		Broadcast/recording studio
	– 10 –	
Lowest threshold of human hearing	– 0 –	Lowest threshold of human hearing

Source: California Department of Transportation, *Technical Noise Supplement to the Traffic Noise Analysis Protocol*, September 2013.

Noise Descriptors

The dB scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Several rating scales have been developed to analyze the adverse effect of community noise on people. Because environmental noise fluctuates over time, these scales consider that the effect of noise on people is largely dependent on the total acoustical energy content of the noise, as well as the time of day when the noise occurs. Most commonly, environmental sounds are described in terms of L_{eq} that has the same acoustical energy as the summation of all the time-varying events. While the equivalent noise level (L_{eq}) represents the continuous sound pressure level over a given time period, the day-night noise level (L_{dn}) and Community Equivalent Noise Level (CNEL) are measures of energy average during a 24-hour period. Each is applicable to this analysis and defined Table 2: Definitions of Acoustical Terms.

Table 2: Definitions of Acoustical Terms

Term	Definitions
Decibel (dB)	A unit describing the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in µPa (or 20 micronewtons per square meter), where 1 pascal is the pressure resulting from a force of 1 newton exerted over an area of 1 square meter. The sound pressure level is expressed in dB as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e.g. 20 µPa). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency (Hz)	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sound are below 20 Hz and ultrasonic sounds are above 20,000 Hz.

Term	Definitions
A-Weighted Sound Level (dBA)	The sound pressure level in dB as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
Equivalent Noise Level (L_{eq})	The average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
Maximum Noise Level (L_{max}) Minimum Noise Level (L_{min})	The maximum and minimum dBA during the measurement period.
Exceeded Noise Levels (L_1, L_{10}, L_{50}, L_{90})	The dBA values that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day-Night Noise Level (L_{dn})	A 24-hour average L_{eq} with a 10 dBA weighting added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity at nighttime. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.4 dBA L_{dn}.
Community Noise Equivalent Level (CNEL)	A 24-hour average L_{eq} with a 5 dBA weighting during the hours of 7:00 a.m. to 10:00 a.m. and a 10 dBA weighting added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the evening and nighttime, respectively. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.7 dBA CNEL.
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends on its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.

Because sound levels can vary markedly over a short period of time, a method for describing either the average character of the sound (L_{eq}) or the statistical behavior of the variations (L_{XX}) must be used. The scientific instrument used to measure noise is the sound level meter. Sound level meters can accurately measure environmental noise levels to within about plus or minus 1 dBA. Various computer models are used to predict environmental noise levels from sources, such as roadways and airports. The accuracy of the predicted models depends on various factors, such as the distance between the receptor and the noise source, the character of the ground surface (e.g., hard or soft), and the presence or absence of structures (e.g., walls or buildings) or topography and how well model inputs reflect these conditions present in the local setting.

A-Weighted Decibels

The perceived loudness of sounds is dependent on many factors, including sound pressure level and frequency content. However, within the usual range of environmental noise levels, perception of loudness is relatively predictable and can be approximated by dBA values. There is a strong correlation between dBA and the way the human ear perceives sound. For this reason, the dBA has become the standard tool of environmental noise assessment. All noise levels reported in this document are in terms of dBA, but are expressed as dB, unless otherwise noted.

Addition of Decibels

The dB scale is logarithmic, not linear, and therefore sound levels cannot be added or subtracted through ordinary arithmetic. Two sound levels 10 dB apart differ in acoustic energy by a factor of 10.[1] When the standard logarithmic dB is A-weighted, an increase of 10 dBA is generally perceived as a doubling in loudness.[2] For example, a 70-dBA sound is half as loud as an 80-dBA sound and twice as loud as a 60-dBA sound. When two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be 3 dBA higher than one source under the same conditions. Under the dB scale, three sources of equal loudness together would produce an increase of 5 dBA.

Sound Propagation and Attenuation

Sound spreads (propagates uniformly outward in a spherical pattern, and the sound level decreases (attenuates) at a rate of approximately 6 dB for each doubling of distance from a stationary or point source.[3] Sound from a line source, such as a highway, propagates outward in a cylindrical pattern. Sound levels attenuate at a rate of approximately 3 dB for each doubling of distance from a line source, such as a roadway, depending on ground surface characteristics.[4] No excess attenuation is assumed for hard surfaces like a parking lot or a body of water. Soft surfaces, such as soft dirt or grass, can absorb sound, so an excess ground-attenuation value of 1.5 dB per doubling of distance is normally assumed when soft ground conditions exist between the source and receptor locations.[5] For line sources, an overall attenuation rate of 3 dB per doubling of distance is assumed in this report.

Noise levels may also be reduced by intervening structures; generally, a single row of buildings between the noise receptor and the noise source reduces the noise level by about 5 dBA, while a solid wall or berm can reduce noise levels by 5 to 15 dBA.[6] The way older homes in California were constructed generally provides a reduction of exterior-to-interior noise levels of about 20 to 25 dBA with closed windows. The exterior-to-interior reduction of newer residential units is generally 30 dBA or more.

Human Response to Noise

The human response to environmental noise is subjective and varies considerably from individual to individual. Noise in the community has often been cited as a health problem, not in terms of actual physiological damage, such as hearing impairment, but in terms of inhibiting general well-being and contributing to undue stress and annoyance. The health effects of noise in the community arise from interference with human activities, including sleep, speech, recreation, and tasks that demand concentration or coordination. Hearing loss can occur at the highest noise intensity levels.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day or night or over a 24-hour period. Environmental noise levels are generally considered low when the CNEL is below 60 dBA, moderate in the 60 to 70 dBA range, and high above 70 dBA.[7] Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet, suburban, residential streets with noise levels around 40 dBA. Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate-level noise environments are urban residential or semi-

1 California Department of Transportation, *Technical Noise Supplement to the Traffic Noise Analysis Protocol*, September 2013.
2 California Department of Transportation, *Technical Noise Supplement to the Traffic Noise Analysis Protocol*, September 2013.
3 Federal Transit Administration; Transit Noise and Vibration Assessment Manual, 2018.
4 Federal Transit Administration; Transit Noise and Vibration Assessment Manual, 2018.
5 Federal Highway Administration, *FHWA Traffic Noise Model User's Guide*, January 1998.
6 Federal Highway Administration, *Highway Traffic and Construction Noise - Problem and Response*, April 2006.
7 Compiled from James P. Cowan, *Handbook of Environmental Acoustics,* 1994, and Cyril M. Harris, *Handbook of Noise Control*, 1979.

commercial areas (typically 55 to 60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most would accept the higher levels associated with noisier urban residential or residential-commercial areas (60 to 75 dBA) or dense urban or industrial areas (65 to 80 dBA). Regarding increases in dBA, the following relationships should be noted:[8]

- Except in carefully controlled laboratory experiments, a 1-dBA change cannot be perceived by humans.
- Outside of the laboratory, a 3-dBA change is considered a just-perceivable difference.
- A minimum 5-dBA change is required before any noticeable change in community response would be expected. A 5-dBA increase is typically considered substantial.
- A 10-dBA change is subjectively heard as an approximate doubling in loudness and would almost certainly cause an adverse change in community response.

Effects of Noise on People

Hearing Loss. While physical damage to the ear from an intense noise impulse is rare, a degradation of auditory acuity can occur even within a community noise environment. Hearing loss occurs mainly due to chronic exposure to excessive noise but may be due to a single event such as an explosion. Natural hearing loss associated with aging may also be accelerated from chronic exposure to loud noise. The Occupational Safety and Health Administration has a noise exposure standard that is set at the noise threshold where hearing loss may occur from long-term exposures. The maximum allowable level is 90 dBA averaged over 8 hours. If the noise is above 90 dBA, the allowable exposure time is correspondingly shorter.[9]

Annoyance. Attitude surveys are used for measuring the annoyance felt in a community for noises intruding into homes or affecting outdoor activity areas. In these surveys, it was determined that causes for annoyance include interference with speech, radio and television, house vibrations, and interference with sleep and rest. The L_{dn} as a measure of noise has been found to provide a valid correlation of noise level and the percentage of people annoyed. People have been asked to judge the annoyance caused by aircraft noise and ground transportation noise. There continues to be disagreement about the relative annoyance of these different sources. A noise level of about 65 dBA L_{dn} is the threshold at which a 12 percent of people begin to report annoyance which is considered significant.[10]

2.2 GROUNDBORNE VIBRATION

Sources of groundborne vibrations include natural phenomena (earthquakes, volcanic eruptions, sea waves, landslides, etc.) or man-made causes (explosions, machinery, traffic, trains, construction equipment, etc.). Vibration sources may be continuous (e.g. factory machinery) or transient (e.g. explosions). Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several different methods are typically used to quantify vibration amplitude. One is the peak particle velocity (PPV); another is the root mean square (RMS) velocity. The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave and is expressed in terms of inches-per-second (in/sec). The RMS velocity is defined as the average of the squared amplitude of the signal and is

8 Compiled from California Department of Transportation, *Technical Noise Supplement to the Traffic Noise Analysis Protocol*, September 2013, and Federal Highway Administration, *Noise Fundamentals,* 2017.

9 U.S. Department of Labor, Occupational Safety and Health Standards, *29 CFR 1910* (Occupational Noise Exposure).

10 Federal Interagency Committee on Noise, *Federal Agency Review of Selected Airport Noise Analysis Issues*, August 1992.

expressed in terms of velocity decibels (VdB). The PPV and RMS vibration velocity amplitudes are used to evaluate human response to vibration.

Table 3: Human Reaction and Damage to Buildings, displays the reactions of people and the effects on buildings produced by continuous vibration levels. The annoyance levels shown in the table should be interpreted with care since vibration may be found to be annoying at much lower levels than those listed, depending on the level of activity or the individual's sensitivity. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors, or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage. In high noise environments, which are more prevalent where groundborne vibration approaches perceptible levels, this rattling phenomenon may also be produced by loud airborne environmental noise causing induced vibration in exterior doors and windows.

Table 3: Human Reaction and Damage to Buildings for Continuous or Frequent Intermittent Vibration

Maximum PPV (in/sec)	Vibration Annoyance Potential Criteria	Vibration Damage Potential Threshold Criteria	FTA Vibration Damage Criteria
0.008	-	Extremely fragile historic buildings, ruins, ancient monuments	-
0.01	Barely Perceptible	-	-
0.04	Distinctly Perceptible	-	-
0.1	Strongly Perceptible	Fragile buildings	-
0.12	-	-	Buildings extremely susceptible to vibration damage
0.2	-	-	Non-engineered timber and masonry buildings
0.25	-	Historic and some old buildings	-
0.3	-	Older residential structures	Engineered concrete and masonry (no plaster)
0.4	Severe	-	-
0.5	-	New residential structures, Modern industrial/commercial buildings	Reinforced-concrete, steel, or timber (no plaster)
PPV = peak particle velocity; in/sec = inches per second; FTA = Federal Transit Administration			
Source: California Department of Transportation, Transportation and Construction Vibration Guidance Manual, 2020 and Federal Transit Administration; Transit Noise and Vibration Assessment Manual, 2018.			

Ground vibration can be a concern in instances where buildings shake, and substantial rumblings occur. However, it is unusual for vibration from typical urban sources such as buses and heavy trucks to be perceptible. Common sources for groundborne vibration are planes, trains, and construction activities such as earth-moving which requires the use of heavy-duty earth moving equipment. For the purposes of this analysis, a PPV (in/sec) is used to evaluate construction-generated vibration for building damage and human complaints.

3 REGULATORY SETTING

To limit population exposure to physically or psychologically damaging as well as intrusive noise levels, the Federal government, the State of California, various county governments, and most municipalities in the state have established standards and ordinances to control noise.

3.1 FEDERAL

No federal laws, regulations, or policies for construction-related noise and vibration directly apply to the proposed project. However, the Federal Transit Administration (FTA) has developed general assessment criteria for analyzing construction noise. Although FTA standards are intended for federally funded mass transit projects, the impact assessment procedures and criteria included in the FTA's Transit Noise and Vibration Impact Assessment Manual (FTA 2018) routinely are used to evaluate a variety of projects proposed by local jurisdictions (i.e., not exclusively used for transit projects). The FTA construction guidelines state that each A-weighted sound level increase of 10 dB corresponds to an approximate doubling of subjective loudness. As a result, a 10-dB increase in the ambient noise level is often used as the threshold to determine if an increase in ambient noise levels because of construction would be considered substantial.

3.2 STATE OF CALIFORNIA

California Government Code

California Government Code Section 65302(f) mandates that the legislative body of each county and city adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines established by the State Department of Health Services. The guidelines rank noise land use compatibility in terms of "normally acceptable", "conditionally acceptable", "normally unacceptable", and "clearly unacceptable" noise levels for various land use types. Single-family homes are "normally acceptable" in exterior noise environments up to 60 CNEL and "conditionally acceptable" up to 70 CNEL. Multiple-family residential uses are "normally acceptable" up to 65 CNEL and "conditionally acceptable" up to 70 CNEL. Schools, libraries, and churches are "normally acceptable" up to 70 CNEL, as are office buildings and business, commercial, and professional uses.

Title 24 – Building Code

The State's noise insulation standards are codified in the California Code of Regulations, Title 24: Part 1, Building Standards Administrative Code, and Part 2, California Building Code. These noise standards are applied to new construction in California for interior noise compatibility from exterior noise sources. The regulations specify that acoustical studies must be prepared when noise-sensitive structures, such as residential buildings, schools, or hospitals, are located near major transportation noise sources, and where such noise sources create an exterior noise level of 65 dBA CNEL or higher. Acoustical studies that accompany building plans must demonstrate that the structure has been designed to limit interior noise in habitable rooms to 45 dBA CNEL. Compliance with Title 24 interior noise standards occurs during the permit review process and generally protects a proposed project's users from existing ambient outdoor noise levels.

California Department of Transportation

Caltrans provides guidelines regarding vibration associated with construction and operation of transportation infrastructure. Table 3 provides Caltrans' vibration guidelines for potential damage to different types of structures. Generally, people are more sensitive to vibration during nighttime hours, when sleeping, rather than daytime hours. Numerous studies have been conducted to characterize the human response to vibration. Table 3 also provides Caltrans' guidelines regarding vibration annoyance potential (expressed as PPV).

3.3 LOCAL

City of San José

The San José General Plan identifies goals, policies, and implementations in the Noise Element. The Noise Element provides a basis for comprehensive local programs to regulate environmental noise and protect citizens from excessive exposure. Table 4: Land-Use Compatibility Guidelines for Community Noise in San José highlights five land-use categories and the outdoor noise compatibility guidelines.

Table 4: Land-Use Compatibility Guidelines for Community Noise in San José

Land-Use Category	Exterior Noise Exposure (DNL), in dBA		
	Normally Acceptable[1]	Conditionally Acceptable[2]	Normally Unacceptable[3]
Residential, Hotels and Motels, Hospitals, and Residential Care	Up to 60	>60 to 75	>75
Outdoor Sports and Recreation, Neighborhood Parks and Playgrounds	Up to 65	>65 to 80	>80
Schools, Libraries, Museums, Meeting Halls, Churches	Up to 60	>60 to 75	>75
Office Buildings, Business Commercial, and Professional Offices	Up to 70	>70 to 80	>75
Sports Area, Outdoor Spectator Sports	Up to 70	>70 to 80	>65
Public and Quasi-Public Auditoriums, Concert Halls, Amphitheaters	-	>55 to 70	>70

1. Normally Acceptable – Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.
2. Conditionally Acceptable – Specified land use may be permitted only after detailed analysis of the noise reduction requirements and noise mitigation features included in the design.
3. Unacceptable – New construction or development should generally not be undertaken because mitigation is usually not feasible to comply with noise element policies. Development will only be considered when technically feasibly mitigation is identified that is also compatible with relevant design guidelines.

Source: City of San José General Plan, 2023

The following lists applicable noise goals and targets that apply to the Project obtained from the Envision San José 2040 General Plan:

Goal EC – 1: Minimize the impact of noise on people through noise reduction and suppression techniques, and through appropriate land use policies.

Policy EC – 1.1: Locate new development in areas where noise levels are appropriate for the proposed uses. Consider federal, state and City noise standards and guidelines as a part of new

development review. Applicable standards and guidelines for land uses in San José include:

Interior Noise Levels

The City's standard for interior noise Levels in residences, hotels, motels, residential care facilities, and hospitals is 45 dBA Day/Night Average Sound Level (DNL). Include appropriate site and building design, building construction and noise attenuation techniques in new development to meet this standard. For sites with exterior noise levels of 60 dBA DNL or more, an acoustical analysis following protocols in the City-adopted California Building Code is required to demonstrate that development projects can meet this standard. The acoustical analysis shall base required noise attenuation techniques on expected Envision San José 2040 General Plan traffic volumes to ensure land use compatibility and consistency over the life of this plan.

Exterior Noise Levels

The City's acceptable exterior noise level objective is 60 dBA DNL or less for residential and most institutional land uses (Table 4 above). The acceptable exterior noise level objective is established for the City, except in the environs of the Mineta San José International Airport and the Downtown, as described below:

For new multi-family residential projects and for the residential component of mixed-use development, use a standard of 60 dBA DNL in usable outdoor activity areas, excluding balconies and residential stoops and porches facing existing roadways. Some common use areas that meet the 60 dBA DNL exterior standard will be available to all residents. Use noise attenuation techniques such as shielding by buildings and structures for outdoor common use areas. On sites subject to aircraft overflights or adjacent to elevated roadways, use noise attenuation techniques to achieve the 60 dBA DNL standards for noise from sources other than aircraft and elevated roadway segments.

Policy EC – 1.2: Minimize the noise impacts of new development on land uses sensitive to increased noise levels (Categories 1, 2, 3 and 6) by limiting noise generation and by requiring use of noise attenuation measures such as acoustical enclosures and sound barriers, where feasible. The City considers significant noise impacts to occur if a project would:

- Cause the DNL at noise sensitive receptors to increase by five dBA DNL or more where the noise levels would remain "Normally Acceptable"; or
- Cause the DNL at noise sensitive receptors to increase by three dBA DNL or more where noise levels would equal or exceed the "Normally Acceptable" level.

Policy EC – 1.3: Mitigate noise generation of new nonresidential land uses to 55 dBA DNL at the property line when located adjacent to existing or planned noise sensitive residential and public/quasi-public land uses.

Policy EC – 1.6: Regulate the effects of operational noise from existing and new industrial and commercial development on adjacent uses through noise standards in the City's Municipal Code.

Policy EC – 1.7: Require construction operations within San José to use best available noise suppression devices and techniques and limit construction hours near residential uses per the City's Municipal Code. The City considers significant construction noise impacts to occur if a project located within 500 feet of residential uses or 200 feet of commercial or office uses would:

- Involve substantial noise generating activities (such as building demolition, grading, excavation, pile driving, use of impact equipment, or building framing) continuing for more than 12 months.

For such large or complex projects, a construction noise logistics plan that specifies hours of construction, noise and vibration minimization measures, posting or notification of construction schedules, and designation of a noise disturbance coordinator who would respond to neighborhood complaints will be required to be in place prior to the start of construction and implemented during construction to reduce noise impacts on neighboring residents and other uses.

Policy EC – 1.13: Update noise limits and acoustical descriptors in the Zoning Code to clarify noise standards that apply to land uses throughout the City.

Policy EC – 1.14: Require acoustical analyses for proposed sensitive land uses in areas with exterior noise levels exceeding the City's noise and land use compatibility standards to base noise attenuation techniques on expected Envision General Plan traffic volumes to ensure land use compatibility and General Plan consistency.

Goal EC – 2: Minimize vibration impacts on people, residences, and business operations.

Policy EC – 2.3: Require new development to minimize continuous vibration impacts to adjacent uses during demolition and construction. For sensitive historic structures, including ruins and ancient monuments or building that are documented to be structurally weakened, a continuous vibration limit of 0.08 in/sec PPV will be used to minimize the potential for cosmetic damage to a building. A continuous vibration limit of 0.20 in/sec PPV will be used to minimize the potential for cosmetic damage at buildings of normal conventional construction. Equipment or activities typical of generating continuous vibration include but are not limited to: excavation equipment; static compaction equipment; vibratory pile drivers; pile-extraction equipment; and vibratory compaction equipment. Avoid use of impact pile drivers within 125 feet of any buildings, and within 300 feet of historical buildings, or buildings in poor condition. On a project-specific basis, this distance of 300 feet may be reduced where warranted by a technical study by a qualified professional that verifies that there will be virtually no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction. Transient vibration impacts may exceed a vibration limit of 0.08 in/sec PPV only when and where warranted by a technical study by a qualified professional that verifies that there will be virtually

no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction.

City of San José Municipal Code

According to San José Municipal Code, Section 20.100.450, construction hours within 500 feet of a residential unit are limited to the hours of 7:00 a.m. to 7:00 p.m. on Monday through Friday, unless otherwise allowed in a Development Permit or other planning approval. The Municipal Code does not establish quantitative noise limits for construction activities in the City. Table 5: City of San José Zoning Ordinance Noise Standards shows the San José standards for maximum noise level at the property line.

Table 5: City of San José Zoning Ordinance Noise Standards

Land Use Types	Maximum Noise Level in Decibels at Property Line
Commercial use adjacent to a property used or zoned for residential purposes	55
Commercial use adjacent to a property used or zoned for commercial purposes or use other than commercial or residential purposes	60
Source: City of San José Municipal Code section 20.40.600.	

Town of Los Gatos

Because the Project site is 990 feet east from the Town of Los Gatos boundary line, the pertinent noise standards and regulations for the City of Los Gatos are provided below and discussed in the analysis for informational purposes. The Environment and Sustainability Element of the Los Gatos General Plan contains land use compatibility guidelines which are summarized in Table 6: Los Gatos Land Use Noise Compatibility Criteria.

Table 6: Los Gatos Land Use Noise Compatibility Criteria

Land Use Category	Community Noise Exposure (L_{dn} or CNEL, dBA)			
	Normally Acceptable	Conditionally Acceptable	Normally Unacceptable	Clearly Unacceptable
Residential-Low Density Single-Family, Duplex, Mobile Homes	<60	55 – 70	70 – 75	75<
Residential Multi-Family	<65	60 – 70	70 – 75	75<
Commercial-Motels, Hotels, Transient Lodging	<65	60 – 70	70 – 80	80<
Schools, Libraries, Churches, Hospitals, Nursing Homes	<70	60 – 70	70 – 80	80<
Amphitheaters, Concert Hall, Auditorium, Meeting Hall	-	50 – 70	-	65<
Sports Arenas, Outdoor Spectator Sports	-	50 – 75	-	70<
Playgrounds, Neighborhood Parks	<70	-	67.5 – 75	72.5<
Golf Courses, Riding Stables, Water Recreation, Cemeteries	<75	-	70 – 80	80<
Office Buildings, Business Commercial, Professional, and Mixed-Use Developments	<70	67.5 – 77.5	75 – 90<	90<
Industrial, Manufacturing, Utilities, Agriculture	<75	70 – 80	75– 90<	90<
CNEL = Community Noise Equivalent Level; L_{dn} = Day/Night Average; NA = Not Applicable				
Normally Acceptable: Specified Land Use is satisfactory, based on the assumption that any buildings involved are of normal conventional construction, without any special insulation requirements.				

Conditionally Acceptable: Specified land use may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features are included in the design. Normally Unacceptable: New construction or development should generally be discouraged. A detailed analysis of noise reduction requirements must be made and needed noise insulation features included in design. Clearly Unacceptable: New construction or development should generally not be undertaken because mitigation is usually not feasible to comply with noise element policies.
Source: Town of Los Gatos, *General Plan Environment and Sustainability Element, 2022.*

Town of Los Gatos Municipal Code

Standards established under the Los Gatos Municipal Code are discussed for informational purposes. The City's Noise Ordinance (Chapter 16) purpose is to maintain or reduce noise levels in the City to avoid exposure to unacceptable or harmful noise generated by equipment and/or amplified sound that is subject to regulation and control by the City; placing noise limits for residential, commercial, and industrial zones; maintain appropriate noise level standards for construction-related activities; and identify applicable exemptions. Los Gatos noise limits from Chapter 16 of the Los Gatos Municipal Code is dependent on the location of sensitive receptors within the Los Gatos Noise Zone Maps. The ambient noise levels are based on the location of sensitive receptors in Los Gatos relevant to the Good Samaritan Hospital Project site. The ambient noise levels for the location of Los Gatos sensitive receptors in the Noise Zone Map are 55 dBA (6:00 a.m. to 1:00 p.m.), 59 dBA (1:00 p.m. to 10:00 p.m.), and 51 dBA (10:00 p.m. to 6:00 a.m.). For residential land uses, Section 16.20.015 of the Los Gatos Municipal Code states that a noise level more than 6 dB above the noise level specified for that noise zone shown in the Noise Zone Map exceeds the exterior noise level threshold. For commercial and industrial land uses, Section 16.20.025 of the Los Gatos municipal code states a noise level more than 8 dB above the noise level specified for that noise zone shown in the noise zone map exceeds the exterior noise level threshold. For public space land uses, Section 16.20.030 of the Los Gatos municipal code states a noise level more than 15 dB above the noise level specified for that noise zone shown in the noise zone map exceeds the exterior noise level threshold.

Section 16.20.036 limits construction to between the hours of 8:00 a.m. and 6:00 p.m. Monday through Friday and between 9:00 a.m. and 4:00 p.m. on Saturdays. Section 16.20.035 also prohibits construction noise exceeding 85 dBA at any point twenty-five feet or more from the source of noise. Construction is not allowed on Sundays or weekday holidays unless it is a homeowner or tenant personally performing construction, alteration, or repair activities on their own property between the hours of 9:00 a.m. and 4:00 p.m. on Sundays and holidays. Construction activities are allowed on Sundays and holidays if the Town manager or designee finds evidence of an emergency that imperils the public safety and the immediate health of the occupants. The chief building official may also modify the permitted hours of construction upon twenty-four (24) hours written notice to the contractor, applicant, developer, or owner. This construction is able to occur between 9:00 a.m. and 5:00 p.m. on Sundays and weekday holidays.

City of Campbell

Because the Project site is 1,100 feet southeast from the City of Campbell boundary line, the pertinent noise standards and regulations for the City of Campbell are provided below and discussed in the analysis below for informational purposes. The Noise Element of the Campbell General Plan contains land use compatibility guidelines which are summarized in Table 7: Campbell Land Use Compatibility for Community Noise Environment.

Table 7: Campbell Land Use Compatibility for Community Noise Environment

Land Use Category	Community Noise Exposure (L_{dn} or CNEL, dBA)			
	Normally Acceptable	Conditionally Acceptable	Normally Unacceptable	Clearly Unacceptable
Single-Family Residential	<60	60 – 70	-	70<
Multi-Family Residential[1], Hotels, and Motels	<65	65 – 75	-	75<
Schools, Libraries, Museums, Hospitals, Personal Care, Public Assembly	<65	65 – 75	-	75<
Outdoor Sports and Recreation, Playgrounds, Neighborhood Parks	<65	65 – 80	-	80<
Office Buildings, Business Commercial, and Professional	<67.5	67.5 – 77.5	-	77.5<
Industrial	<70	70 – 80	-	80<

CNEL = Community Noise Equivalent Level; L_{dn} = Day/Night Average; NA = Not Applicable

Normally Acceptable: Specified Land Use is satisfactory, based on the assumption that any buildings involved are of normal conventional construction, without any special insulation requirements.
Conditionally Acceptable: Specified land use may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features are included in the design.
Normally Unacceptable: New construction or development should generally be discouraged. A detailed analysis of noise reduction requirements must be made and needed noise insulation features included in design.
Clearly Unacceptable: New construction or development should generally not be undertaken because mitigation is usually not feasible to comply with noise element policies.

1. Residential components of Mixed-Use developments are subject to the Multi-Family Residential Noise Standards unless otherwise allowed in conjunction with Policy N-2.2.

Source: City of Campbell, *General Plan Noise Element Table N-1,* 2022.

City of Campbell Municipal Code

Standards established under the Campbell Municipal Code are discussed for informational purposes. The City's Noise Control Ordinance (Section 21.16.070) purpose is to prohibit unnecessary, excessive, and annoying sound levels from all sources. The City of Campbell is designated a quiet city, and at certain levels, sounds are detrimental to the welfare and health to the citizens of Campbell. Section 21.16.070 prescribes standards for and to provide effective and readily available standards and penalties for violations within this chapter. Section 18.04.052 further discusses time and noise standards and limitations as it relates to construction activities within Campbell. Campbell's noise standards are shown in Table 8: City of Campbell Stationary (Non-Transportation) Noise Source Standards.

Table 8: City of Campbell Stationary (Non-Transportation) Noise Source Standards

Land Use	Daytime (6:00 a.m. to 11:00 p.m.)		Nighttime (11:00 p.m. to 6:00 a.m.)	
	Average L_{eq}	**Maximum L_{max}**	**Average L_{eq}**	**Maximum L_{max}**
Residential	55	70	45	65

1. The residential standards apply to all properties that are zoned for residential use. The exterior noise level standard is to be applied at the property line of the receiving land use or at a designated outdoor activity area. For mixed-use projects, the exterior noise level standard may be waived (at the discretion of the decision-making body) if the residential portion of the project does not include a designated activity area and mitigation of property line noise is not practical.
2. Each of the noise levels specified above shall be lowered by 5 dBA for tonal noises characterized by a whine, screech, or hum, noises consisting primarily of speech or music, or recurring impulsive noises. In no case shall mitigation be required to a level that is less than existing ambient noise levels, as determined through measurements conducted during the same operational period as the subject noise source.
3. In situations where the existing noise level exceeds the noise levels indicated in the above table, any new noise source must include mitigation that reduces the noise level of the noise source to the existing level plus 3 dB

Source: City of Campbell, *General Plan Noise Element Table N-2, 2022*

Section 18.04.052 limits construction to between the hours of 8:00 a.m. and 5:00 p.m. Monday through Friday and between 9:00 a.m. and 4:00 p.m. on Saturdays. Section 18.04.052 also prohibits environmentally disruptive noise over 50 dB such as air compressors without mufflers, continuously running motors or generators, loud playing music or radios during the authorized hours of construction. Construction is not allowed on Sundays or weekday holidays unless it is a residential construction permitted for homeowner permits, when the work is being performed by only the owner of the property, provided no construction activity or loud noises are conducted prior to 6:00 a.m. or after 7:00 p.m. Monday through Saturday, and prior to 8:00 a.m. or after 6:00 p.m. on Sundays or holidays. Construction activities may be permitted at any hour or day of the week where emergency conditions exist as determined by the building official. An exception to the time of work activity may be granted to the general contractor if the building official determines that construction activity and/or noises will not be detrimental to adjacent neighbors. Hours of operation would be determined by the building official on a case-by-case basis. An exception for construction activity outside of the standard construction hours shall be permitted when under contracts awarded by the City for public improvements with working hours specified by the City engineer.

4 EXISTING CONDITIONS

4.1 EXISTING NOISE SOURCES

The City of San José is impacted by various noise sources. Mobile sources of noise, especially cars and trucks, are the most common and significant sources of noise in most communities. Other sources of noise are the various land uses (i.e., residential, commercial, institutional, and recreational and parks activities) throughout the City that generate stationary-source noise.

Noise Measurements

To determine the ambient noise levels in the Project area, five short-term (10-minute) noise measurements and one long-term (24-hour) noise measurement were taken using a Larson Davis SoundExpert LxT Type I integrating sound level meter on February 17, 2023; refer to Appendix A for existing noise measurement data and Figure 8: Noise Measurement Locations.

Short-Term measurement 1 (ST-1) and ST-4 were taken to represent the ambient noise level at residences to the east of the Project site; ST-1 was located in the parking lot of the Cambrian Center parking lot and ST-4 was positioned near the east parking lot entrance. ST-2 and ST-3 were taken to represent existing parking lot noise levels at the Project site; and ST-5 was taken to represent existing traffic noise levels along Samaritan Drive. Long-Term measurement 1 (LT-1) was taken to represent existing traffic, parking lot, siren, and pedestrian activity noise levels at the Project site. Table 9: Noise Measurements, provides the ambient noise levels measured at these locations.

Table 9: Noise Measurements

Site No.	Location	L_{eq} (dBA)	L_{min} (dBA)	L_{max} (dBA)	L_{dn} (dBA)	Time
ST-1	2360 Samaritan Place	58.1	52.8	75.2	-	9:27 a.m. –9:37 a.m.
ST-2	Parking lot south of the hospital across Samaritan Drive	58.6	50.1	69.3	-	9:48 a.m. –9:58 a.m.
ST-3	West of the hospital in the parking lot	56.7	53.4	68.3	-	10:33 a.m. – 10:43 a.m.
ST-4	Samaritan Drive near the east parking lot entrance	63.0	54.5	73.2	-	10:58 a.m. – 11:08 a.m.
ST-5	Intersection between Samaritan Court and Samaritan Drive	61.5	53.9	71.1	-	10:05 a.m. – 10:15 a.m.
LT-1	Samaritan Drive near the east parking lot entrance	62.8	42.6	97.4	67.5	11:23 a.m. – 11:23 a.m.

Source: Noise Measurements taken by Kimley-Horn on February 17, 2023.

Existing Mobile Noise

Existing roadway noise levels were calculated for the roadway segments in the Project vicinity. This task was accomplished using the Federal Highway Administration (FHWA) Highway Traffic Noise Prediction Model (FHWA-RD-77-108) and existing traffic volumes from the Project Traffic Impact Analysis (Kimley-Horn 2023). The noise prediction model calculates the average noise level at specific locations based on traffic volumes, average speeds, roadway geometry, and site environmental conditions. The average vehicle noise rates used in the FHWA model have been modified to reflect average vehicle noise rates identified for California by the California Department of Transportation (Caltrans). The Caltrans data

indicates that California automobile noise is 0.8 to 1.0 dBA higher than national levels and that medium and heavy truck noise is 0.3 to 3.0 dBA lower than national levels. The average daily noise levels along roadway segments in proximity to the Project site are included in Table 10: Existing Traffic Noise.

Table 10: Existing Traffic Noise

Roadway Segment	ADT	dBA L_{dn}[1]
Bascom Avenue		
North of East Mozart Avenue	36,130	67.2
South of East Mozart Avenue	36,110	67.3
South of Samaritan Drive	33,820	66.8
South of White Oaks Avenue	33,900	67.0
North of SR-85 North Ramp	34,680	67.1
South of 85 North Ramp	37,070	67.4
South of 85-South Ramp	41,090	67.8
Samaritan Drive		
East of National Avenue	23,720	63.2
East of Samaritan Court	16,610	61.7
West of Samaritan Court	16,830	60.3
East of Kinghurst Drive	16,360	61.6
West of Union Avenue	26,420	64.4
East of Bascom Avenue	25,660	63.5
West of Bascom Avenue	2,430	53.2
East of Samaritan Place	16,160	62.2
West of Samaritan Place	16,470	61.7
East of SR 85 South Off Ramp	26,650	64.5
West of SR-85 South Ramp	18,090	62.8
Samaritan Place		
North of Samaritan Drive	870	47.4
Union Avenue		
South of Camden Avenue	29,150	64.9
North of SR-85 North Ramp	38,240	66.1
South of SR-85 North Ramp	42,630	66.7
South of SR-85 South Ramp	38,190	66.1
North of Los Gatos-Almaden Road	28,670	64.8
Los Gatos Boulevard		
North of Walker Street	33,390	65.5
South of Walker Street	33,970	65.5
North of Lark Avenue	27,020	64.6
South of Lark Avenue	31,870	65.4
Lark Avenue		
West of Los Gatos Boulevard	26,190	63.6
East of SR-17 East Ramp	49,980	66.5

ADT = average daily trips; dBA = A-weighted decibels; L_{dn} = day-night noise level
1. Traffic noise levels are at 100 feet from the roadway centerline. The actual sound level at any receptor location is dependent upon such factors as the source-to-receptor distance and the presence of intervening structures, barriers, and topography.
Source: Based on traffic data provided by Kimley-Horn, 2023. Refer to Appendix A for traffic noise modeling assumptions and results.

The Project site is primarily surrounded by medical office buildings, apartments, and single-family residential neighborhoods. Residential uses exist east of the Project site. The existing mobile noise in the Project's immediate area are generated along Bascom Drive, which is west of the Project site, Samaritan Drive which is south of the Project site, and Samaritan Place which is east of the Project site.

Existing Stationary Noise

The primary sources of stationary noise in the Project vicinity are those associated with the operations of the existing hospital building on-site, nearby residential uses to the east of the site, and existing mixed-used commercial west of the Project site. The noise associated with these sources may represent a single-event noise occurrence, short-term noise, or long-term/continuous noise.

4.2 SENSITIVE RECEPTORS

Noise exposure standards and guidelines for various types of land uses reflect the varying noise sensitivities associated with each of these uses. Residences, hospitals, schools, guest lodging, libraries, and churches are treated as the most sensitive to noise intrusion and therefore have more stringent noise exposure targets than do other uses, such as manufacturing or agricultural uses that are not subject to impacts such as sleep disturbance.

City of San José Sensitive Receptors

As shown in Table 11: City of San José Sensitive Receptors and Figure 9: Sensitive Receptors, the nearest sensitive receptors include apartments approximately 45 feet southeast to the Project site across Samaritan Place, the Cambrian Center Retirement Home approximately 50 feet southeast of the Project site, and single family residences along Lost Oaks Drive approximately 200 feet south of the Project site. These distances are measured from the Project site to the sensitive receptor property line.

Table 11: City of San José Sensitive Receptors

Receptor Description	Distance and Direction from the Project Site[1]
Apartments along Samaritan Place	45 feet east
Cambrian Center Retirement Home	50 feet southeast
Residences along Lost Oaks Drive	200 feet south
Residences along Elester Court	230 feet southeast
Residences along Samaritan Drive	480 feet southeast
1. Distances are measured from the Project site boundary to the receptor property line.	
Source: Google Earth, 2023.	

Town of Los Gatos Sensitive Receptors

The Lost Gatos City boundary line is located along National Avenue, approximately 1,000 feet west of the Project site. As shown in Table 12: Town of Los Gatos Sensitive Receptors and Figure 9: Sensitive Receptors, nearest sensitive receptors include single-family residences along National Avenue approximately 990 feet west of the Project site, single-family residences along Cam Del Sol approximately

1,020 feet southwest, and single-family residences along Penn Way approximately 1,130 feet southwest. These distances are measured from the Project site to the nearest sensitive receptor property line.

Table 12: Town of Los Gatos Sensitive Receptors

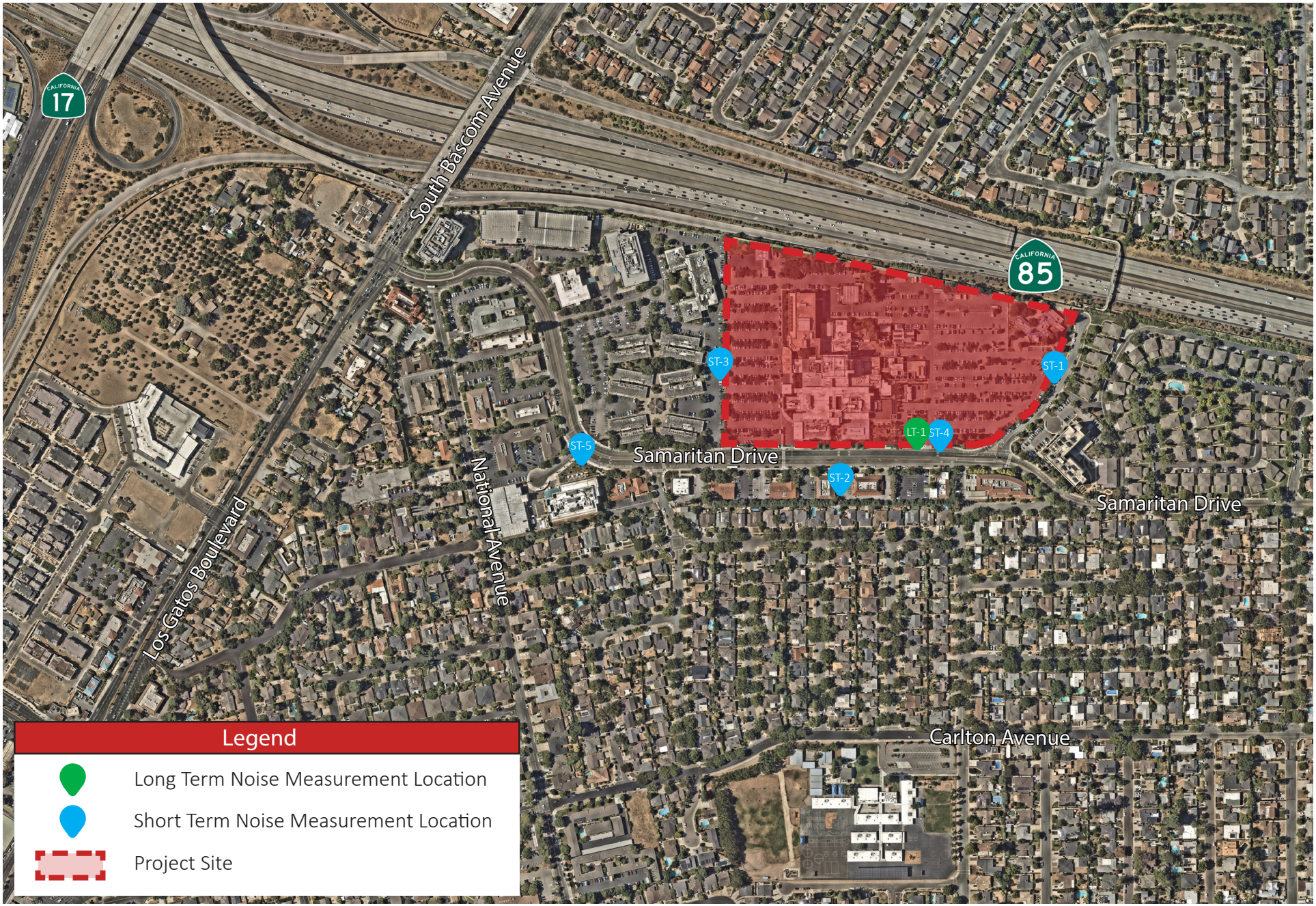
Receptor Description	Distance and Direction from the Project Site[1]
Single family residences along National Avenue	990 feet west
Single family residences along Cam Del Sol	1,020 feet southwest
Single family residences along Penn Way	1,130 feet southwest
1. Distances are measured from the Project site boundary to the receptor property line.	
Source: Google Earth, 2023.	

City of Campbell Sensitive Receptors

The Campbell City boundary line is located along South Bascom Avenue, approximately 1,100 feet northwest of the Project site. As shown in Table 13: City of Campbell Sensitive Receptors and Figure 9: Sensitive Receptors, nearest sensitive receptors include a single-family residence along East Mozart Avenue approximately 1,220 feet northwest, and multifamily residences along South Bascom Avenue approximately 1,250 feet northwest. These distances are measured from the Project site to the nearest sensitive receptor property line.

Table 13: City of Campbell Sensitive Receptors

Receptor Description	Distance and Direction from the Project Site[1]
Single-family Residence along East Mozart Avenue	1,220 feet northwest
Single-family residences along South Bascom Avenue	1,250 feet northwest
1. Distances are measured from the Project site boundary to the receptor property line.	
Source: Google Earth, 2023.	



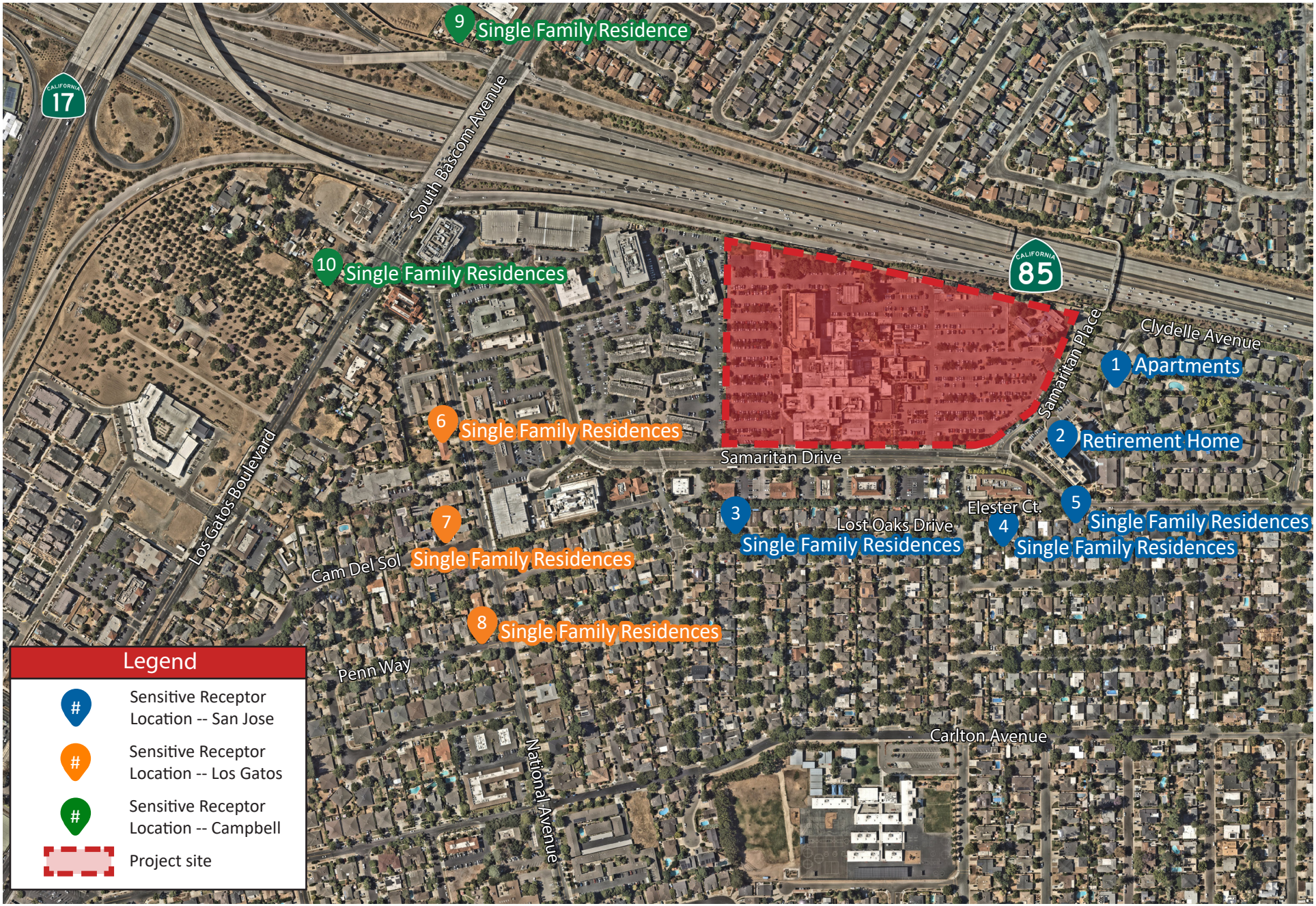
Source: Nearmap, 2023

Figure 8: Noise Measurement Locations

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

Kimley»Horn
Expect More. Experience Better.



Source: Nearmap, 2023

Figure 9: Sensitive Receptors

Good Samaritan Hospital Master Plan
Technical Report

Not to scale

Kimley»Horn
Expect More. Experience Better.

5 SIGNIFICANCE CRITERIA AND METHODOLOGY

5.1 CEQA THRESHOLDS

State Environmental Quality Act (CEQA) Guidelines Appendix G contains analysis guidelines related to noise impacts. These guidelines have been used by the City to develop thresholds of significance for this analysis. A project would create a significant environmental impact if it would:

NOI-1 Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;

NOI-2 Generate excessive groundborne vibration or groundborne noise levels; and

NOI-3 For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, expose people residing or working in the project area to excessive noise levels.

5.2 METHODOLOGY

Construction

Construction noise estimates are based upon typical noise levels generated by construction equipment published by the Federal Transit Administration (FTA) and FHWA. Construction noise is assessed in dBA L_{eq}. This unit is appropriate because L_{eq} can be used to describe noise level from operation of each piece of equipment separately, and levels can be combined to represent the noise level from all equipment operating during a given period. The FTA Transit Noise and Vibration Impact Assessment Manual (2018) (FTA Noise and Vibration Manual) identifies a maximum 8-hour noise level standard of 80 dBA L_{eq} at residential uses, 85 dBA L_{eq} at commercial, and 90 dBA L_{eq} at industrial uses for short-term construction activities. Noise generated by short-term construction activities below the FTA's maximum 8-hour noise level standard would have a less than significant impact.

Reference noise levels are used to estimate noise levels at nearby noise-sensitive receptors based on a standard noise attenuation rate of 6 dB per doubling of distance (line-of-sight method of sound attenuation for point sources of noise). Construction noise is analyzed at a distance from the property line of the nearest receptor to the main construction activity at the Project site to provide an average, representative construction noise level for the various phases. Construction noise level estimates do not account for the presence of intervening structures or topography, which may reduce noise levels at receptor locations. Therefore, the noise levels presented herein represent a conservative, reasonable worst-case estimate of actual temporary construction noise.

Operations

The analysis of the existing and future noise environments is based on noise prediction modeling and empirical observations. Reference noise level data are used to estimate the Project operational noise impacts from stationary sources. Noise levels are collected from field noise measurements and other published sources from similar types of activities are used to estimate noise levels expected with the Project's stationary sources. The reference noise levels are used to represent a worst-case noise

environment as noise level from stationary sources can vary throughout the day. On-site operational noise levels from the proposed Project were evaluated using SoundPLAN. This program computes predicted noise levels at noise-sensitive areas through a series of adjustments to reference sound levels. SoundPLAN also accounts for topography, groundcover type, and intervening structures. Reference noise level data are used to estimate the Project operational noise impacts from stationary sources. The Existing Year and With Project traffic noise levels in the Project vicinity were calculated using the FHWA Highway Noise Prediction Model (FHWA-RD-77-108).

Vibration

Groundborne vibration levels associated with Project construction-related activities were evaluated utilizing typical groundborne vibration levels associated with construction equipment, obtained from FTA published data for construction equipment. Potential groundborne vibration impacts related to structural damage and human annoyance were evaluated, considering the distance from construction activities to nearby land uses and typically applied criteria for structural damage and human annoyance.

For a building that is constructed with reinforced concrete with no plaster, the FTA guidelines show that a vibration level of up to 0.20 in/sec PPV is considered safe and would not result in any vibration damage. Human annoyance is evaluated in vibration decibels (VdB) (the vibration velocity level in decibel scale) and occurs when construction vibration rises significantly above the threshold of human perception for extended periods of time. The FTA Transit Noise and Vibration Manual identifies 80 VdB as the threshold for buildings where people normally sleep.

5.3 SIGNIFICANCE CRITERIA

This report relies on the following standards and significance criteria to evaluate potential noise and vibration impacts from the proposed Project in accordance with the CEQA thresholds of significance outlined above in Section 5.1: CEQA Thresholds.

Construction Noise

Per General Plan Policy EC-1.7, the City of San José considers projects involving substantial noise-generating activities (such as building demolition, grading, excavation, pile driving, use of impact equipment, or building framing) continuing for more than 12 months within 500 feet of residential land uses or within 200 feet of commercial land uses or offices to be significant and require the mitigation stated in Policy EC-1.7. The construction noise analysis also quantifies construction noise and compares the construction-related noise levels to the FTA's 8-hour average construction noise standards of 80 dBA L_{eq} at residential uses, 85 dBA L_{eq} at commercial uses, and 90 dBA L_{eq} at industrial uses.[11] The construction analysis compares construction noise to FTA thresholds for informational purposes.

Operational Noise

Per General Plan Policy EC-1.2, a significant permanent noise level increase would occur if the Project would result in: a) a noise level increase of 5 dBA L_{dn} or greater, with a future noise level of less than 60 dBA L_{dn}, or b) a noise level increase of 3 dBA L_{dn} or greater, with a future noise level of 60 dBA L_{dn} or

[11] Federal Transit Administration; Transit Noise and Vibration Assessment Manual, 2018.

greater. Additionally, a significant noise impact would be identified if the Project would expose persons to or generate noise levels that would exceed applicable noise standards presented in the General Plan.

Section 20.30.700 of the City's Municipal Code establishes a limit of 55 dBA for commercial areas adjacent to residential areas and 60 dBA for commercial uses adjacent to commercial areas, when measured at the property line. The analysis below compares generated noise levels to the Municipal Code standards, however, the Municipal Code is not used as a criterion to determine the significance of project impacts under CEQA.

Vibration

General Plan Policy EC-2.3 relies on guidance developed by Caltrans to address vibration impacts from development projects in San José. A vibration limit of 12.7 millimeters per second (mm/sec; 0.5 inch/sec) PPV is used for buildings that are structurally sound and designed to modern engineering standards. A conservative vibration limit of five mm/sec (0.2 inches/sec) PPV has been used for buildings that are found to be structurally sound but where structural damage is a major concern. For historic buildings or buildings that are documented to be structurally weakened, a conservative limit of two mm/sec (0.08 inches/sec) PPV is used to provide the highest level of protection.

6 POTENTIAL IMPACTS AND MITIGATION

6.1 ACOUSTICAL IMPACTS

Threshold 6.1 Would the Project generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Construction Noise

Project construction would last about 11.6 years, but result in only approximately 30 months of substantial noise generating activities. Construction activities would include demolition, grading, foundation work, and building framing. Excavation, cut and fill, and soil hauling also would be required as a part of construction. According to the applicant, pile-driving would also be required for the construction of the central utility plant.

Construction noise typically occurs intermittently and varies depending on the nature or phase of construction (e.g., land clearing, grading, excavation, paving). Noise generated by construction equipment, including earth movers, material handlers, and portable generators, can reach high levels. During construction, exterior noise levels could affect the residential neighborhoods surrounding the construction site. Project construction would occur approximately 45 feet from the nearest sensitive receptor to the east. However, construction activities would occur throughout the Project site and would not be concentrated at a single point near sensitive receptors. Noise levels typically attenuate (or drop off) at a rate of 6 dB per doubling of distance from point sources, such as industrial machinery.

Construction equipment could include but not limited to concrete/industrial saws, excavators, and dozers during demolition; dozers and tractors/loaders/ backhoes during site preparation; graders, dozers, and tractors during grading; cranes, forklifts, generators, pile drivers, tractors, and welders during building construction; pavers, rollers, mixers, tractors, and paving equipment during paving; and air compressors during architectural coating. Grading and excavation phases of Project construction tend to be the shortest in duration and create the highest construction noise levels due to the operation of heavy equipment required to complete these activities. It shall be noted that only a limited amount of equipment can operate near a given location at a particular time. Equipment typically used during this stage includes heavy-duty trucks, backhoes, bulldozers, excavators, front-end loaders, and scrapers. Operating cycles for these types of construction equipment may involve one or two minutes of full-power operation followed by three to four minutes at lower power settings. Other primary sources of noise would be shorter-duration incidents, such as dropping large pieces of equipment or the hydraulic movement of machinery lifts, which would last less than one minute. Typical noise levels associated with individual construction equipment at a distance of 50 feet are listed in Table 14: Typical Construction Noise Levels.

Table 14: Typical Construction Noise Levels

Equipment	Typical Noise Level (dBA) at 50 feet from Source
Air Compressor	80.0
Backhoe	80.0
Compactor	82.0
Concrete Mixer	85.0
Concrete Pump	82.0
Concrete Vibrator	76.0
Crane, Derrick	88.0
Crane, Mobile	83.0
Dozer	85.0
Generator	82.0
Grader	85.0
Impact Wrench	85.0
Jack Hammer	88.0
Loader	80.0
Paver	85.0
Impact Pile Driver	101.0
Pneumatic Tool	85.0
Pump	77.0
Roller	85.0
Saw	83.0
Scraper	85.0
Shovel	82.0
Truck	84.0
Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, September 2018.	

The FHWA Roadway Construction Noise Model (RCNM) was used to calculate noise levels during construction activities; refer to Appendix A. RCNM is a computer program used to assess construction noise impacts and allows for user-defined construction equipment and user-defined noise limit criteria. Noise levels were calculated for each construction phase and are based on the equipment used, distance to the nearest property/receptor, and acoustical use factor for equipment. In accordance with FTA methodologies, distances were measured from the property line of the receptor to the main construction activity area for each construction phase. Noise levels discussed below assume equipment would operate continuously.

Table 15: Project Construction Noise Levels shows the Project's exterior construction noise levels would range from approximately 54 dBA L_{eq} to 75 dBA L_{eq} at the nearest sensitive receptors and from approximately 58 dBA L_{eq} to 75 dBA L_{eq} at the nearest commercial receptors. Construction noise would not exceed the FTA's 8-hour construction noise standards of 80 dBA L_{eq} for residential uses and/or 85 dBA L_{eq} at commercial uses. General Plan Policy EC-1.7 requires the Project to use best available noise suppression devices and techniques, and limit construction hours in accordance with Municipal Code Section 20.100.450 to reduce construction noise levels at nearby noise-sensitive uses.

Table 15: Project Construction Noise Levels

Construction Phase	Nearest Receptor Location				Modeled Exterior Noise Level (dBA L_{eq}) [2,3]	Noise Threshold (dBA L_{eq}) [4]	Exceeded?
	Project Phase	Land Use	Direction	Distance (feet) [1]			
Demolition	1	Residential	East	510	66.3	80	No
	2	Residential	South	390	68.6	80	No
	3	Residential	South	450	67.4	80	No
	3	Medical Office Building	South	300	70.9	85	No
Site Preparation	1	Residential	East	510	67.5	80	No
	2	Residential	South	390	69.8	80	No
	3	Residential	South	450	68.5	80	No
	3	Medical Office Building	South	300	72.1	85	No
Grading	1	Residential	East	510	68.0	80	No
	2	Residential	South	390	69.4	80	No
	3	Residential	South	450	69.1	80	No
	3	Medical Office Building	South	300	72.7	85	No
Building Construction	1	Residential	East	510	74.7	80	No
	2	Residential	South	390	68.2	80	No
	3	Residential	South	450	67.0	80	No
	1	Medical Office Building	South	300	74.9	85	No
Paving	1	Residential	East	510	66.4	80	No
	2	Residential	South	390	69.7	80	No
	3	Residential	South	450	67.4	80	No
	2	Medical Office Building	South	300	71.9	85	No
Architectural Coating	1	Residential	East	510	53.5	80	No
	2	Residential	South	390	55.9	80	No
	3	Residential	South	450	54.6	80	No
	3	Medical Office Building	South	300	58.2	85	No

1. Distance is measured from the property line of the nearest receptor to the construction activity area at the Project site. This provides an average, representative construction noise level for the various phases.
2. Modeled noise levels conservatively assume the simultaneous operation of all pieces of equipment. Pile-driving equipment is included during the building construction phase.
3. The FTA Noise and Vibration Manual establishes construction noise standards of 80 dBA $L_{eq(8\text{-}hour)}$ for residential uses and 85 dBA $L_{eq(8\text{-}hour)}$ for commercial uses.

Source: Federal Highway Administration, *Roadway Construction Noise Model,* 2006. Refer to Appendix A for noise modeling results.

As shown in Table 15: Project Construction Noise Levels the loudest noise levels would be approximately 75 dBA L_{eq} at the nearest sensitive receptors, which would not exceed the FTA's construction noise standards of 80 dBA L_{eq}. The nearest commercial uses to the Project site are 100 feet south along Samaritan Drive. The loudest noise levels would be approximately 75 dBA L_{eq} during Phase 1 Building

Construction at these commercial uses, which would not exceed the FTA's construction noise standards of 85 dBA L_{eq}.

The City of San José does not have a quantitative construction noise standard. However, the City of San José Municipal Code Section 20.100.450 limits construction to the hours between 7:00 a.m. and 7:00 p.m., Monday through Friday, for projects within 500 feet of residential uses unless permission is granted with a development permit or other planning approval. Note the Project is anticipated to request Saturday construction with its development permit. Furthermore, the Project would need to comply with the requirements listed in City's General Policy EC-1.7 referenced in Section 3.2.

Project construction would result in substantial noise-generating activities for more than 12 months within 500 feet of residential uses and 200 feet of commercial uses, which the City considers to be a potentially significant construction noise impact in accordance with General Plan Policy EC-1.7. As such, in compliance with General Plan Policy EC-1.7, Mitigation Measure NOI-1 (MM NOI-1) would require the Project applicant to prepare a Construction Noise Logistics Plan to minimize potential construction noise effects to the adjacent residential and commercial uses.

As noted in General Plan Policy EC-1.7, implementation of a Construction Noise Logistics Plan would "…reduce noise impacts on neighboring residents and other uses" through the Construction Noise Logistics Plan measures described under MM NOI-1 below. Therefore, with implementation of the required MM NOI-1, the Project would comply with General Plan Policy EC-1.7. Therefore, construction noise impacts would be considered less than significant with the implementation of MM NOI-1.

Nighttime Construction

The Project proposes nighttime construction during Phase 1 and Phase 3, which would include 24-hour concrete pouring, however the exact numbers of pours are unknown. As discussed in Section 2.1: Sound and Environmental Noise, noise levels above 45 dBA would affect sleep. Standard construction, which assumes windows to be shut, would result in an exterior-to-interior reduction of approximately 25 dBA.[12] With this reduction, exterior noise level of 70 dBA would not affect sleep.

Nighttime construction activities would require concrete trucks accessing and pouring within the Project site. Based on the nature of concrete pouring and the type of equipment to be used, it is assumed that all noise-generating activities from the equipment would occur on the ground level during the nighttime construction work. The FHWA RCNM modeling software was used to calculate the hourly average noise levels for nighttime concrete pouring. Assuming five pouring trucks and five idling trucks would represent the worst-case noise condition, an hourly average noise level of 82 dBA L_{eq} at 50 feet would be generated during nighttime work.

As proposed, concrete trucks actively pouring during nighttime construction could be positioned as close as 110 feet from the nearest residences to the east during construction of Garage East. As such, concrete trucks were modeled at 110 feet from the nearest residences to the east. At these distances and assuming five pouring trucks and five idling trucks would operate simultaneously at the same location, hourly

[12] United States Department of Housing and Urban Development, *Noise Guidebook*, 2009.

average noise levels would be approximately 75 dBA L_{eq} at the residences to the east and would exceed the nighttime noise limit of 45 dBA indoors and 70 dBA outdoors by approximately 5 dBA.[13]

Nighttime construction activities, including concrete pours, would result in a potentially significant impact at the residences east of the Project site. LT-1 measured nighttime noise as 60.3 dBA L_{dn} between 10:00 p.m. and 7:00 a.m. Based on the noise modeling done for the Project, it was determined that nighttime construction activities, including concrete pours, must be at least 120 feet from the Project's eastern boundary to result in noise levels below the 70 dBA outdoor and 45 dBA indoor noise levels instead of the 110 feet modeled originally. Therefore, Mitigation Measure NOI-3 (MM NOI-3) limits active construction equipment, including concrete pouring equipment, between 10:00 p.m. and 7:00 a.m. to five or fewer pieces of equipment and requires all equipment to be at least 120 feet from the eastern Project site boundary. This would reduce outdoor noise levels to 69.8 dBA, which is below the 70 dBA noise level. In addition, MM NOI-3 prohibits concrete trucks from traveling and idling along Samaritan Place between 7:00 p.m. and 7:00 a.m. to further reduce nighttime noise impacts. With the MM NOI-3 incorporated, impacts associated with nighttime construction activities would be less than significant with mitigation.

Construction Traffic Noise

Construction is estimated to last approximately 11.6 years. Construction noise may be generated by large trucks moving materials to and from the Project site. Large trucks would be necessary to deliver building materials as well as remove dump materials. Excavation and cut and fill would be required. Based on the California Emissions Estimator Model (CalEEMod) default assumptions for this Project, the Project would generate the highest number of daily trips during building construction in Phase 1 and 3 and grading in Phase 2. The model estimates that the Project would generate up to 333 worker trips and 151 vendor trips for building construction in Phase 1 for a total of approximately 484 daily vehicle trips. Grading during Phase 2 would have approximately 15 worker trips and 15 hauling trips (370 hauling trips over 24 days) for a total of 30 daily vehicle trips. Building construction of Phase 3 would have approximately 307 worker trips and 136 vendor trips for a total of approximately 443 daily trips. Because of the logarithmic nature of noise levels, a doubling of the traffic volume would result in a noise level increase of 3 dBA.[14] Samaritan Drive between Union Avenue and the SR-85 Off Ramps has an average daily trip volume of approximately 18,700 vehicles, and Samaritan Place (north of Samaritan Drive) has an average daily trip volume of 870 vehicles. Therefore, a maximum of 484 daily Project construction trips would not double the existing traffic volume per day on any local roadways. Construction related traffic noise would not be noticeable and would not create a significant noise impact.

Town of Los Gatos Construction Noise Analysis

The City of San José does not require use of the Town's noise standards to determine the level of significance of Project impacts, but it is provided in this analysis for informational purposes to help decision makers in their consideration of the proposed Project.

For sensitive receptors located in the Town of Los Gatos (i.e., residential uses along National Avenue to the southwest of the Project site), this report utilizes the FTA construction noise standards identified above and Los Gatos Municipal Code Section 16.20.035 (prohibiting construction noise levels of 85 dBA at 25 feet or more from the source) to evaluate construction noise impacts. The nearest residential use

[13] Assuming an exterior-to-interior reduction of approximately 25 dBA.
[14] Per General Plan Policy EC-1.2.

to the Project site in the Town of Los Gatos is approximately 990 feet away. The loudest noise level from construction would be approximately 69 dBA L_{eq}, which would be below the FTA's construction noise standards of 80 dBA L_{eq} for residential receivers and Los Gatos Municipal Code Section 16.20.035.[15]

City of Campbell Construction Noise Analysis

The City of San José does not require use of the City of Campbell's noise standards to determine the level of significance of Project impacts, but is provided in this analysis for informational purposes to help decision makers in their consideration of the proposed Project.

For sensitive receptors located in the City of Campbell (i.e., residential uses to the northwest of the Project site), this report utilizes the FTA construction noise standards identified above to evaluate construction noise impacts. The nearest residential use to the Project site in the City of Campbell is approximately 1,370 feet away. The loudest noise level from construction would be approximately 66 dBA L_{eq} without accounting for any noise attenuating structures, which would be below the FTA's construction noise standards of 80 dBA L_{eq} for residential uses. Noise levels discussed above represent worst case scenarios and assume equipment would operate continuously at the closest point to sensitive receptors.

Standard Permit Conditions

i. Limit construction to the hours of 7:00 a.m. to 7:00 p.m. Monday through Friday for any on-site or off-site work within 500 feet of any residential unit. Construction outside of these hours may be approved through a development permit based on a site-specific "construction noise mitigation plan" and a finding by the Director of Planning, Building and Code Enforcement that the construction noise mitigation plan is adequate to prevent noise disturbance of affected residential use.

ii. Construct solid plywood fences around ground level construction sites adjacent to operational businesses, residences, or other noise-sensitive land uses.

iii. Equip all internal combustion engine-driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment.

iv. Prohibit unnecessary idling of internal combustion engines.

v. Locate stationary noise-generating equipment such as air compressors or portable power generators as far as possible from sensitive receptors. Construct temporary noise barriers to screen stationary noise-generating equipment when located near adjoining sensitive land uses.

vi. Utilize "quiet" air compressors and other stationary noise sources where applicable.

vii. Control noise from construction workers' radios to a point where they are not audible at existing residences bordering the Project site.

[15] Federal Highway Administration, Roadway Construction Noise Model, 2006. Refer to Appendix A for noise modeling results.

viii. Notify all adjacent business, residences, and other noise-sensitive land uses of the construction schedule, in writing, and provide a written schedule of "noisy" construction activities to the adjacent land uses and nearby residences.

ix. If complaints are received or excessive noise levels cannot be reduced using the measures above, erect a temporary noise control blanket barrier along surrounding building facades that face the construction sites.

x. Designate a "disturbance coordinator" who shall be responsible for responding to any complaints about construction noise. The disturbance coordinator shall determine the cause of the noise complaint (e.g., bad muffler, etc.) and shall require that reasonable measures be implemented to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include it in the notice sent to neighbors regarding the construction schedule.

Mitigation Measures:

MM NOI-1 Construction Noise Logistics Plan

Prior to the issuance of any City-issued grading or building demolition permits for Phase 1, Phase 2, and Phase 3 of the Project, the Project applicant shall submit and implement a construction noise logistics plan for that construction phase that specifies hours of construction, noise and vibration minimization measures, posting and notification of construction schedules, equipment to be used, and designation of a noise disturbance coordinator. The noise disturbance coordinator shall respond to neighborhood complaints and shall be in place prior to the start of construction and implemented during construction to reduce noise impacts on neighboring residents and other uses. The noise logistic plan shall be submitted to the Director of Planning, Building and Code Enforcement or Director's designee prior to the issuance of any grading or demolition permits. As a part of the construction noise logistics plan, construction activities for the Project shall include, at a minimum, the following best management practices:

- Prohibit unnecessary idling of internal combustion engines. Post signs at gates and other places where vehicles may congregate reminding operators of the State's Airborne Toxic Control Measure (ATCM) limiting idling to no more than 5 minutes.
- Construction contracts for each construction phase specify that all construction equipment, fixed or mobile, shall be equipped with State required noise attenuation devices such as properly operating and maintained mufflers.
- For each construction phase, property owners and occupants located within 300 feet of the Project boundary shall be sent a notice, at least 15 days prior to commencement of construction activities (whichever comes first), regarding the construction schedule of the proposed Project. A sign, legible at 50 feet shall also be posted at the Project construction site during each construction phase. All notices and signs shall be reviewed and approved by the Director of Planning, Building and Code Enforcement or Director's designee, prior to mailing or posting and shall indicate the dates and duration of construction activities, as well as provide a contact name and a telephone number for the Noise Disturbance

Coordinator where residents can inquire about the construction process and register complaints.

- Prior to issuance of any City-issued, grading or building permit for Phase 1, Phase 2, and Phase 3 construction, the Contractor shall provide evidence that at all times during construction activities and on-site construction staff member shall be designated as a Noise Disturbance Coordinator. The Noise Disturbance Coordinator is responsible for responding to complaints about construction noise. When a complaint is received, the Noise Disturbance Coordinator shall determine the cause (e.g., starting too early, bad muffler, etc.), implement reasonable measures to resolve the complaint, and document actions taken. All notices sent to residential units within 300 feet of the construction site and all signs posted at the construction site, shall include the contact name and the telephone number for the Noise Disturbance Coordinator.

MM NOI-2 Noise Barriers

In addition to MM NOI-1, the following measure shall be implemented prior to the start of Phase 3 construction only:

To reduce noise levels for work during Phase 3 construction occurring adjacent to residences, or other noise-sensitive land uses, a noise barrier(s) shall be constructed on the south, southeastern, and eastern edge of the work site facing the receptor(s). Barriers shall be constructed either with two layers of 0.5-inch-thick plywood (joints staggered) and K-rail or other support, or with a limp mass barrier material weighing 2 pounds per square foot. If commercial barriers are employed, such barriers shall be constructed of materials with a Sound Transmission Class rating of 25 or greater. The project Applicant shall construct a temporary sound wall or other noise attenuating feature with a demonstrated ability to achieve the City's land use compatibility noise level of 75 dBA L_{dn} for residential uses as measured at the property line of the existing residences. The applicant shall submit a plan showing the location and specifications of the noise barrier walls and the noise levels achieved to the Director of Planning, Building and Code Enforcement or Director's designee.

MM NOI-3 Nighttime Construction

Prior to the issuance of any demolition or grading permit issuance (whichever comes first) for Phase 1 and Phase 3 construction, the Project shall submit a construction plan for concrete pours to the Director of Planning, Building and Code Enforcement or Director's designee, for review and approval. The construction plan shall include, but is not limited to, the following measures:

- Limit the active equipment during nighttime (10:00 p.m. to 7:00 a.m.) to five or fewer pieces of equipment and at least 120 feet from the eastern Project boundary (this shall be demonstrated by providing a site plan identifying a 110 feet buffer with no truck zone identified or similar method).
- To the extent consistent with applicable regulations and safety considerations, operation of back-up beepers shall be avoided near sensitive receptors between 7:00 p.m. and 7:00 a.m., and/or the work sites shall be arranged in a way that avoids the need for any reverse motions of trucks or the sounding of any reverse motion alarms

during nighttime work. If these measures are not feasible, equipment and trucks operating during the nighttime hours with reverse motion alarms must be outfitted with SAE J994 Class D alarms (ambient-adjusting, or "smart alarms" that automatically adjust the alarm to 5 dBA above the ambient near the operating equipment).

- Prohibit concrete trucks from traveling and idling along Samaritan Place during all nighttime activities.
- Residences or other noise-sensitive land uses within 500 feet of construction sites should be notified of the nighttime construction schedule occurring between 7:00 p.m. and 7:00 a.m. and on weekends ("off hours construction"), in writing, at least 15 days prior to the beginning of off hours construction. This notification shall specify the anticipated dates for all off hour construction and provide the contact information for the Noise Disturbance Coordinator.
- Designate a Noise Disturbance Coordinator o be responsible for responding within 48 hours to any local complaints including about off hour construction noise. Any nuisance complaint reported during nighttime operations (7:00 p.m. and 7:00 a.m.) shall be deemed an urgent issue and shall be responded to immediately. The Coordinator would determine the cause of the noise complaints (e.g., starting too early, bad muffler, etc.) and institute reasonable measures to correct the problem. Conspicuously post a telephone number for the Coordinator at the construction site. Additionally, a log of noise complaints and responses shall be maintained and made available to the City upon request.

Operational Noise

As mentioned previously, the Project site is currently occupied by an existing hospital building, central utility plant (CUP), surface parking lot, and emergency vehicle access area that generates traffic on the surrounding roadway segments, and a helicopter pad that generates overflights in the surrounding areas. Therefore, operational noise associated with the Project's land use are already experienced at receptors close to the Project site. However, implementation of the Project would change the location of the operational noise sources and would add new noise sources to the Project's vicinity. The major noise sources associated with the Project that would potentially impact existing and future nearby residences include the following:

- Off-site traffic and ambulance noise;
- Helicopter noise;
- Mechanical equipment (i.e., CUP, air conditioners, etc.);
- Parking areas (i.e., car door slamming, car radios, engine start-up, and car pass-by)

As discussed above, the closest sensitive receptors are located approximately 45 feet to the east of the Project site. Since the Project's use is not a new non-residential land use, General Plan Policy EC-1.3, which states that noise generated by new nonresidential land uses shall not exceed 55 dBA L_{dn} at the property lines of adjacent existing or planned noise-sensitive uses, would not be applicable. However, the City of San José General Plan Policy EC-1.2, which establishes incremental noise standards of 5 dBA where noise levels would remain "Normally Acceptable" and 3 dBA where noise levels would equal or exceed the "Normally Acceptable" level for land uses sensitive to increased noise levels, would be applicable. Further, the General Plan lists the Normally acceptable levels are for residential uses as 60 dBA L_{dn}.

Section 20.30.700 of the City's Municipal Code establishes a limit of 55 dBA for commercial areas adjacent to residential areas and 60 dBA for commercial uses adjacent to commercial areas. Although the Municipal Code is not used as a criterion to determine the significance of Project impacts under CEQA, the operational noise for the proposed Project shall be addressed with respect to the City's Municipal Code threshold of 55 dBA to minimize disturbance to the existing and future residences surrounding the Project site. Impacts associated with each major noise source are discussed in more detail below.

Traffic Noise

Implementation of the Project would generate increased traffic volumes along study roadway intersections and access points. As noted in the Transportation Analysis (Kimley-Horn, 2023), primary trips were assigned to study intersections and access points using the proposed trip distribution and typical routes to and from the site. The Project is expected to generate 9,861 net new ADT, which would result in noise increases on Project area roadways. The net ADT for the Project is the average number of trips per day to the Project based on the land use with a reduction taken for the existing vehicle trips to the Project site associated with the existing hospital use.

In general, a traffic noise increase of less than 3 dBA is barely perceptible to people, while a 5 dBA increase is readily noticeable[16]. Generally, traffic volumes on Project area roadways would have to approximately double for the resulting traffic noise levels to increase by 3 dBA. Permanent increases in ambient noise levels of less than 3 dBA are considered to be less than significant, and therefore, traffic volume increases that are less than double do not result in a noise impact.

As shown in **Table 16: Existing and Project Traffic Noise**, the existing traffic-generated noise levels on Project area roadways is between 47 dBA L_{dn} and 68 dBA L_{dn} at 100 feet from the centerline. As previously described, L_{dn} is 24-hour average noise level with a 10 dBA "weighting" added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the evening and nighttime, respectively.

Traffic noise levels for roadways primarily affected by the Project were calculated using the FHWA's Highway Noise Prediction Model (FHWA-RD-77-108). Traffic noise modeling was conducted for conditions with and without the Project, based on traffic volumes provided (Kimley-Horn, 2023). As noted in Table 16, Existing Plus Project noise levels 100 feet from the centerline would range from 49.5 dBA L_{dn} to 68.4 dBA L_{dn}. The Project would have the highest increase of 2.1 dBA on Samaritan Place, north of Samaritan Drive, which is below the perceptible 3.0 dBA noise level increase. Therefore, the Project would result in a less than significant impact on existing traffic noise levels.

Table 16: Existing and Project Traffic Noise

Roadway Segment	Existing Year		With Project		Project Change from Existing Conditions	Significant Impact?
	ADT	dBA L_{dn}[1]	ADT	dBA L_{dn}[1]		
Bascom Avenue						
North of East Mozart Avenue	36,130	67.2	38,950	67.6	0.4	**No**
South of East Mozart Avenue	36,110	67.3	38,930	67.6	0.4	**No**
South of Samaritan	33,820	66.8	36,830	67.1	0.3	**No**

[16] California Department of Transportation, *Technical Noise Supplement to the Traffic Noise Analysis Protocol*, September 2013.

Roadway Segment	Existing Year		With Project		Project Change from Existing Conditions	Significant Impact?
	ADT	dBA L_{dn}[1]	ADT	dBA L_{dn}[1]		
South of White Oaks Avenue	33,900	67.0	36,710	67.3	0.3	**No**
North of SR-85 North Ramps	34,680	67.1	37,500	67.4	0.3	**No**
South of 85 North Ramp	37,070	67.4	41,300	67.9	0.5	**No**
South of 85-South Ramp	41,090	67.8	46,920	68.4	0.6	**No**
Samaritan Drive						
East of National Avenue	23,720	63.2	32,580	64.6	1.4	**No**
East of Samaritan Court	16,610	61.7	25,470	63.5	1.8	**No**
West of Samaritan Court	16,830	60.3	25,690	62.2	1.9	**No**
East of Kinghurst Drive	16,360	61.6	25,370	63.5	1.9	**No**
West of Union Avenue	26,420	64.4	31,800	65.2	0.8	**No**
East of Bascom Avenue	25,660	63.5	34,510	64.8	1.3	**No**
West of Bascom Avenue	2,430	53.2	2,430	53.2	0.0	**No**
East of Samaritan Place	16,160	62.2	22,040	63.6	1.4	**No**
West of Samaritan Place	16,470	61.7	22,890	63.1	1.4	**No**
East of SR 85 South Off Ramp	26,650	64.5	32,050	65.3	0.8	**No**
West of SR-85 South Ramp	18,090	62.8	23,830	64.0	1.2	**No**
Samaritan Place						
North of Samaritan Drive	870	47.4	1,410	49.5	2.1	**No**
Union Avenue						
South of Camden Avenue	29,150	64.9	29,960	65.0	0.1	**No**
North of SR-85 North Ramp	38,240	66.1	39,210	66.2	0.1	**No**
South of SR-85 North Ramp	42,630	66.7	45,320	67.0	0.3	**No**
South of SR-85 South Ramp	38,190	66.1	39,530	66.2	0.1	**No**
North of Los Gatos-Almaden Road	28,670	64.8	30,000	65.0	0.2	**No**
Los Gatos Boulevard						
North of Walker Street	33,390	65.5	36,400	65.8	0.3	**No**
South of Walker Street	33,970	65.5	36,980	65.9	0.4	**No**
North of Lark Avenue	27,020	64.6	30,020	65.0	0.4	**No**
South of Lark Avenue	31,870	65.4	32,530	65.5	0.1	**No**
Lark Avenue						
West of Los Gatos Boulevard	26,190	63.6	28,530	64.0	0.4	**No**
East of SR-17 East Ramp	49,980	66.5	52,320	66.7	0.2	**No**

ADT = average daily trips; dBA = A-weighted decibels; L_{dn} = day-night noise level

1. Traffic noise levels are at 100 feet from the roadway centerline. The actual sound level at any receptor location is dependent upon such factors as the source-to-receptor distance and the presence of intervening structures, barriers, and topography.

Source: Based on traffic data provided by Kimley-Horn, 2023. Refer to Appendix A for traffic noise modeling assumptions and results.

Table 17: Background and Background Plus Project Traffic Noise shows the background conditions or background year traffic. Background ADT is the average traffic volumes per day based on the existing Project site conditions added with the traffic volumes of approved but not yet constructed developments in the vicinity of the Project area. Background plus Project ADT is the Background ADT added with the net vehicle trips from the proposed Project. As shown in **Table 17**, Background Year Plus Project roadway noise levels with the Project would range from 49.5 dBA to 69.3 dBA. Project traffic would traverse and disperse over Project area roadways, where existing ambient noise levels already exist. Future development associated with the Project would result in additional traffic on adjacent roadways, thereby increasing vehicular noise near existing and proposed land uses. The Project would have the highest increase of 2.1 dBA on Samaritan Place north of Samaritan Drive. However, the 2.1 dBA increase in under the perceptible 3.0 dBA noise level increase per GP Policy EC-1.1. Therefore, impacts are less than significant.

Table 17: Background and Background Plus Project Traffic Noise

Roadway Segment	Background Year		With Project		Project Change from Background Conditions	Significant Impact?
	ADT	dBA L_{dn}[1]	ADT	dBA L_{dn}[1]		
Bascom Avenue						
North of East Mozart Avenue	39,730	67.7	42,550	68.0	0.3	**No**
South of East Mozart Avenue	39,710	67.7	42,530	68.0	0.3	**No**
South of Samaritan	41,580	67.7	44,590	68.0	0.3	**No**
South of White Oaks Avenue	37,500	67.4	40,310	67.7	0.3	**No**
North of SR-85 North Ramps	38,300	67.5	41,120	67.8	0.3	**No**
South of 85 North Ramp	44,270	68.2	48,500	68.5	0.3	**No**
South of 85-South Ramp	51,770	68.8	57,600	69.3	0.5	**No**
Samaritan Drive						
East of National Avenue	31,460	64.5	40,320	65.5	1.0	**No**
East of Samaritan Court	22,230	63.0	31,090	64.4	1.4	**No**
West of Samaritan Court	24,110	61.9	32,970	63.3	1.4	**No**
East of Kinghurst Drive	21,120	62.7	30,130	64.3	1.6	**No**
West of Union Avenue	30,760	65.0	36,140	65.7	0.7	**No**
East of Bascom Avenue	33,400	64.7	42,250	65.7	1.0	**No**
West of Bascom Avenue	7,630	58.2	7,630	58.2	0.0	**No**
East of Samaritan Place	20,200	63.2	26,080	64.3	1.1	**No**
West of Samaritan Place	20,510	62.6	26,930	63.8	1.2	**No**
East of SR 85 South Off Ramp	30,830	65.2	36,230	65.9	0.7	**No**
West of SR-85 South Ramp	22,110	63.7	27,850	64.7	1.0	**No**
Samaritan Place						
North of Samaritan Drive	870	47.4	1,410	49.5	2.1	**No**
Union Avenue						
South of Camden Avenue	33,870	65.5	34,680	65.6	0.1	**No**
North of SR-85 North Ramp	41,480	66.4	42,450	66.5	0.1	**No**
South of SR-85 North Ramp	46,170	67.0	48,860	67.3	0.3	**No**
South of SR-85 South Ramp	39,590	66.2	40,930	66.4	0.2	**No**
North of Los Gatos-Almaden Road	29,670	65.0	31,000	65.2	0.2	**No**
Los Gatos Boulevard						
North of Walker Street	40,450	66.3	43,460	66.6	0.3	**No**
South of Walker Street	43,550	66.6	46,560	66.9	0.3	**No**
North of Lark Avenue	37,640	66.0	37,800	66.0	0.0	**No**
South of Lark Avenue	37,070	66.1	37,710	66.2	0.1	**No**

Roadway Segment	Background Year		With Project		Project Change from Background Conditions	Significant Impact?
	ADT	dBA L_{dn}[1]	ADT	dBA L_{dn}[1]		
Lark Avenue						
West of Los Gatos Boulevard	31,970	64.5	31,450	64.4	-0.1	**No**
East of SR-17 East Ramp	57,380	67.1	59,720	67.2	0.1	**No**
ADT = average daily trips; dBA = A-weighted decibels; L_{dn} = day-night noise level						
1. Traffic noise levels are at 100 feet from the roadway centerline. The actual sound level at any receptor location is dependent upon such factors as the source-to-receptor distance and the presence of intervening structures, barriers, and topography.						
Source: Based on traffic data provided by Kimley-Horn, 2023. Refer to Appendix A for traffic noise modeling assumptions and results.						

Helicopter Noise

During Phase 1 of the Project, the existing helipad would remain in its current location in the Project site's northwest corner and an additional helipad would be constructed in the center of the Project site on the roof of the newly constructed hospital building. This new helipad would be located closer to sensitive receptors to the east and south. However, this is not a trauma hospital therefore the helicopter activity would be infrequent. Additionally, the purpose of the second helipad is for more flexibility in emergency situations and not to increase capacity. Helicopter trips are not anticipated to increase due to the additional helipad so operational noise would not increase in the surrounding area. Furthermore, the preferred approach for helicopter trips is along SR-85. As such, the flight path into the hospital avoids flying over residences north of the Project site. Noise generated by helicopters and the additional helipad would not result in an increase over existing conditions and helicopter noise would be less than significant.

Emergency Vehicle Noise

Currently, emergency vehicles noise exists by the Project site due to the existing hospital land use. With the existing hospital building, emergency vehicles enter through a driveway located on Samaritan Drive approximately 690 feet west of the Samaritan Drive and Samaritan Place intersection and generate siren noise infrequently along Samaritan Drive. After the construction of Phase 1, emergency vehicles would enter through a new driveway located at the Samaritan Place Cul-De-Sac approximately 660 feet northeast of the Samaritan Drive and Samaritan Place intersection. This new path for emergency vehicles would result in an increased exposure to siren noise for residences along Samaritan Drive due to change in location; emergency vehicle trips would remain similar to current trip counts. However, emergency vehicle noise exists in the current ambient conditions, is very short in duration, and occur infrequently. Therefore, emergency vehicle noise would not result in a new or significant noise level in the surrounding area and would be less than significant.

Stationary Noise Sources

Project implementation would create new sources of noise in the Project vicinity from mechanical equipment, parking lot noise, on-site vehicle circulation, and landscape maintenance activities. Each noise source is discussed in more detail below.

Mechanical Equipment

Potential stationary noise sources related to long-term operation of the Project would include mechanical equipment such as rooftop heating, ventilation, and air conditioning (HVAC) units, emergency generators, chillers, boilers, pumps, air compressors, water heaters, and cooling towers. The reference noise levels and location of mechanical equipment to be used at the Project site are provided below:

- *Rooftop HVAC:* 52 dBA at 50 feet[17], located on the rooftop level above the hospital and medical office building. This equipment would run continuously to regulate the temperature of the hospital building.

- *Generators*: 82 dBA at 50 feet[18], located within the CUP. This equipment would be for emergency usage, but was conservatively modeled to run continuously and simultaneously with all other equipment.

- *Chillers:* 69 dBA at 50 feet[19], located within the CUP. This equipment was conservatively modeled to run continuously and simultaneously with all other equipment.

- *Boilers*: 90 dBA at 5 feet [20], located within the CUP. This equipment was conservatively modeled to run continuously and simultaneously with all other equipment.

- *Pumps*: 77 dBA at 50 feet[21], located within the CUP and the mechanical yard. This equipment was conservatively modeled to run continuously and simultaneously with all other equipment.

- *Air Compressors*: 80 dBA at 50 feet[22], located within the CUP. This equipment was conservatively modeled to run continuously and simultaneously with all other equipment.

- *Water Heaters*: 66 dBA at 3 feet[23], located within the CUP. This equipment was conservatively modeled to run continuously and simultaneously with all other equipment.

- *Cooling Towers*: 79 dBA at 5 feet[24], located within the mechanical yard. This equipment was conservatively modeled to run continuously and simultaneously with all other equipment.

Each of the stationary noise sources discussed above were modeled in SoundPLAN and conservatively assumed to operate simultaneously for 24 hours.

Parking Areas

The Project would provide approximately 2,179 vehicle parking spaces through the east and west garages and surface parking located south of the proposed hospital building. Traffic associated with parking lots

17 Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden, *Noise Navigator Sound Level Database with Over 1700 Measurement Values*, 2015.
18 Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, September 2018.
19 Johnson Controls, *Sound Pressure, Sound Power and Air-Cooled Chillers*, October 28, 2016.
20 Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden, *Noise Navigator Sound Level Database with Over 1700 Measurement Values*, 2015.
21 Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, September 2018.
22 Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, September 2018.
23 Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden, *Noise Navigator Sound Level Database with Over 1700 Measurement Values*, 2015.
24 SPX Cooling Technologies, *NC 8400 Steel Cooling Tower Engineering Data*, April 2012.

is typically not of sufficient volume to exceed community noise standards, which are usually based on a time-averaged scale such as the CNEL scale. The maximum sound levels generated by a car door slamming, engine starting up, and car pass-bys range from 53 to 61 dBA[25] and may be an annoyance to adjacent noise-sensitive receptors. However, parking noise events would be instantaneous and short-term in duration. Additionally, parking noise already occurs at the Project site and adjacent properties to the east, south, and west under existing conditions. However, parking, driveway, and noise from on-site vehicle circulation would be consistent with existing noise in the vicinity and would be partially masked by background traffic noise from motor vehicles traveling along Samaritan Drive to the south of the Project site and Samaritan Place to the east of the Project site. Noise from on-site parking lot movements were modeled in SoundPLAN and were assumed to occur throughout the Project site.

Combined On-Site Noise Levels

The noise levels associated with buildout of the Project were modeled with the SoundPLAN software. SoundPLAN allows computer simulations of noise situations, and creates noise contour maps using reference noise levels, topography, point and area noise sources, mobile noise sources, and intervening structures. Inputs to the SoundPLAN model included ground topography and ground type, existing and proposed intervening structures, noise source locations and heights, receiver locations, and sound power level data. The SoundPLAN run for Project operations conservatively assumes the simultaneous operation of all on-site noise sources by time period. The roadway noise from SR-85 was not modeled in SoundPLAN, but would provide attenuation of the on-site noise sources at the sensitive receptors located across the highway.

Utilizing the reference noise level data described above, SoundPLAN was used to calculate noise levels at the nearest sensitive receptors surrounding the Project site. It should be noted that predicted noise levels are conservative estimates since it was assumed that all equipment and operational activity at the Project site would occur in a simultaneous manner during the daytime and nighttime hours. In reality, it is anticipated that most of these noise sources would occur intermittently throughout the day and night (except for rooftop HVAC and some CUP equipment which would operate in a steady-state manner). The modeled noise levels also account for noise attenuation from the existing perimeter wall on the northern property boundary, as well as existing buildings, structures, and walls surrounding the Project site. The modeled Project noise levels are provided in Table 18: Project Operational Noise Levels, Table 19: Project Operational Noise Levels at the Cambrian Center, and

[25] Kariel, H. G., *Noise in Rural Recreational Environments*, Canadian Acoustics 19(5), 3-10, 1991.

Figure 10: Project Noise Contours.

Table 18: Project Operational Noise Levels

Receptor No.	Land Use	City	Modeled Noise Level – Daytime (dBA L_{eq})		Modeled Noise Level – Nighttime (dBA L_{eq})		Modeled Noise Level – 24-hour (dBA L_{dn})	
			1st Floor	2nd Floor	1st Floor	2nd Floor	1st Floor	2nd Floor
1	Residential	Campbell	38.8	-	38.6	-	46.6	-
3	Residential	Los Gatos	35.4	-	34.4	-	40.6	-
4	Residential	Los Gatos	36.1	-	34.6	-	40.9	-
5	Residential	Los Gatos	31.5	-	31.1	-	37.2	-
6	Residential	Los Gatos	31.9	-	31.4	-	37.5	-
7	Residential	Los Gatos	34.7	-	34.0	-	40.2	-
8	Residential	Los Gatos	35.6	-	35.1	-	41.2	-
9	Residential	Los Gatos	36.1	-	35.2	-	41.4	-
10	Residential	San José	58.0	57.2	57.9	57.1	64.0	63.1
11	Residential	San José	54.6	53.6	54.5	53.4	60.5	59.5
12	Residential	San José	56.6	55.5	56.5	55.4	62.5	61.4
13	Residential	San José	51.3	50.7	51.0	50.3	57.0	56.4
14	Residential	San José	51.1	50.1	50.8	49.7	56.9	55.8
15	Residential	San José	47.0	45.1	46.7	44.6	52.8	50.8
16	Residential	San José	45.5	45.0	45.0	44.5	51.1	50.6
17	Residential	San José	45.0	44.4	44.6	44.0	50.7	50.1
18	Residential	San José	44.8	44.6	44.4	44.3	50.5	50.4
19	Residential	San José	41.8	-	41.6	-	47.7	-
20	Residential	San José	43.4	-	43.3	-	49.3	-
21	Residential	San José	42.7	-	42.3	-	48.4	-
22	Residential	San José	43.7	-	43.2	-	49.3	-
23	Residential	San José	44.0	-	43.6	-	49.7	-
24	Residential	San José	43.1	-	42.8	-	48.9	-
25	Residential	San José	44.5	-	44.2	-	50.3	-
26	Residential	San José	44.5	-	44.3	-	50.3	-
27	Residential	San José	44.6	-	44.3	-	50.4	-
28	Residential	San José	44.4	-	43.9	-	50.0	-
29	Residential	San José	44.2	-	43.2	-	49.4	-
30	Residential	San José	44.9	-	43.9	-	50.1	-
31	Residential	San José	44.4	-	43.5	-	49.6	-
32	Residential	San José	43.3	-	42.4	-	48.6	-
33	Residential	San José	42.6	-	41.3	-	47.6	-
34	Residential	San José	44.7	-	43.5	-	49.8	-
35	Residential	San José	43.3	-	42.0	-	48.3	-
36	Residential	San José	44.9	-	43.8	-	50.0	-
37	Residential	San José	45.2	-	44.0	-	50.2	-
38	Residential	San José	43.7	-	42.7	-	48.9	-
39	Residential	San José	43.3	-	41.8	-	48.1	-

Receptor No.	Land Use	City	Modeled Noise Level – Daytime (dBA L_{eq})		Modeled Noise Level – Nighttime (dBA L_{eq})		Modeled Noise Level – 24-hour (dBA L_{dn})	
			1st Floor	2nd Floor	1st Floor	2nd Floor	1st Floor	2nd Floor
40	Residential	San José	46.6	-	45.7	-	51.9	-
41	Residential	San José	42.3	43.0	40.3	40.7	46.7	47.2
42	Residential	San José	42.2	-	40.6	-	47.0	-
43	Residential	San José	41.4	-	40.1	-	46.4	-
44	Residential	San José	43.0	-	41.8	-	48.0	-
45	Residential	San José	53.2	-	53.1	-	59.2	-
46	Residential	San José	52.6	-	52.6	-	58.6	-
47	Residential	San José	54.0	57.5	54.0	57.5	60.0	63.5
48	Residential	San José	54.4	-	54.4	-	60.4	-
49	Residential	San José	53.5	60.5	53.4	60.5	59.4	66.5
50	Residential	San José	51.9	-	51.8	-	57.8	-
51	Residential	San José	52.1	58.3	52.0	58.3	58.0	64.3
52	Residential	San José	51.3	-	51.3	-	57.3	-
53	Residential	San José	48.2	56.9	48.2	56.9	54.2	62.9
54	Residential	San José	41.7	49.1	41.5	48.9	47.6	54.9
55	Residential	San José	41.5	48.3	41.2	48.1	47.2	54.2

Source: SoundPLAN Essential version 5.1. See Appendix A for noise modeling data and results.

Table 19: Project Operational Noise Levels at the Cambrian Center

Receptor No.	Land Use	Floor	Modeled Noise Level – Daytime (dBA L_{eq})	Modeled Noise Level – Nighttime (dBA L_{eq})	Modeled Noise Level – 24-Hour (dBA L_{dn})
2	Retirement Home	1	49.1	48.9	54.9
2	Retirement Home	2	48.4	48.2	54.2
2	Retirement Home	3	46.6	46.1	52.2
2	Retirement Home	4	46.4	45.8	51.9
2	Retirement Home	5	45.9	45.0	51.2
2	Retirement Home	6	48.9	48.3	54.4
2	Retirement Home	7	48.1	47.4	53.6

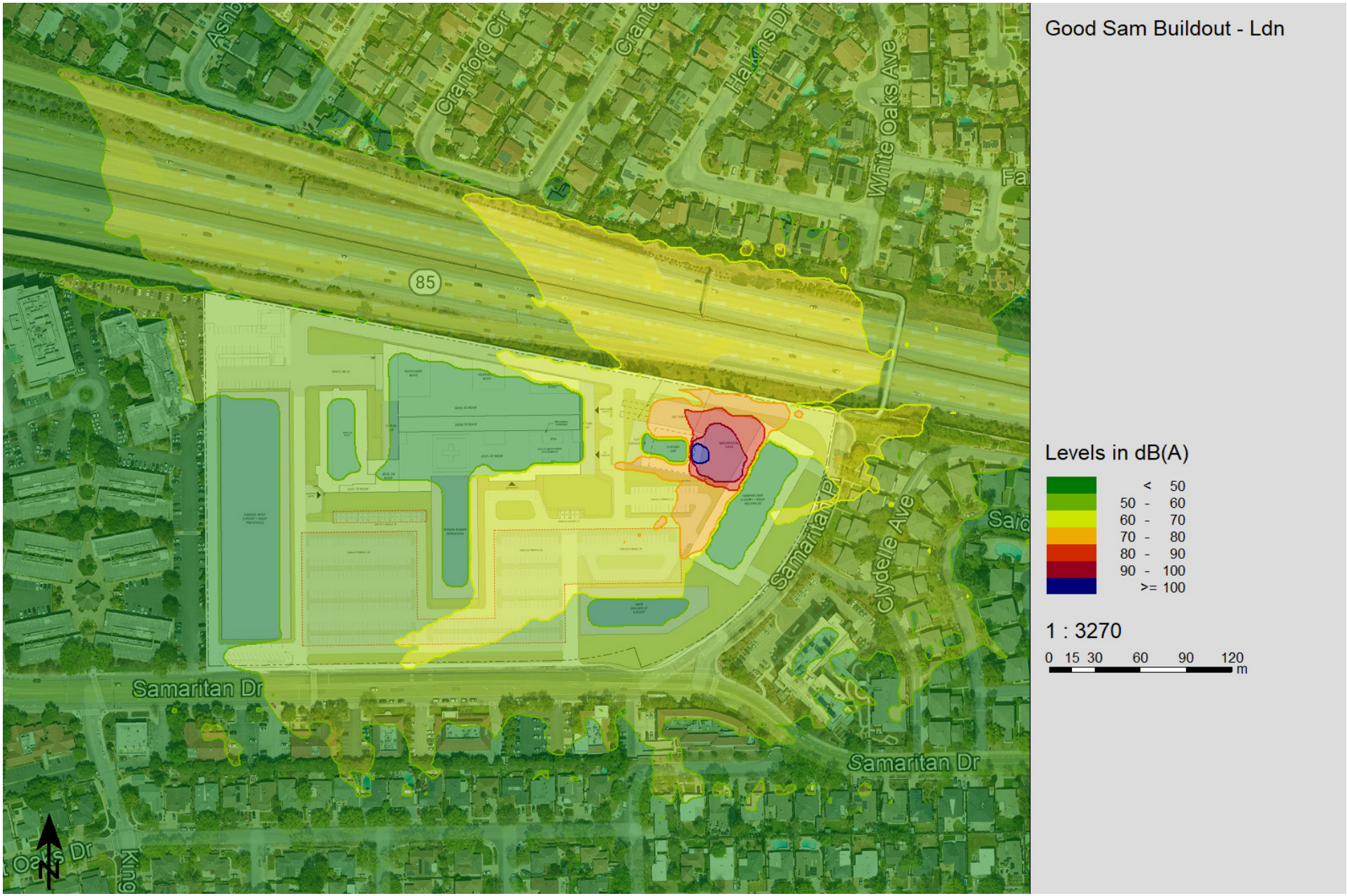
Source: SoundPLAN Essential version 5.1. See Appendix A for noise modeling data and results.

Section 20.30.700 of the City's Municipal Code establishes a limit of 55 dBA for commercial areas adjacent to residential areas and 60 dBA for commercial uses adjacent to commercial areas. As shown in Table 18, Project-generated noise levels at the nearest residential uses would range from 31.1 dBA L_{eq} to 60.5 dBA L_{eq} and would exceed the City's Municipal Code noise limit of 55 dBA for residential areas. However, measured existing ambient noise levels at the nearest sensitive receptors already exceed the 55 dBA L_{eq} noise standard. The measured noise at ST-1 (sensitive receptor) was 58.1 dBA L_{eq}. Project-generated noise levels at the nearest commercial uses would remain below 60 dBA as shown in

Figure 10: Project Noise Contours and would not exceed the City's Municipal Code noise limit of 60 dBA for commercial uses adjacent to commercial areas.

Table 20: Composite Project Operational Noise shows Project noise levels from all sources combined with existing ambient levels at the nearest sensitive receptors. It is noted that the Project would not be considered a new hospital land use since hospital uses currently occupy the Project site (in a similar location to the proposed Project) but introduces other new uses, such as medical offices, and alters some of the existing operational parameters. As discussed in Section 5.3: Significance Criteria, a 5 dBA L_{dn} increase where noise levels would remain "Normally Acceptable", and 3 dBA L_{dn} increase where noise levels would equal or exceed the "Normally Acceptable" is considered a significant impact in accordance with General Plan Policy EC-1.2.

As shown in Table 20, the maximum increase in 24-hour ambient noise levels from the Project would not exceed the incremental noise standards established in General Plan Policy EC-1.2 and EC-1.3. The highest noise level increase would be 2.5 dBA L_{dn} at the second floor of Receptor 49 (a residence to the north of the Project site across SR-85). The Project would not exceed the incremental noise standards from General Plan Policy EC-1.2 at any residential uses in the Project vicinity; see Table 20. Further, daytime and nighttime noise levels would increase by less than 5 dBA when ambient noise levels are normally acceptable and 3 dBA when ambient noise levels are above normally acceptable levels for all nearby receptors, except for a 3.1 dBA L_{eq} nighttime noise increase at the second floor of Receptor 49. However, as mentioned previously, nighttime noise generated by the Project represents a worst-case scenario with continuously operating mechanical equipment. In reality, mechanical equipment would not run continuously for 24 hours. Further, with nearby topography and attenuating features such as the existing walls and the nearby roadways to the north, the increase in nighttime noise at the second floor of Receptor 49 may be less than 3 dBA L_{eq}. Additionally, operational noise levels would be further masked by background traffic noise from motor vehicles traveling along SR-85 and by interfering landscaping to the south of the residential uses. Thus, noise levels at the receptors to the north across SR-85 would be lower than the modeled noise levels shown below. Therefore, the Project's operational noise levels would not result in a significant increase over existing ambient noise levels at the nearest noise-sensitive uses. Impacts would be less than significant in this regard.



Source: SoundPLAN, 2023

Figure 10: Project Noise Contours

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Table 20: Composite Project Operational Noise

Receptor Number	Land Use	Daytime				Nighttime				24-Hour (L_{dn})					
		Daytime Ambient Noise Level (dBA L_{eq})[1]	Composite Project Operations	Ambient + Project (dBA L_{eq})	Increase Over Daytime Ambient (dBA L_{eq})	Nighttime Ambient Noise Level (dBA L_{eq})[1]	Composite Project Operations	Ambient + Project (dBA L_{eq})	Increase Over Nighttime Ambient (dBA L_{eq})	Existing Ambient Noise Level (dBA L_{dn})	Composite Project Operations	Ambient + Project (dBA L_{eq})	Increase Over Ambient (dBA L_{dn})	Incremental Threshold[2]	Exceed Threshold?
1	Residential	58.1	38.8	58.2	0.1	60.3	38.6	60.3	0.0	67.5	44.6	67.5	0.0	3.0	NO
2	Cambrian Center	58.1	49.1	58.6	0.5	60.3	48.9	60.6	0.3	67.5	54.9	67.7	0.2	3.0	NO
2	Cambrian Center	58.1	48.4	58.5	0.4	60.3	48.2	60.6	0.3	67.5	54.2	67.7	0.2	3.0	NO
2	Cambrian Center	58.1	46.6	58.4	0.3	60.3	46.1	60.5	0.2	67.5	52.2	67.6	0.1	3.0	NO
2	Cambrian Center	58.1	46.4	58.4	0.3	60.3	45.8	60.5	0.2	67.5	51.9	67.6	0.1	3.0	NO
2	Cambrian Center	58.1	45.9	58.4	0.3	60.3	45.0	60.4	0.1	67.5	51.2	67.6	0.1	3.0	NO
2	Cambrian Center	58.1	48.9	58.6	0.5	60.3	48.3	60.6	0.3	67.5	54.4	67.7	0.2	3.0	NO
2	Cambrian Center	58.1	48.1	58.5	0.4	60.3	47.4	60.5	0.2	67.5	53.6	67.7	0.2	3.0	NO
3	Residential	55.0	35.4	55.0	0.0	51.0	34.4	51.1	0.1	51.0	40.6	51.4	0.4	3.0	NO
4	Residential	55.0	36.1	55.1	0.1	51.0	34.6	51.1	0.1	51.0	40.9	51.4	0.4	3.0	NO
5	Residential	55.0	31.5	55.0	0.0	51.0	31.1	51.0	0.0	51.0	37.2	51.2	0.2	3.0	NO
6	Residential	55.0	31.9	55.0	0.0	51.0	31.4	51.0	0.0	51.0	37.5	51.2	0.2	3.0	NO
7	Residential	55.0	34.7	55.0	0.0	51.0	34.0	51.1	0.1	51.0	40.2	51.3	0.3	3.0	NO
8	Residential	55.0	35.6	55.0	0.0	51.0	35.1	51.1	0.1	51.0	41.2	51.4	0.4	3.0	NO
9	Residential	55.0	36.1	55.1	0.1	51.0	35.2	51.1	0.1	51.0	41.4	51.5	0.5	3.0	NO
10	Residential	58.1	58.0	61.1	3.0	60.3	57.9	62.3	2.0	67.5	64.0	69.1	1.6	3.0	NO
10	Residential	58.1	57.2	60.7	2.6	60.3	57.1	62.0	1.7	67.5	63.1	68.8	1.3	3.0	NO
11	Residential	58.1	54.6	59.7	1.6	60.3	54.5	61.3	1.0	67.5	60.5	68.3	0.8	3.0	NO
11	Residential	58.1	53.6	59.4	1.3	60.3	53.4	61.1	0.8	67.5	59.5	68.1	0.6	3.0	NO
12	Residential	58.1	56.6	60.4	2.3	60.3	56.5	61.8	1.5	67.5	62.5	68.7	1.2	3.0	NO
12	Residential	58.1	55.5	60.0	1.9	60.3	55.4	61.5	1.2	67.5	61.4	68.5	1.0	3.0	NO
13	Residential	58.1	51.3	58.9	0.8	60.3	51.0	60.8	0.5	67.5	57.0	67.9	0.4	3.0	NO
13	Residential	58.1	50.7	58.8	0.7	60.3	50.3	60.7	0.4	67.5	56.4	67.8	0.3	3.0	NO
14	Residential	58.1	51.1	58.9	0.8	60.3	50.8	60.8	0.5	67.5	56.9	67.9	0.4	3.0	NO
14	Residential	58.1	50.1	58.7	0.6	60.3	49.7	60.7	0.4	67.5	55.8	67.8	0.3	3.0	NO
15	Residential	58.1	47.0	58.4	0.3	60.3	46.7	60.5	0.2	67.5	52.8	67.6	0.1	3.0	NO
15	Residential	58.1	45.1	58.3	0.2	60.3	44.6	60.4	0.1	67.5	50.8	67.6	0.1	3.0	NO
16	Residential	58.1	45.5	58.3	0.2	60.3	45.0	60.4	0.1	67.5	51.1	67.6	0.1	3.0	NO
16	Residential	58.1	45.0	58.3	0.2	60.3	44.5	60.4	0.1	67.5	50.6	67.6	0.1	3.0	NO
17	Residential	58.1	45.0	58.3	0.2	60.3	44.6	60.4	0.1	67.5	50.7	67.6	0.1	3.0	NO
17	Residential	58.1	44.4	58.3	0.2	60.3	44.0	60.4	0.1	67.5	50.1	67.6	0.1	3.0	NO
18	Residential	58.1	44.8	58.3	0.2	60.3	44.4	60.4	0.1	67.5	50.5	67.6	0.1	3.0	NO
18	Residential	58.1	44.6	58.3	0.2	60.3	44.3	60.4	0.1	67.5	50.4	67.6	0.1	3.0	NO
19	Residential	58.6	41.8	58.7	0.1	60.3	41.6	60.4	0.1	67.5	47.7	67.5	0.0	3.0	NO
20	Residential	58.6	43.4	58.7	0.1	60.3	43.3	60.4	0.1	67.5	49.3	67.6	0.1	3.0	NO
21	Residential	58.6	42.7	58.7	0.1	60.3	42.3	60.4	0.1	67.5	48.4	67.6	0.1	3.0	NO
22	Residential	58.6	43.7	58.7	0.1	60.3	43.2	60.4	0.1	67.5	49.3	67.6	0.1	3.0	NO

Receptor Number	Land Use	Daytime				Nighttime				24-Hour (L_{dn})					
		Daytime Ambient Noise Level (dBA L_{eq})[1]	Composite Project Operations	Ambient + Project (dBA L_{eq})	Increase Over Daytime Ambient (dBA L_{eq})	Nighttime Ambient Noise Level (dBA L_{eq})[1]	Composite Project Operations	Ambient + Project (dBA L_{eq})	Increase Over Nighttime Ambient (dBA L_{eq})	Existing Ambient Noise Level (dBA L_{dn})	Composite Project Operations	Ambient + Project (dBA L_{eq})	Increase Over Ambient (dBA L_{dn})	Incremental Threshold[2]	Exceed Threshold?
23	Residential	58.6	44.0	58.7	0.1	60.3	43.6	60.4	0.1	67.5	49.7	67.6	0.1	3.0	NO
24	Residential	58.6	43.1	58.7	0.1	60.3	42.8	60.4	0.1	67.5	48.9	67.6	0.1	3.0	NO
25	Residential	58.6	44.5	58.8	0.2	60.3	44.2	60.4	0.1	67.5	50.3	67.6	0.1	3.0	NO
26	Residential	58.6	44.5	58.8	0.2	60.3	44.3	60.4	0.1	67.5	50.3	67.6	0.1	3.0	NO
27	Residential	58.6	44.6	58.8	0.2	60.3	44.3	60.4	0.1	67.5	50.4	67.6	0.1	3.0	NO
28	Residential	58.6	44.4	58.8	0.2	60.3	43.9	60.4	0.1	67.5	50.0	67.6	0.1	3.0	NO
29	Residential	58.6	44.2	58.8	0.2	60.3	43.2	60.4	0.1	67.5	49.4	67.6	0.1	3.0	NO
30	Residential	58.6	44.9	58.8	0.2	60.3	43.9	60.4	0.1	67.5	50.1	67.6	0.1	3.0	NO
31	Residential	58.6	44.4	58.8	0.2	60.3	43.5	60.4	0.1	67.5	49.6	67.6	0.1	3.0	NO
32	Residential	58.6	43.3	58.7	0.1	60.3	42.4	60.4	0.1	67.5	48.6	67.6	0.1	3.0	NO
33	Residential	58.6	42.6	58.7	0.1	60.3	41.3	60.4	0.1	67.5	47.6	67.5	0.0	3.0	NO
34	Residential	58.6	44.7	58.8	0.2	60.3	43.5	60.4	0.1	67.5	49.8	67.6	0.1	3.0	NO
35	Residential	58.6	43.3	58.7	0.1	60.3	42.0	60.4	0.1	67.5	48.3	67.6	0.1	3.0	NO
36	Residential	58.6	44.9	58.8	0.2	60.3	43.8	60.4	0.1	67.5	50.0	67.6	0.1	3.0	NO
37	Residential	58.6	45.2	58.8	0.2	60.3	44.0	60.4	0.1	67.5	50.2	67.6	0.1	3.0	NO
38	Residential	58.6	43.7	58.7	0.1	60.3	42.7	60.4	0.1	67.5	48.9	67.6	0.1	3.0	NO
39	Residential	58.6	43.3	58.7	0.1	60.3	41.8	60.4	0.1	67.5	48.1	67.5	0.0	3.0	NO
40	Residential	58.6	46.6	58.9	0.3	60.3	45.7	60.4	0.1	67.5	51.9	67.6	0.1	3.0	NO
41	Residential	58.6	42.3	58.7	0.1	60.3	40.3	60.3	0.0	67.5	46.7	67.5	0.0	3.0	NO
41	Residential	58.6	43.0	58.7	0.1	60.3	40.7	60.3	0.0	67.5	47.2	67.5	0.0	3.0	NO
42	Residential	58.6	42.2	58.7	0.1	60.3	40.6	60.3	0.0	67.5	47.0	67.5	0.0	3.0	NO
43	Residential	58.6	41.4	58.7	0.1	60.3	40.1	60.3	0.0	67.5	46.4	67.5	0.0	3.0	NO
44	Residential	58.6	43.0	58.7	0.1	60.3	41.8	60.4	0.1	67.5	48.0	67.5	0.0	3.0	NO
45	Residential	58.1	53.2	59.3	1.2	60.3	53.1	61.1	0.8	67.5	59.2	68.1	0.6	3.0	NO
46	Residential	58.1	52.6	59.2	1.1	60.3	52.6	61.0	0.7	67.5	58.6	68.0	0.5	3.0	NO
47	Residential	58.1	54.0	59.5	1.4	60.3	54.0	61.2	0.9	67.5	60.0	68.2	0.7	3.0	NO
47	Residential	58.1	57.5	60.8	2.7	60.3	57.5	62.1	1.8	67.5	63.5	69.0	1.5	3.0	NO
48	Residential	58.1	54.4	59.6	1.5	60.3	54.4	61.3	1.0	67.5	60.4	68.3	0.8	3.0	NO
49	Residential	58.1	53.5	59.4	1.3	60.3	53.4	61.1	0.8	67.5	59.4	68.1	0.6	3.0	NO
49	Residential	58.1	60.5	62.5	4.4	60.3	60.5	63.4	3.1	67.5	66.5	70.0	2.5	3.0	NO
50	Residential	58.1	51.9	59.0	0.9	60.3	51.8	60.9	0.6	67.5	57.8	67.9	0.4	3.0	NO
51	Residential	58.1	52.1	59.1	1.0	60.3	52.0	60.9	0.6	67.5	58.0	68.0	0.5	3.0	NO
51	Residential	58.1	58.3	61.2	3.1	60.3	58.3	62.4	2.1	67.5	64.3	69.2	1.7	3.0	NO
52	Residential	58.1	51.3	58.9	0.8	60.3	51.3	60.8	0.5	67.5	57.3	67.9	0.4	3.0	NO
53	Residential	58.1	48.2	58.5	0.4	60.3	48.2	60.6	0.3	67.5	54.2	67.7	0.2	3.0	NO
53	Residential	58.1	56.9	60.6	2.5	60.3	56.9	61.9	1.6	67.5	62.9	68.8	1.3	3.0	NO
54	Residential	58.1	41.7	58.2	0.1	60.3	41.5	60.4	0.1	67.5	47.6	67.5	0.0	3.0	NO
54	Residential	58.1	49.1	58.6	0.5	60.3	48.9	60.6	0.3	67.5	54.9	67.7	0.2	3.0	NO
55	Residential	58.1	41.5	58.2	0.1	60.3	41.2	60.4	0.1	67.5	47.2	67.5	0.0	3.0	NO
55	Residential	58.1	48.3	58.5	0.4	60.3	48.1	60.6	0.3	67.5	54.2	67.7	0.2	3.0	NO

1.See Table 9 for ambient noise level data.
2. Incremental noise threshold per City of San José General Plan Policy EC-1.2, which establishes incremental noise standards of 5 dBA L_{dn} where noise levels would remain "Normally Acceptable" and 3 dBA L_{dn} where noise levels would equal or exceed the "Normally Acceptable" level for land uses sensitive to increased noise levels. Normally acceptable levels are 60 dBA L_{dn} for residential uses. Although the normally acceptable standard for industrial and commercial office uses is 70 dBA L_{dn}, it is not considered a land use sensitive to increased noise levels per Policy EC-1.2.
Source: SoundPLAN version 5.1. See Appendix A for noise modeling data and results.

Landscape Maintenance Activities

Development and operation of the Project would also include landscaping that would require periodic maintenance. However, landscape maintenance activities would operate during daytime hours for brief periods of time as allowed by the City's Municipal Code and would not permanently increase ambient noise levels in the Project vicinity. The landscaping activities would be consistent with activities that currently occur on-site and would be in locations similar to the existing site. Due to the infrequent and intermittent nature of landscaping activities, this noise source was not included in the SoundPLAN model which is used to evaluate the Project's operational noise impacts in this analysis in compliance with General Plan Policy EC – 1.2. Because landscaping noise would not increase over existing conditions, the Project would result in a less than significant noise impact with regard to landscape maintenance activities.

Trash/Recycling/Delivery Truck Noise

The proposed Project would involve weekly trash/recycling pickups and equipment deliveries from slow-moving trucks during normal daytime hours (i.e., from 7:00 a.m. to 10:00 p.m.). Trash/recycling pickup equipment deliveries would occur in the northeastern portion of the Project site at the proposed dock drive area. Low speed truck noise results from a combination of engine, exhaust, and tire noise as well as the intermittent sound from releases of compressed air associated with truck air brakes. It is noted that trash/recycling/delivery operations would be short-term and irregular. The closest sensitive receptor to the loading dock area is approximately 500 feet northeast across SR-85. At this distance, loading dock noise would reach 44 dBA L_{eq} without accounting for attenuating structures and would not result in any noise level increases at the sensitive receptor.[26] Therefore, this noise source was not included in the SoundPLAN model which is used to evaluate the Project's operation noise impacts in compliance with General Plan Policy EC – 1.2. The Project would result in a less than significant noise impact with regard to truck loading activity.

Town of Los Gatos Operational Noise Analysis

The City of San José does not require the following information to determine the level of significance of Project impacts, but is provided in this analysis for informational purposes to help decision makers in their consideration of the proposed Project.

For sensitive receptors located in the Town of Los Gatos (i.e., residences to the west of the Project site along National Avenue), this report utilizes the noise standards in Los Gatos Municipal Code Section 16.20.015 to assess on-site operational noise impacts from the proposed Project. As indicated in Table 14, the Project's on-site operational noise levels would not be greater than 36 dBA L_{eq} at the nearest residential uses to the west located within the Town of Los Gatos. As such, noise levels from on-site operations at the Project site would not exceed the Town of Los Gatos most stringent nighttime noise standards of 51 dBA L_{eq} for residential uses in that area. The closest residential uses within in the Town of Los Gatos are located approximately 990 feet to the west of the Project site. On-site operational noise levels from the Project would range between 32 dBA L_{eq} and 36 dBA L_{eq} during the daytime, and between 31 dBA L_{eq} and 35 dBA L_{eq} during the nighttime hours at the nearest Town of Los Gatos residential uses.

[26] Loading dock reference noise level measurements conducted by Kimley-Horn on December 18, 2018 and were measured at 64 dBA L_{eq} at 50 feet.

As such, the Project's on-site operational noise levels would not exceed the Town of Los Gatos' 55 dBA L_{eq} the standards listed in Municipal Code Section 16.20.015.

City of Campbell Operational Noise Analysis

The City of San José does not require the following information to determine the level of significance of Project impacts, but is provided in this analysis for informational purposes to help decision makers in their consideration of the proposed Project.

For sensitive receptors located in the City of Campbell (i.e., residences northwest of the Project across Bascom Avenue), this report utilizes the noise standards in Table 8 to assess on-site operational noise impacts from the proposed Project. As indicated in Table 14, the Project's on-site operational noise levels would reach approximately 39 dBA L_{eq} at the closest residences in the City of Campbell. As such, noise levels from on-site operations at the Project site would not exceed the City of Campbell's nighttime noise standards of 45 dBA L_{eq} for residential uses.

Overlapping Construction and Operation Phasing

The Project would be constructed in Phases which would result in overlaps between the construction and operation of portions of the Project. There are two overlaps that that would generate substantial noise in the surrounding environment (Phase 1 operation with Phase 2 construction and Phase 1 and 2 operations with Phase 3 construction) and are discussed further below.

Phase 1 Operation and Phase 2 Construction

Proceeding the completion of construction for Phase 1 of the Project, construction would begin on Phase 2. Construction of Phase 2 includes the demolition of the existing hospital building and the construction of surface parking to the south of the new hospital building. At the same time, operation of Phase 1 would commence and would include operational noise sources from the CUP, mechanical yard, parking garage east, and existing surface parking that is on the east and west portions of the Project site.

SoundPLAN was used to calculate the combined noise levels at the nearest sensitive receptors surrounding the Project site from Phase 1 operations and Phase 2 construction activities. It should be noted that predicted noise levels are conservative estimates since it was assumed that all equipment, operational activity, and construction activity at the Project site would occur in a simultaneous manner during the daytime hours. In reality, it is anticipated that most of these noise sources would occur intermittently throughout the day and night (except for rooftop HVAC and some CUP equipment which would operate in a steady-state manner). The loudest modeled noise levels from Phase 1 operations and Phase 2 construction would be approximately 69.5 dBA L_{dn} over a 24-hour period. The modeled noise level plus the ambient noise level of 67.5 dBA L_{dn}, would result in a combined noise level of 71.6 dBA L_{dn}. The Project would be required to implement a Noise Logistics Plan in accordance with MM NOI-1 which would reduce construction noise levels to the extent feasible. Phase 2 construction noise would be reduced through various noise reduction measures, which may include the prohibition of internal combustion engine idling and the installation of mufflers on all construction equipment, among others. With these noise reductions, combined Phase 1 operations and Phase 2 construction noise levels would be lower than the levels discussed above. Further, combined operational and construction noise levels would remain below the FTA's construction noise standards of 80 dBA L_{eq} at residential uses and 85 dBA L_{eq} at commercial uses.

Conservatively, the combined noise impact of Phase 1 operation and Phase 2 construction is evaluated to the General Plan Policy EC-1.1 or the land use compatibility guidelines. According to **Table 4**, residential, hospitals, and residential care facilities can be exposed to exterior noise levels of 75 dBA L_{dn} after detailed analysis of the noise reduction requirements and needed noise insultation features included in the design. As discussed above, the combined noise level of Phase 1 operations and Phase 2 construction would be 71.6 dBA L_{dn}. While EC-1.1 is not typically used to analyze construction noise, in this scenario the thresholds were used to evaluate the overlap of operational and construction phases. Once construction ends, the noise levels would be in the normally acceptable range.

Phase 1 Operation, Phase 2 Operation, and Phase 3 Construction

Construction would begin on Phase 3 once Phase 2 has completed construction. Construction of Phase 3 includes the demolition of the existing parking lot to the west and the construction of surface parking to the south of the new hospital building, parking garage west, a medical office building, and hospital building extensions. During Phase 3 construction, operation of Phase 1 would continue, and operation of Phase 2 would commence. Operational noise sources from the Project during this period would from the HVAC from the new hospital building, the CUP, mechanical yard, parking garage east, and the existing surface parking that is south and east of the new hospital building.

SoundPLAN was used to calculate the combined noise levels at the nearest sensitive receptors surrounding the Project site from Phase 1 and 2 operations and Phase 3 construction activities. As mentioned previously, it should be noted that predicted noise levels are conservative estimates since it was assumed that all equipment, operational activity, and construction activity at the Project site would occur in a simultaneous manner during the daytime hours. In reality, it is anticipated that most of these noise sources would occur intermittently throughout the day and night (except for rooftop HVAC and some CUP equipment which would operate in a steady-state manner). The loudest modeled noise level from Phase 1 and 2 operation and Phase 3 construction would be approximately 76.6 dBA L_{dn} over a 24-hour period during Phase 3 construction paving. The modeled noise level plus the ambient noise level of 67.5 dBA L_{dn} would result in a combined noise level of 77.1 dBA L_{dn}. Thus, the combined noise impact of Phase 1 and 2 operations and Phase 3 construction would result in a noise level increase above the conditionally acceptable exterior noise exposure level of 75 dBA L_{dn} per **Table 4** and EC-1.1.

As mentioned above, the Project would be required to implement a construction noise logistics plan prior to each construction phase in accordance with MM NOI-1 which would reduce construction noise levels to the extent feasible. Further, to reduce noise levels for work during Phase 3 construction occurring adjacent to residences, or other noise-sensitive land uses, MM NOI-2 requires a noise barrier(s) on the south, southeastern, and eastern edge of the work site facing the receptor(s). Following implementation of MM NOI-1 and MM NOI-2, the combined noise levels from Phase 1 and 2 operations and Phase 3 construction would reduce to 74.0 dBA L_{dn}. This would result in noise levels below the conditionally acceptable exterior noise exposure level of 75 dBA L_{dn} per **Table 4** and EC-1.1. Therefore, the combined noise impact from Phase 1 and 2 operations and Phase 3 construction would be less than significant with implementation of MM NOI-1 and MM NOI-2.

Mitigation Measures:

MM NOI-1 **Construction Noise Logistics Plan** (See description above)

MM NOI-2 **Noise Barriers** (See description above)

MM NOI-3 **Nighttime Construction** (See description above)

Level of Significance: Project construction noise would be less than significant with mitigation. Project operations noise would be less than significant. Overlapping combined noise would be less than significant with mitigation.

Threshold 6.2 Would the Project generate excessive groundborne vibration or groundborne noise levels?

Construction Vibration

Increases in groundborne vibration levels attributable to the Project would be primarily associated with construction-related activities. Construction on the Project site would have the potential to result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved. Ground vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. The effect on buildings located in the vicinity of the construction site often varies depending on soil type, ground strata, and construction characteristics of the receiver building(s). The results from vibration can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibration at moderate levels, to slight damage at the highest levels. Groundborne vibrations from construction activities rarely reach levels that damage structures.

The FTA has published standard vibration velocities for construction equipment operations. In general, depending on the building category of the nearest buildings adjacent to the potential pile driving area, the potential construction vibration damage criteria vary. For example, for a building constructed with reinforced concrete with no plaster, the FTA guidelines show that a vibration level of up to 0.50 in/sec PPV is considered safe and would not result in any construction vibration damage. In general, the FTA architectural damage criterion for continuous vibrations (i.e., 0.2 in/sec) appears to be conservative. The types of construction vibration impacts include human annoyance and building damage. Human annoyance occurs when construction vibration rises significantly above the threshold of human perception for extended periods of time. Building damage can be cosmetic or structural. Ordinary buildings that are not particularly fragile would not experience cosmetic damage (e.g., plaster cracks) at distances beyond 30 feet. This distance can vary substantially depending on soil composition and underground geological layer between vibration source and receiver.

Table 21: Typical Construction Equipment Vibration Noise Levels, lists vibration levels at 25 feet, 50 feet, and 100 feet for typical construction equipment. Groundborne vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. As indicated in Table 21, based on FTA data, vibration velocities from typical heavy construction equipment operations that would be used during Project construction range from 0.0008 to 0.0239 in/sec PPV at 45 feet from the source of activity. The nearest sensitive receptor is approximately 45 feet from the active construction zone and would not experience perceptible vibration levels. Impact pile driving would be required during construction of the CUP in Phase 1 of the Project. The closest sensitive receptor to the CUP is located approximately 300 feet away.

Table 21: Typical Construction Equipment Vibration Noise Levels

Equipment	Peak Particle Velocity At 25 feet (in/sec)	Peak Particle Velocity At 45 feet (in/sec)[1]	Peak Particle Velocity At 300 feet (in/sec)[1]
Impact Pile Driving	-	-	0.037
Large Bulldozer	0.089	0.037	0.002
Loaded Trucks	0.076	0.032	0.002
Rock Breaker	0.059	0.024	0.001
Jackhammer	0.035	0.015	0.001
Small Bulldozer/Tractors	0.003	0.001	0.000

1. Calculated using the following formula: PPVequip = PPVref x (25/D)1.5, where: PPVequip = the peak particle velocity in in/sec of the equipment adjusted for the distance; PPVref = the reference vibration level in in/sec from Table 7-4 of the Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, 2018; D = the distance from the equipment to the receiver.

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, September 2018.

As shown in Table 21, the highest vibration levels are achieved with the large bulldozer operations at the receptors located 45 feet away and pile driving at receptors 300 feet away. This construction activity is expected to take place during grading and Phase 1 building construction respectively. Additionally, per General Plan Policy EC-2.3, continuous vibration limits shall not exceed 0.08 PPV for sensitive historical structures and 0.20 PPV for normal conventional construction.[27] In general, other construction activities would occur throughout the Project site and would not be concentrated at the point closest to the nearest structure. Therefore, vibration impacts associated with the construction of the Project would be less than significant.

Operational Vibration

Once operational, the Project would not be a significant source of groundborne vibration. Groundborne vibration surrounding the Project currently result from heavy-duty vehicular travel (e.g., refuse trucks, heavy duty trucks, delivery trucks, and transit buses) on the nearby local roadways. Operations of the proposed Project would include activities associated with a hospital (i.e., parking, trash/recycling pickup, etc.) that typically would not cause excessive ground-borne vibrations. Due to the rapid drop-off rate of ground-borne vibration and the short duration of the associated events, vehicular traffic-induced ground-borne vibration is rarely perceptible beyond the roadway right-of-way, and rarely results in vibration levels that cause damage to buildings in the vicinity. According to the FTA's Transit Noise and Vibration Impact Assessment, trucks rarely create vibration levels that exceed 70 VdB (equivalent to 0.012 in/sec PPV) when they are on roadways. Therefore, trucks operating at the Project site or along surrounding roadways would not exceed FTA thresholds or General Plan Policy EC-2.3 for building damage or annoyance. Impacts would be less than significant in this regard.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold 6.3 For a Project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the Project area to excessive noise levels?

[27] It should be noted that there are no historical structures in the Project area and therefore the City's 0.08 PPV continuous vibration standard does not apply.

The nearest airport to the Project site is the Norman Y. Mineta San José International Airport located approximately 5.6 miles northeast of the Project site. The Project site lies outside of the 65 dBA CNEL noise contours shown in the Norman Y. Mineta San José International Airport Master Plan Update Project report published in October 2019.[28] Although aircraft-related noise would occasionally be audible at the Project site, noise from aircraft would not substantially increase ambient noise levels. Exterior noise levels resulting from aircraft would be compatible with the proposed Project. By ensuring compliance with the building code requirements for window assemblies, interior noise levels would also be considered acceptable with aircraft noise. Therefore, the Project would not expose people residing or working in the Project area to excessive airport- or airstrip-related noise levels and no mitigation is required.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

6.2 CUMULATIVE NOISE IMPACTS

Noise by definition is a localized phenomenon, and drastically reduces as distance from the source increases. Cumulative noise impacts involve development of the Project in combination with ambient growth and other related development projects. As noise levels decrease as distance from the source increases, only projects in the nearby area could combine with the Project to potentially result in cumulative noise impacts. The geographic context for cumulative noise and vibration construction impacts encompasses sensitive receptors within approximately 1,000 feet of the project site. Beyond 1,000 feet, the construction noise from cumulative projects would be greatly attenuated by both distance and intervening structures.

Cumulative Construction Noise

Per San José Municipal Code Section 20.100.450, the City permits construction hours within 500 feet of a residential unit when limited to the hours of 7:00 a.m. to 7:00 p.m. on Monday through Friday, unless otherwise allowed in a Development Permit or other planning approval. The Project would receive a development permit that allows for construction to occur within 500 feet of residences, occur 6 days a week, and have nighttime construction. The Project would potentially contribute to other proximate construction noise impacts if construction activities were conducted concurrently. Samaritan Medical Campus Development Plan would be within the geographic scope for noise and vibration impacts. However, based on the environmental document prepared, no more than two buildings would undergo heavy construction simultaneously and mitigation measures are included to reduce construction noise (MM NOI-1.1 through MM NOI-1.3 in the 2016 Original and subsequent two Addendum EIRs for the Samaritan Medical Center Master Plan EIR). While the environmental document found a significant and unavoidable construction impact, it concluded a less than significant cumulative impact. Based on the proposed Project's noise analysis above, the Project's construction-related noise impacts would be less than significant when overlapping with Project operations, when following implementation of best management practices, mitigation measures, compliance with General Plan Policy EC-1.7 and Municipal Code. Therefore, there may be a cumulative impact in construction noise levels if the two projects were constructed concurrently. As stated in the CEQA Guidelines section 15064(h)(4), "The mere existence of cumulative impacts caused by other projects alone shall not constitute substantial evidence that the

[28] City of San José, *Norman Y. Mineta San José International Airport Master Plan Update*, *Noise Assessment for the Master Plan Environmental Impact Report,* October 2019.

proposed project's incremental effects are cumulatively considerable." Therefore, the cumulative impacts analysis in an EIR should not discuss impacts which do not result in part from the project evaluated in the EIR. Therefore, the proposed Project's incremental effects would not result in a cumulatively considerable contribution.

The Samaritan Medical Campus Development Plan EIR (2016) identified a maximum construction noise level of 76 dBA L_{eq} at the closest receptor to the south along Lost Oaks Drive. Noise Levels from the proposed Project would be approximately 67.6 dBA at this receptor with MM NOI-1. As the Project's construction noise levels are more than 8 dBA lower than the cumulative project noise levels, it would increase noise levels at this receptor by 1 dBA.[29] Less than 3 dBA is considered not perceptible to humans. Therefore, the Project construction noise would not cumulatively contribute to the related cumulative project's noise levels. In addition, construction activities at other planned and approved projects would be required to take place during daytime hours unless an exemption was approved, and the City and project applicants would be required to evaluate construction noise impacts and implement mitigation, if necessary, to minimize noise impacts. Each project in the City would be required to comply with the applicable City of San José Municipal Code limitations on allowable hours of construction.

Due to such requirements and the distance between cumulative projects, construction noise from the Project and other projects would not create a significant cumulative noise impact.

Cumulative Operational Noise

Cumulative noise impacts describe how much noise levels are projected to increase over existing conditions with the development of the Project and other past, present, and foreseeable projects. Cumulative noise impacts would occur primarily as a result of increased traffic on local roadways due to buildout of the Project and other projects in the vicinity. However, noise from generators and other stationary sources could also generate cumulative noise levels.

Stationary Noise

As discussed above, impacts from the Project's operations would be less than significant. Due to site distance, intervening land uses, and the fact that noise dissipates as it travels away from its source, noise impacts from on-site activities and other stationary sources would be limited to the Project vicinity which would not change significantly over existing conditions. There is Samaritan Medical Center Master Plan development that was planned west of the Project site that would generate stationary noise that would compound with the operational noise levels generated by the Project.[30] However, due to the distance between the commercial development and the sensitive receptors, the presence of noise attenuating structures in the surrounding area, and that existing medical uses already exist on-site, cumulative noise would not reach levels that exceed the City's Land Use Compatibility Guidelines at nearby sensitive receptors. Furthermore, each project would comply with applicable San José General Plan noise regulations and would maintain their generated stationary noise levels at an acceptable level for nearby uses. Thus, cumulative operational noise impacts from related projects, in conjunction with Project-specific noise impacts, would not be cumulatively significant.

[29] Per the California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol (2013), adding two noise levels that differ by 4-9 dB result in a 1 dBA (less than barely noticeable increase).

[30] City of San José, *Samaritan Medical Center Master Plan Draft EIR*, May 2016. Accessed at https://www.sanjoseca.gov/home/showpublisheddocument/87814/637932439397900000

Traffic Noise

Cumulative traffic accounts for 20 planned, proposed, and approved projects in the surrounding area. A project's contribution to a cumulative traffic noise increase would be considered significant when the combined effect exceeds perception level (i.e., auditory level increase) threshold. Cumulative increases in traffic noise levels were estimated by comparing the Existing Plus Project and Cumulative scenarios to Existing Conditions.

The following criteria is used to evaluate the combined effect of the cumulative noise increase.

- Combined Effect. The cumulative with Project noise level ("Cumulative Year With Project") would cause a significant cumulative impact if a 3.0 dB increase over "Existing" conditions occurs and the resulting noise level exceeds the applicable exterior standard at a sensitive use. Although there may be a significant noise increase due to the Project in combination with other related projects (combined effects), it must also be demonstrated that the Project has an incremental effect. In other words, a cumulatively significant portion of the noise increase must be due to the Project.

The following criteria have been used to evaluate the incremental effect of the cumulative noise increase.

- Incremental Effects. The "Cumulative Year With Project" causes a 1.0 dBA increase in noise over the "Cumulative Without Project" noise level.

A significant impact would result only if both the combined and incremental effects criteria have been exceeded. Noise by definition is a localized phenomenon and reduces as distance from the source increases. Consequently, only the Project and growth due to occur in the general area would contribute to cumulative noise impacts.

Table 22: Cumulative Plus Project Conditions Predicted Traffic Noise Levels identifies the traffic noise effects along roadway segments in the vicinity of the Project site for "Existing," "Cumulative Year Without Project," and "Cumulative Year With Project," conditions, including incremental and net cumulative impacts.

First, it must be determined whether the "Cumulative Year With Project" increase above existing conditions (Combined Effects) is exceeded. As indicated in Table 22, the Project has no street segments that exceed both the Combined Effects criteria and the Incremental Effects criteria for any roadway segment analyzed.

Table 22: Cumulative Plus Project Conditions Predicted Traffic Noise Levels

Roadway Segment	Existing[1] (L_{dn})	Cumulative Year Without Project[1] (L_{dn})	Cumulative Year With Project[1] (L_{dn})	Combined Effects	Incremental Effects	Cumulatively Considerable Contributor to a Cumulatively Significant Impact?
				dBA Difference: Existing and Cumulative Year With Project	dBA Difference: Cumulative Year Without and With Project	
Bascom Avenue						

Roadway Segment	Existing[1] (L_{dn})	Cumulative Year Without Project[1] (L_{dn})	Cumulative Year With Project[1] (L_{dn})	Combined Effects	Incremental Effects	Cumulatively Considerable Contributor to a Cumulatively Significant Impact?
				dBA Difference: Existing and Cumulative Year With Project	dBA Difference: Cumulative Year Without and With Project	
North of East Mozart Avenue	67.2	67.7	68.0	0.8	0.3	No
South of East Mozart Avenue	67.3	67.7	68.0	0.7	0.3	No
South of Samaritan Drive	66.8	67.8	68.1	1.3	0.3	No
South of White Oaks Avenue	67.0	67.6	67.9	0.9	0.3	No
North of SR-85 North Ramps	67.1	67.7	68.0	0.9	0.3	No
South of SR-85 North Ramps	67.4	68.3	68.7	1.3	0.4	No
South of 85-South Ramp	67.8	69.0	69.4	1.6	0.4	No
Samaritan Drive						
East of National Avenue	63.2	64.5	65.5	2.3	1.0	No
East of Samaritan Court	61.7	63.0	64.4	2.7	1.4	No
West of Samaritan Court	60.4	61.9	63.3	3.0	1.4	No[2]
East of Kinghurst Drive	61.6	62.7	64.3	2.7	1.6	No
West of Union Avenue	64.4	65.0	65.7	1.3	0.7	No
East of Bascom Avenue	63.5	64.7	65.7	2.2	1.0	No
West of Bascom Avenue	53.2	58.2	58.2	5.0	0.0	No
East of Samaritan Place	62.2	63.2	64.3	2.1	1.1	No
West of Samaritan Place	61.7	62.6	63.8	2.1	1.2	No
East of SR 85 South Off Ramp	64.5	65.2	65.9	1.4	0.7	No
West of SR-85 South Ramp	62.8	63.7	64.7	1.9	1.0	No
Samaritan Place						
North of Samaritan Drive	47.4	47.4	49.5	2.1	2.1	No
Union Avenue						
South of Camden Avenue	64.9	65.5	65.6	0.7	0.1	No
North of SR-85 North Ramp	66.1	66.4	66.5	0.4	0.1	No
South of SR-85 North Ramp	66.7	67.0	67.3	0.6	0.3	No
South of SR-85 South Ramp	66.1	66.2	66.4	0.3	0.2	No
North of Los Gatos-Almaden Road	64.8	65.0	65.2	0.4	0.2	No
Los Gatos Boulevard						

Roadway Segment	Existing[1] (L_{dn})	Cumulative Year Without Project[1] (L_{dn})	Cumulative Year With Project[1] (L_{dn})	Combined Effects: dBA Difference: Existing and Cumulative Year With Project	Incremental Effects: dBA Difference: Cumulative Year Without and With Project	Cumulatively Considerable Contributor to a Cumulatively Significant Impact?
North of Walker Street	65.5	66.3	66.6	1.1	0.3	No
South of Walker Street	65.5	66.6	66.9	1.4	0.3	No
North of Lark Avenue	64.6	66.2	66.2	1.6	0.0	No
South of Lark Avenue	65.4	66.3	66.3	0.9	0.0	No
Lark Avenue						
West of Los Gatos Boulevard	63.6	64.5	64.5	0.9	0.0	No
East of SR-17 East Ramp	66.5	67.1	67.2	0.7	0.1	No

ADT = average daily trips; dBA = A-weighted decibels; L_{dn} = day-night noise level

1. Traffic noise levels are at 100 feet from the roadway centerline.
2. The noise level is 2.96 dBA L_{dn} but is shown as 3 dBA L_{dn} due to rounding. The segment would have a traffic noise increase below 3 dBA L_{dn}. Further, uses surrounding the roadway segment are medical office buildings and the resulting noise level would be below the 70 dBA L_{dn} normally acceptable level for office buildings.

Source: Based on traffic data provided by Kimley-Horn, 2023. Refer to Appendix A for traffic noise modeling assumptions and results.

As indicated in the table, one segment would exceed the combined effects criterion (Samaritan Drive west of Bascom Avenue). However, this segment would not exceed the 1 dB incremental effects criterion. Additionally, multiple roadway segments exceed the incremental effects criteria. However, none of the roadway segments exceed both the Combined and Incremental Effects Criterion. The Project would not result in long-term mobile noise impacts based on Project-generated traffic as well as cumulative and incremental noise levels. Therefore, the Project, in combination with cumulative background traffic noise levels, would result in a less than significant cumulative impact. The Project's contribution to noise levels would not be cumulatively considerable.

7 REFERENCES

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6. City of San José, *Envision San José 2040 General Plan*, 2011.
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9. Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden, Noise Navigator Sound Level Database with Over 1700 Measurement Values, July 6, 2010.
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15. Kariel, H. G., *Noise in Rural Recreational Environments*, Canadian Acoustics 19(5), 3-10, 1991.
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17. SPX Cooling Technologies, *NC 8400 Steel Cooling Tower Engineering Data*, April 2012.
18. Town of Los Gatos, *General Plan Environment and Sustainability Element*, 2022.
19. Town of Los Gatos, *Municipal Code*, 2023
20. United States Department of Housing and Urban Development, Noise Guidebook, 2009.
21. United States Environmental Protection Agency, *Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances*, 1971.

Appendix A

Noise Data

Noise Measurement Field Data

Project:	Good Samaritan Hospital	**Job Number:**	194091003
Site No.:	ST-1	**Date:**	2/17/2023
Analyst:	Tanay Pradhan	**Time:**	9:27 AM
Location:	Samaritan Place by the Apartments		
Noise Sources:	Traffic on Samaritan Place, Pedestrian Traffic		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Measurement 1:	58.1	52.8	75.2	103.2

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	61
Wind (mph):	15
Sky:	Clear
Bar. Pressure:	29.85
Humidity:	53%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LxT_Data.007.s	Computer's File Name	LxTse_0006073-20230217 092751-LxT_Data.007.ldbin
Meter	LxT SE 0006073	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2023-02-17 09:27:51	Duration	0:10:00.0		
End Time	2023-02-17 09:37:51	Run Time	0:10:00.0	Pause Time	0:00:00.0
Pre-Calibration	2023-01-27 09:59:16	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	58.1 dB		
LAE	85.9 dB	SEA	--- dB
EA	43.0 µPa²h		
LZ_{peak}	103.2 dB	2023-02-17 09:28:01	
LAS_{max}	75.2 dB	2023-02-17 09:31:10	
LAS_{min}	52.8 dB	2023-02-17 09:32:29	
LA_{eq}	58.1 dB		
LC_{eq}	67.1 dB	LC_{eq} - LA_{eq}	9.0 dB
LAI_{eq}	60.7 dB	LAI_{eq} - LA_{eq}	2.6 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
58.1 dB	58.1 dB	0.0 dB

LDEN	LDay	LEve	LNight
58.1 dB	58.1 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	58.1 dB		67.1 dB		--- dB	
$Ls_{(max)}$	75.2 dB	2023-02-17 09:31:10	--- dB	None	--- dB	None
$LS_{(min)}$	52.8 dB	2023-02-17 09:32:29	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	103.2 dB	2023-02-17 09:28:01

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	18	0:01:03.2

Statistics

LAS 5.0	60.5 dB
LAS 10.0	59.8 dB
LAS 33.3	58.3 dB
LAS 50.0	57.6 dB
LAS 66.6	56.0 dB
LAS 90.0	54.2 dB

Noise Measurement Field Data

Project:	Good Samaritan Hospital	**Job Number:**	194091003
Site No.:	ST-2	**Date:**	2/17/2023
Analyst:	Tanay Pradhan	**Time:**	9:48 AM
Location:	Parking Lot South of the hospital across Samartian Drive		
Noise Sources:	Parking Lot Noise, Sirens		
Comments:	Landscape Maintenance Activities began occuring for a short duration		

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Measurement 1:	58.6	50.1	69.3	106.4

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	58
Wind (mph):	17
Sky:	Clear
Bar. Pressure:	29.84
Humidity:	58%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LxT_Data.008.s	Computer's File Name	LxTse_0006073-20230217 094819-LxT_Data.008.ldbin
Meter	LxT SE 0006073	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2023-02-17 09:48:19	Duration	0:10:00.0		
End Time	2023-02-17 09:58:19	Run Time	0:10:00.0	Pause Time	0:00:00.0
Pre-Calibration	2023-01-27 09:59:16	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	58.6 dB		
LAE	86.4 dB	SEA	--- dB
EA	48.3 µPa²h		
LZ_{peak}	106.4 dB	2023-02-17 09:51:25	
LAS_{max}	69.3 dB	2023-02-17 09:49:03	
LAS_{min}	50.1 dB	2023-02-17 09:51:58	
LA_{eq}	58.6 dB		
LC_{eq}	69.4 dB	LC_{eq} - LA_{eq}	10.8 dB
LAI_{eq}	61.3 dB	LAI_{eq} - LA_{eq}	2.7 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
58.6 dB	58.6 dB	0.0 dB

LDEN	LDay	LEve	LNight
58.6 dB	58.6 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	58.6 dB		69.4 dB		--- dB	
$Ls_{(max)}$	69.3 dB	2023-02-17 09:49:03	--- dB	None	--- dB	None
$LS_{(min)}$	50.1 dB	2023-02-17 09:51:58	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	106.4 dB	2023-02-17 09:51:25

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	12	0:00:31.2

Statistics

LAS 5.0	65.0 dB
LAS 10.0	62.5 dB
LAS 33.3	56.9 dB
LAS 50.0	55.1 dB
LAS 66.6	54.0 dB
LAS 90.0	52.2 dB

Noise Measurement Field Data

Project:	Good Samaritan Hospital	**Job Number:**	194091003
Site No.:	ST-3	**Date:**	2/17/2023
Analyst:	Tanay Pradhan	**Time:**	10:33 AM
Location:	West of the Hosptial in the Parking Lot		
Noise Sources:	Parking Lot Noise		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Measurement 1:	56.7	53.4	68.3	104.7

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	63
Wind (mph):	18
Sky:	Clear
Bar. Pressure:	29.83
Humidity:	46%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LxT_Data.011.s	Computer's File Name	LxTse_0006073-20230217 103359-LxT_Data.011.ldbin
Meter	LxT SE 0006073	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2023-02-17 10:33:59	Duration	0:10:00.0		
End Time	2023-02-17 10:43:59	Run Time	0:10:00.0	Pause Time	0:00:00.0
Pre-Calibration	2023-01-27 09:59:16	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	56.7 dB		
LAE	84.5 dB	SEA	--- dB
EA	31.2 µPa²h		
LZ_{peak}	104.7 dB	2023-02-17 10:37:35	
LAS_{max}	68.3 dB	2023-02-17 10:43:30	
LAS_{min}	53.4 dB	2023-02-17 10:43:45	
LA_{eq}	56.7 dB		
LC_{eq}	68.3 dB	LC_{eq} - LA_{eq}	11.6 dB
LAI_{eq}	58.0 dB	LAI_{eq} - LA_{eq}	1.3 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
56.7 dB	56.7 dB	0.0 dB

LDEN	LDay	LEve	LNight
56.7 dB	56.7 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	56.7 dB		68.3 dB		--- dB	
$Ls_{(max)}$	68.3 dB	2023-02-17 10:43:30	--- dB	None	--- dB	None
$LS_{(min)}$	53.4 dB	2023-02-17 10:43:45	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	104.7 dB	2023-02-17 10:37:35

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	18	0:01:25.6

Statistics

LAS 5.0	58.2 dB
LAS 10.0	57.8 dB
LAS 33.3	56.8 dB
LAS 50.0	56.4 dB
LAS 66.6	55.8 dB
LAS 90.0	54.8 dB

Noise Measurement Field Data

Project:	Good Samaritan Hospital	**Job Number:**	194091003
Site No.:	ST-4	**Date:**	2/17/2023
Analyst:	Tanay Pradhan	**Time:**	10:58 AM
Location:	Samartian Drive near the East Parking Lot Enterance		
Noise Sources:	Traffic on Samartian Drive, Parking Lot Noise, Pedestrian Traffic		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Measurement 1:	63.0	54.5	73.2	115.0

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	63
Wind (mph):	18
Sky:	Clear
Bar. Pressure:	29.83
Humidity:	46%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LxT_Data.012.s	Computer's File Name	LxTse_0006073-20230217 105823-LxT_Data.012.ldbin
Meter	LxT SE 0006073	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2023-02-17 10:58:23	Duration	0:10:00.0		
End Time	2023-02-17 11:08:23	Run Time	0:10:00.0	Pause Time	0:00:00.0
Pre-Calibration	2023-01-27 09:59:16	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	63.0 dB		
LAE	90.8 dB	SEA	--- dB
EA	133.0 µPa²h		
LZ_{peak}	115.0 dB	2023-02-17 11:03:02	
LAS_{max}	73.2 dB	2023-02-17 11:07:55	
LAS_{min}	54.5 dB	2023-02-17 11:05:11	
LA_{eq}	63.0 dB		
LC_{eq}	74.3 dB	LC_{eq} - LA_{eq}	11.3 dB
LAI_{eq}	64.6 dB	LAI_{eq} - LA_{eq}	1.6 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
63.0 dB	63.0 dB	0.0 dB

LDEN	LDay	LEve	LNight
63.0 dB	63.0 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	63.0 dB		74.3 dB		--- dB	
$Ls_{(max)}$	73.2 dB	2023-02-17 11:07:55	--- dB	None	--- dB	None
$LS_{(min)}$	54.5 dB	2023-02-17 11:05:11	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	115.0 dB	2023-02-17 11:03:02

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	34	0:05:52.6

Statistics

LAS 5.0	67.4 dB
LAS 10.0	66.3 dB
LAS 33.3	63.6 dB
LAS 50.0	61.2 dB
LAS 66.6	58.8 dB
LAS 90.0	56.1 dB

Noise Measurement Field Data

Project:	Good Samaritan Hospital	**Job Number:**	194091003
Site No.:	ST-5	**Date:**	2/17/2023
Analyst:	Tanay Pradhan	**Time:**	10:05 AM
Location:	Intersection between Samartian Court and Samaritan Drive		
Noise Sources:	Traffic on Samaritan Drive and Samaritan Court, Sirens, Pedestrian Traffic		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Measurement 1:	61.5	53.9	71.1	97.8

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	58
Wind (mph):	19
Sky:	Clear
Bar. Pressure:	29.83
Humidity:	56%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LxT_Data.009.s	Computer's File Name	LxTse_0006073-20230217 100521-LxT_Data.009.ldbin
Meter	LxT SE 0006073	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2023-02-17 10:05:21	Duration	0:10:00.0		
End Time	2023-02-17 10:15:21	Run Time	0:10:00.0	Pause Time	0:00:00.0
Pre-Calibration	2023-01-27 09:59:16	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	61.5 dB		
LAE	89.3 dB	SEA	--- dB
EA	94.2 µPa²h		
LZ_{peak}	97.8 dB	2023-02-17 10:14:05	
LAS_{max}	71.1 dB	2023-02-17 10:11:11	
LAS_{min}	53.9 dB	2023-02-17 10:10:36	
LA_{eq}	61.5 dB		
LC_{eq}	68.6 dB	LC_{eq} - LA_{eq}	7.1 dB
LAI_{eq}	62.7 dB	LAI_{eq} - LA_{eq}	1.2 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
61.5 dB	61.5 dB	0.0 dB

LDEN	LDay	LEve	LNight
61.5 dB	61.5 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	61.5 dB		68.6 dB		--- dB	
$Ls_{(max)}$	71.1 dB	2023-02-17 10:11:11	--- dB	None	--- dB	None
$LS_{(min)}$	53.9 dB	2023-02-17 10:10:36	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	97.8 dB	2023-02-17 10:14:05

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	20	0:00:56.10

Statistics

LAS 5.0	66.5 dB
LAS 10.0	64.8 dB
LAS 33.3	61.4 dB
LAS 50.0	59.5 dB
LAS 66.6	58.1 dB
LAS 90.0	55.2 dB

Noise Measurement Field Data

Project:	Good Samaritan Hospital	**Job Number:**	194091003
Site No.:	LT-1	**Date:**	2/17/2023
Analyst:	Tanay Pradhan	**Time:**	11:23 AM
Location:	Samartian Drive near the East Parking Lot Enterance		
Noise Sources:	Traffic on Samartian Drive, Siren, Parking Lot Noise, Pedestrian traffic		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Measurement 1:	62.8	42.6	97.4	119.9

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	62
Wind (mph):	18
Sky:	Clear
Bar. Pressure:	29.83
Humidity:	46%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LxT_Data.014.s	Computer's File Name	LxTse_0006073-20230217 112348-LxT_Data.014.ldbin
Meter	LxT SE 0006073	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2023-02-17 11:23:48	Duration	24:00:00.0		
End Time	2023-02-18 11:23:48	Run Time	24:00:00.0	Pause Time	0:00:00.0
Pre-Calibration	2023-01-27 09:59:16	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	62.8 dB		
LAE	112.2 dB	SEA	--- dB
EA	18.3 mPa²h		
LZ_{peak}	119.9 dB	2023-02-17 14:39:54	
LAS_{max}	97.4 dB	2023-02-18 10:01:50	
LAS_{min}	42.6 dB	2023-02-17 23:26:54	
LA_{eq}	62.8 dB		
LC_{eq}	71.9 dB	LC_{eq} - LA_{eq}	9.1 dB
LAI_{eq}	65.4 dB	LAI_{eq} - LA_{eq}	2.6 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	5	0:00:25.7
LAS > 115.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
67.5 dB	63.8 dB	0.0 dB

LDEN	LDay	LEve	LNight
67.6 dB	64.6 dB	56.8 dB	60.3 dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	62.8 dB		71.9 dB		--- dB	
$Ls_{(max)}$	97.4 dB	2023-02-18 10:01:50	--- dB	None	--- dB	None
$LS_{(min)}$	42.6 dB	2023-02-17 23:26:54	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	119.9 dB	2023-02-17 14:39:54

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	3120	5:04:31.4

Statistics

LAS 5.0	66.6 dB
LAS 10.0	65.2 dB
LAS 33.3	61.5 dB
LAS 50.0	59.3 dB
LAS 66.6	56.4 dB
LAS 90.0	48.2 dB

Project: **Good Sam Phase 1**

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

	Receptor (Land Use)	Distance (feet)	Shielding	Direction
1	Residences	510	0	E
2	Medical Office Building	500	0	S
3			0	SE
4			0	E
5			0	E
6			0	NE
7			0	SW

					RECEPTOR 1		RECEPTOR 2	
Construction Phase	Equipment Type	No. of Equip.	Acoustical Usage Factor	Reference Noise Level at 50ft per Unit, Lmax	Noise Level at Receptor 1, Lmax	Noise Level at Receptor 1, Leq	Noise Level at Receptor 2, Lmax	Noise Level at Receptor 2, Leq
Demolition								
	Dozer	2	40%	82	64.5	60.6	64.7	60.7
	Excavator	3	40%	81	65.3	61.3	65.5	61.5
	Concrete Saw	1	20%	90	69.4	62.4	69.6	62.6
Combined LEQ						**66.3**		**66.5**
Site Preparation								
	Dozer	3	40%	82	66.3	62.3	66.5	62.5
	Tractor	4	40%	84	69.8	65.9	70.0	66.0
Combined LEQ						**67.5**		**67.6**
Grading								
	Grader	1	40%	85	64.8	60.8	65.0	61.0
	Excavator	2	40%	81	63.5	59.6	63.7	59.7
	Tractor	2	40%	84	66.8	62.9	67.0	63.0
	Scraper	2	40%	84	66.4	62.5	66.6	62.6
	Dozer	1	40%	82	61.5	57.5	61.7	57.7
Combined LEQ						**68.0**		**68.2**

Building Construction								
	Man Lift	3	20%	75	59.3	52.3	59.5	52.5
	Generator	1	50%	81	60.4	57.4	60.6	57.6
	Crane	1	16%	81	60.4	52.5	60.6	52.6
	Welder/Torch	1	40%	74	53.8	49.8	54.0	50.0
	Tractor	3	40%	84	68.6	64.6	68.8	64.8
	Impact Pile Driver	1	20%	101	81.1	74.1	81.3	74.3
Combined LEQ						**74.7**		**74.9**
Paving								
	Paver	2	50%	77	60.0	57.0	60.2	57.2
	Pavement Scarafier	2	20%	90	72.3	65.3	72.5	65.5
	Roller	2	20%	80	62.8	55.8	63.0	56.0
Combined LEQ						**66.4**		**66.5**
Architectural Coating								
	Compressor (air)	1	40%	78	57.5	53.5	57.7	53.7
Combined LEQ						**53.5**		**53.7**

Source for Ref. Noise Levels: RCNM, 2005

Project: Good Sam Phase 2

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

	Receptor (Land Use)	Distance (feet)	Shielding	Direction
1	Residences	390	0	S
2	Medical Office Building	300	0	S
3			0	SE
4			0	SW
5			0	N
6			0	NE
7			0	SW

					RECEPTOR 1		RECEPTOR 2	
Construction Phase	**Equipment Type**	**No. of Equip.**	**Acoustical Usage Factor**	**Reference Noise Level at 50ft per Unit, Lmax**	**Noise Level at Receptor 1, Lmax**	**Noise Level at Receptor 1, Leq**	**Noise Level at Receptor 2, Lmax**	**Noise Level at Receptor 2, Leq**
Demolition								
	Dozer	2	40%	82	66.9	62.9	69.1	65.2
	Concrete Saw	1	20%	90	71.8	64.8	74.0	67.0
	Excavator	3	40%	81	67.6	63.6	69.9	65.9
			#N/A	#N/A	0.0	0.0	0.0	0.0
Combined LEQ						**68.6**		**70.9**

Site Preparation								
	Dozer	3	40%	82	68.6	64.6	70.9	66.9
	Tractor	4	40%	84	72.2	68.2	74.5	70.5
			#N/A	#N/A	0.0	0.0	0.0	0.0
Combined LEQ						**69.8**		**72.1**
Grading								
	Tractor	3	40%	84	70.9	66.9	73.2	69.2
	Grader	1	40%	85	67.2	63.2	69.4	65.5
	Excavator	1	40%	81	62.9	58.9	65.1	61.2
	Dozer	1	40%	82	63.9	59.9	66.1	62.2
Combined LEQ						**69.4**		**71.7**
Building Construction								
	Man Lift	3	20%	75	61.6	54.6	63.9	56.9
	Generator	1	50%	81	62.8	59.7	65.0	62.0
	Crane	1	16%	81	62.8	54.8	65.0	57.1
	Welder/Torch	1	40%	74	56.2	52.2	58.4	54.5
	Tractor	3	40%	84	70.9	66.9	73.2	69.2
Combined LEQ						**68.2**		**70.5**
Paving								
	Paver	1	50%	77	59.4	56.3	61.6	58.6
	Pavement Scarafier	2	20%	90	74.7	67.7	76.9	70.0
	Roller	2	20%	80	65.2	58.2	67.4	60.5
	Tractor	1	40%	84	66.2	62.2	68.4	64.5
	Vibratory Concrete Mixer	2	20%	80	65.2	58.2	67.4	60.5
Combined LEQ						**69.7**		**71.9**
Architectural Coating								
	Compressor (air)	1	40%	78	59.9	55.9	62.1	58.2
Combined LEQ						**55.9**		**58.2**

Source for Ref. Noise Levels: RCNM, 2005

Project: Good Sam Phase 3

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

	Receptor (Land Use)	Distance (feet)	Shielding	Direction
1	Residences	450	0	S
2	Medical Office Building	300	0	S
3			0	SE
4			0	SW
5			0	N
6			0	NE
7			0	SW

					RECEPTOR 1		RECEPTOR 2	
Construction Phase	**Equipment Type**	**No. of Equip.**	**Acoustical Usage Factor**	**Reference Noise Level at 50ft per Unit, Lmax**	**Noise Level at Receptor 1, Lmax**	**Noise Level at Receptor 1, Leq**	**Noise Level at Receptor 2, Lmax**	**Noise Level at Receptor 2, Leq**
Demolition								
	Dozer	2	40%	82	65.6	61.6	69.1	65.2
	Excavator	3	40%	81	66.4	62.4	69.9	65.9
	Concrete Saw	1	20%	90	70.5	63.5	74.0	67.0
Combined LEQ						**67.4**		**70.9**
Site Preparation								
	Dozer	3	40%	82	67.4	63.4	70.9	66.9
	Tractor	4	40%	84	70.9	67.0	74.5	70.5
Combined LEQ						**68.5**		**72.1**

Grading								
	Grader	1	40%	85	65.9	61.9	69.4	65.5
	Excavator	2	40%	81	64.6	60.6	68.1	64.2
	Tractor	2	40%	84	67.9	63.9	71.4	67.5
	Scraper	2	40%	84	67.5	63.5	71.0	67.1
	Dozer	1	40%	82	62.6	58.6	66.1	62.2
Combined LEQ						**69.1**		**72.7**
Building Construction								
	Man Lift	3	20%	75	60.4	53.4	63.9	56.9
	Generator	1	50%	81	61.5	58.5	65.0	62.0
	Crane	1	16%	81	61.5	53.6	65.0	57.1
	Welder/Torch	1	40%	74	54.9	50.9	58.4	54.5
	Tractor	3	40%	84	69.7	65.7	73.2	69.2
Combined LEQ						**67.0**		**70.5**
Paving								
	Paver	2	50%	77	61.1	58.1	64.6	61.6
	Pavement Scarafier	2	20%	90	73.4	66.4	76.9	70.0
	Roller	2	20%	80	63.9	56.9	67.4	60.5
Combined LEQ						**67.4**		**71.0**
Architectural Coating								
	Compressor (air)	1	40%	78	58.6	54.6	62.1	58.2
Combined LEQ						**54.6**		**58.2**

Source for Ref. Noise Levels: RCNM, 2005

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Existing
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway			
#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Medium Trucks	Heavy Trucks	Ldn at 100 Feet	70 Ldn	65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	36,130	40	0	2.0%	1.0%	67.2	-	168	530	1,676
2	Bascom Ave	South of East Mozart Ave	6	15	36,110	40	0	2.0%	1.0%	67.3	-	169	533	1,685
3	Bascom Avenue	South of Samaritan Dr	4	10	33,820	40	0	2.0%	1.0%	66.8	-	150	475	1,504
4	Bascom Avenue	South of White Oaks Avenue	6	12	33,900	40	0	2.0%	1.0%	67.0	-	157	497	1,572
5	Bascom Avenue	North of 85 N Ramps	6	15	34,680	40	0	2.0%	1.0%	67.1	-	162	512	1,619
6	Bascom Avenue	South of 85 N Ramps	6	15	37,070	40	0	2.0%	1.0%	67.4	-	173	547	1,730
7	Bascom Avenue	South of 85 S Ramps	6	15	41,090	40	0	2.0%	1.0%	67.8	-	192	606	1,918
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	3,640	25	0	2.0%	1.0%	53.7	-	-	-	74
10	Lark Ave	West of Los Gatos Blvd	4	12	26,190	30	0	2.0%	1.0%	63.6	-	73	232	733
11	Lark Ave	East of SR 17 (E)	4	12	49,980	30	0	2.0%	1.0%	66.5	-	140	442	1,398
12	Los Gatos- Alamden Rd	East of National Ave	2	15	18,140	35	0	2.0%	1.0%	62.7	-	60	188	595
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,360	35	0	2.0%	1.0%	64.0	-	80	253	799
14	Los Gatos Blvd	North of Walker St	4	10	33,390	35	0	2.0%	1.0%	65.5	-	112	353	1,115
15	Los Gatos Blvd	South of Walker St	4	10	33,970	35	0	2.0%	1.0%	65.5	-	113	359	1,135
16	Los Gatos Blvd	North of Lark Ave	4	12	27,020	35	0	2.0%	1.0%	64.6	-	90	286	905
17	Los Gatos Blvd	South of Lark Ave	6	10	31,870	35	0	2.0%	1.0%	65.4	-	111	350	1,106
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	5,620	25	0	2.0%	1.0%	55.5	-	-	-	112
20	Samaritan Ct	South of Samaritan Dr	2	12	580	25	0	2.0%	1.0%	45.6	-	-	-	-
21	Samaritan Dr	East of National Ave	4	15	23,720	30	0	2.0%	1.0%	63.2	-	67	211	666
22	Samaritan Dr	East of Samaritan Ct	4	15	16,610	30	0	2.0%	1.0%	61.7	-	-	147	466
23	Samaritan Dr	West of Samaritan Ct	4	15	16,830	25	0	2.0%	1.0%	60.3	-	-	108	343
24	Samaritan Dr	East of Kinghurst Dr	4	15	16,360	30	0	2.0%	1.0%	61.6	-	-	145	459
25	Samaritan Dr	West of Union Ave	2	16	26,420	35	0	2.0%	1.0%	64.4	-	87	274	867
26	Samaritan Dr	East of Bascom Ave	4	10	25,660	30	0	2.0%	1.0%	63.5	-	72	226	716
27	Samaritan Dr	West of Bascom Ave	2	10	2,430	30	0	2.0%	1.0%	53.2	-	-	-	66
28	Samaritan Dr	East of Samaritan Pl	2	15	16,160	35	0	2.0%	1.0%	62.2	-	53	168	530
29	Samaritan Dr	West of Samaritan Pl	4	15	16,470	30	0	2.0%	1.0%	61.7	-	-	146	462
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	26,650	35	0	2.0%	1.0%	64.5	-	90	283	896
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	18,090	35	0	2.0%	1.0%	62.8	-	61	192	608
32	Samaritan Pl	North of Samaritan Dr	2	10	870	25	0	2.0%	1.0%	47.4	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	29,150	35	0	2.0%	1.0%	64.9	-	97	308	974
34	Union Ave	North of SR 85 (N)	4	10	38,240	35	0	2.0%	1.0%	66.1	-	128	404	1,277
35	Union Ave	South of SR 85 (N)	6	10	42,630	35	0	2.0%	1.0%	66.7	-	148	468	1,479
36	Union Ave	South of SR 85 (S)	4	10	38,190	35	0	2.0%	1.0%	66.1	-	128	403	1,276
37	Union Ave	North of Los Gatos Alamden Rd	4	10	28,670	35	0	2.0%	1.0%	64.8	-	96	303	958
38	Walker St	West of Los Gatos Blvd	2	10	1,290	25	0	2.0%	1.0%	49.1	-	-	-	-
39	White Oaks Avenue	East of Bascom Ave	2	15	6,270	30	0	2.0%	1.0%	57.4	-	-	54	172
40	White Oaks Avenue	West of Bascom Ave	2	15	5,800	30	0	2.0%	1.0%	57.0	-	-	50	159

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Existing Plus Project
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway			
				Median	ADT	Speed	Alpha	Medium	Heavy	Ldn at	Distance to Contour		
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 Ldn	65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	38,950	40	0	2.0%	1.0%	67.6	-	181	571	1,806
2	Bascom Ave	South of East Mozart Ave	6	15	38,930	40	0	2.0%	1.0%	67.6	-	182	575	1,817
3	Bascom Avenue	South of Samaritan Dr	4	10	36,830	40	0	2.0%	1.0%	67.1	52	164	518	1,637
4	Bascom Avenue	South of White Oaks Avenue	6	12	36,710	40	0	2.0%	1.0%	67.3	-	170	538	1,703
5	Bascom Avenue	North of 85 N Ramps	6	15	37,500	40	0	2.0%	1.0%	67.4	-	175	553	1,750
6	Bascom Avenue	South of 85 N Ramps	6	15	41,300	40	0	2.0%	1.0%	67.9	-	193	610	1,928
7	Bascom Avenue	South of 85 S Ramps	6	15	46,920	40	0	2.0%	1.0%	68.4	69	219	693	2,190
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	3,790	25	0	2.0%	1.0%	53.9	-	-	-	77
10	Lark Ave	West of Los Gatos Blvd	4	12	28,530	30	0	2.0%	1.0%	64.0	-	80	252	798
11	Lark Ave	East of SR 17 (E)	4	12	52,320	30	0	2.0%	1.0%	66.7	-	146	463	1,463
12	Los Gatos- Alamden Rd	East of National Ave	2	15	18,140	35	0	2.0%	1.0%	62.7	-	60	188	595
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,360	35	0	2.0%	1.0%	64.0	-	80	253	799
14	Los Gatos Blvd	North of Walker St	4	10	36,400	35	0	2.0%	1.0%	65.8	-	122	385	1,216
15	Los Gatos Blvd	South of Walker St	4	10	36,980	35	0	2.0%	1.0%	65.9	-	124	391	1,235
16	Los Gatos Blvd	North of Lark Ave	4	12	30,020	35	0	2.0%	1.0%	65.0	-	101	318	1,005
17	Los Gatos Blvd	South of Lark Ave	6	10	32,530	35	0	2.0%	1.0%	65.5	-	113	357	1,129
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	5,620	25	0	2.0%	1.0%	55.5	-	-	-	112
20	Samaritan Ct	South of Samaritan Dr	2	12	580	25	0	2.0%	1.0%	45.6	-	-	-	-
21	Samaritan Dr	East of National Ave	4	15	32,580	30	0	2.0%	1.0%	64.6	-	91	289	915
22	Samaritan Dr	East of Samaritan Ct	4	15	25,470	30	0	2.0%	1.0%	63.5	-	72	226	715
23	Samaritan Dr	West of Samaritan Ct	4	15	25,690	25	0	2.0%	1.0%	62.2	-	52	165	523
24	Samaritan Dr	East of Kinghurst Dr	4	15	25,370	30	0	2.0%	1.0%	63.5	-	71	225	712
25	Samaritan Dr	West of Union Ave	2	15	31,800	35	0	2.0%	1.0%	65.2	-	104	330	1,043
26	Samaritan Dr	East of Bascom Ave	4	10	34,510	30	0	2.0%	1.0%	64.8	-	96	304	963
27	Samaritan Dr	West of Bascom Ave	2	10	2,430	30	0	2.0%	1.0%	53.2	-	-	-	66
28	Samaritan Dr	East of Samaritan Pl	2	15	22,040	35	0	2.0%	1.0%	63.6	-	72	229	723
29	Samaritan Dr	West of Samaritan Pl	4	15	22,890	30	0	2.0%	1.0%	63.1	-	64	203	643
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	32,050	35	0	2.0%	1.0%	65.3	-	108	341	1,078
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	23,830	35	0	2.0%	1.0%	64.0	-	80	253	801
32	Samaritan Pl	North of Samaritan Dr	2	10	1,410	25	0	2.0%	1.0%	49.5	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	29,960	35	0	2.0%	1.0%	65.0	-	100	316	1,001
34	Union Ave	North of SR 85 (N)	4	10	39,210	35	0	2.0%	1.0%	66.2	-	131	414	1,310
35	Union Ave	South of SR 85 (N)	6	10	45,320	35	0	2.0%	1.0%	67.0	-	157	497	1,573
36	Union Ave	South of SR 85 (S)	4	10	39,530	35	0	2.0%	1.0%	66.2	-	132	418	1,320
37	Union Ave	North of Los Gatos Alamden Rd	4	10	30,000	35	0	2.0%	1.0%	65.0	-	100	317	1,002
38	Walker St	West of Los Gatos Blvd	2	10	1,290	25	0	2.0%	1.0%	49.1	-	-	-	-
39	White Oaks Avenue	East of Bascom Ave	2	15	6,420	30	0	2.0%	1.0%	57.5	-	-	56	176
40	White Oaks Avenue	West of Bascom Ave	2	15	5,800	30	0	2.0%	1.0%	57.0	-	-	50	159

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Opening Year
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway				
#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Medium Trucks	Heavy Trucks	Ldn at 100 Feet	70 Ldn	Distance to Contour 65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	39,730	40	0	2.0%	1.0%	67.7	-	184	583	1,843
2	Bascom Ave	South of East Mozart Ave	6	15	39,710	40	0	2.0%	1.0%	67.7	-	185	586	1,853
3	Bascom Avenue	South of Samaritan Dr	4	10	41,580	40	0	2.0%	1.0%	67.7	58	185	585	1,849
4	Bascom Avenue	South of White Oaks Avenue	6	12	37,500	40	0	2.0%	1.0%	67.4	-	174	550	1,739
5	Bascom Avenue	North of 85 N Ramps	6	15	38,300	40	0	2.0%	1.0%	67.5	-	179	565	1,788
6	Bascom Avenue	South of 85 N Ramps	6	15	44,270	40	0	2.0%	1.0%	68.2	65	207	653	2,066
7	Bascom Avenue	South of 85 S Ramps	6	15	51,770	40	0	2.0%	1.0%	68.8	76	242	764	2,416
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	5,040	25	0	2.0%	1.0%	55.1	-	-	-	102
10	Lark Ave	West of Los Gatos Blvd	4	12	31,970	30	0	2.0%	1.0%	64.5	-	89	283	894
11	Lark Ave	East of SR 17 (E)	4	12	57,380	30	0	2.0%	1.0%	67.1	51	160	507	1,605
12	Los Gatos- Alamden Rd	East of National Ave	2	15	19,700	35	0	2.0%	1.0%	63.1	-	65	204	646
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,980	35	0	2.0%	1.0%	64.1	-	82	259	820
14	Los Gatos Blvd	North of Walker St	4	10	40,450	35	0	2.0%	1.0%	66.3	-	135	427	1,351
15	Los Gatos Blvd	South of Walker St	4	10	43,550	35	0	2.0%	1.0%	66.6	-	145	460	1,455
16	Los Gatos Blvd	North of Lark Ave	4	12	37,640	35	0	2.0%	1.0%	66.0	-	126	399	1,260
17	Los Gatos Blvd	South of Lark Ave	6	10	37,070	35	0	2.0%	1.0%	66.1	-	129	407	1,287
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	6,500	25	0	2.0%	1.0%	56.1	-	-	41	129
20	Samaritan Ct	South of Samaritan Dr	2	12	4,620	25	0	2.0%	1.0%	54.6	-	-	-	92
21	Samaritan Dr	East of National Ave	4	15	31,460	30	0	2.0%	1.0%	64.5	-	88	279	883
22	Samaritan Dr	East of Samaritan Ct	4	15	22,230	30	0	2.0%	1.0%	63.0	-	62	197	624
23	Samaritan Dr	West of Samaritan Ct	4	15	24,110	25	0	2.0%	1.0%	61.9	-	-	155	491
24	Samaritan Dr	East of Kinghurst Dr	4	15	21,120	30	0	2.0%	1.0%	62.7	-	59	188	593
25	Samaritan Dr	West of Union Ave	2	15	30,760	35	0	2.0%	1.0%	65.0	-	101	319	1,009
26	Samaritan Dr	East of Bascom Ave	4	10	33,400	30	0	2.0%	1.0%	64.7	-	93	295	932
27	Samaritan Dr	West of Bascom Ave	2	10	7,630	30	0	2.0%	1.0%	58.2	-	-	66	208
28	Samaritan Dr	East of Samaritan PI	2	15	20,200	35	0	2.0%	1.0%	63.2	-	66	210	663
29	Samaritan Dr	West of Samaritan PI	4	15	20,510	30	0	2.0%	1.0%	62.6	-	58	182	576
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	30,830	35	0	2.0%	1.0%	65.2	-	104	328	1,037
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	22,110	35	0	2.0%	1.0%	63.7	-	74	235	743
32	Samaritan PI	North of Samaritan Dr	2	10	870	25	0	2.0%	1.0%	47.4	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	33,870	35	0	2.0%	1.0%	65.5	-	113	358	1,131
34	Union Ave	North of SR 85 (N)	4	10	41,480	35	0	2.0%	1.0%	66.4	-	139	438	1,386
35	Union Ave	South of SR 85 (N)	6	10	46,170	35	0	2.0%	1.0%	67.0	-	160	507	1,602
36	Union Ave	South of SR 85 (S)	4	10	39,590	35	0	2.0%	1.0%	66.2	-	132	418	1,322
37	Union Ave	North of Los Gatos Alamden Rd	4	10	29,670	35	0	2.0%	1.0%	65.0	-	99	313	991
38	Walker St	West of Los Gatos Blvd	2	10	2,550	25	0	2.0%	1.0%	52.0	-	-	-	51
39	White Oaks Avenue	East of Bascom Ave	2	15	7,010	30	0	2.0%	1.0%	57.8	-	-	61	192
40	White Oaks Avenue	West of Bascom Ave	2	15	6,540	30	0	2.0%	1.0%	57.5	-	-	57	179

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Opening Year Plus Project (Interim)
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway				
#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Medium Trucks	Heavy Trucks	Ldn at 100 Feet	70 Ldn	Distance to Contour 65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	39,790	40	0	2.0%	1.0%	67.7	-	185	584	1,845
2	Bascom Ave	South of East Mozart Ave	6	15	39,770	40	0	2.0%	1.0%	67.7	-	186	587	1,856
3	Bascom Avenue	South of Samaritan Dr	4	10	41,640	40	0	2.0%	1.0%	67.7	59	185	585	1,851
4	Bascom Avenue	South of White Oaks Avenue	6	12	37,560	40	0	2.0%	1.0%	67.4	-	174	551	1,742
5	Bascom Avenue	North of 85 N Ramps	6	15	38,360	40	0	2.0%	1.0%	67.5	-	179	566	1,790
6	Bascom Avenue	South of 85 N Ramps	6	15	44,360	40	0	2.0%	1.0%	68.2	65	207	655	2,070
7	Bascom Avenue	South of 85 S Ramps	6	15	51,880	40	0	2.0%	1.0%	68.8	77	242	766	2,421
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	5,040	25	0	2.0%	1.0%	55.1	-	-	-	102
10	Lark Ave	West of Los Gatos Blvd	4	12	30,240	30	0	2.0%	1.0%	64.3	-	85	267	846
11	Lark Ave	East of SR 17 (E)	4	12	57,430	30	0	2.0%	1.0%	67.1	51	161	508	1,606
12	Los Gatos- Alamden Rd	East of National Ave	2	15	19,700	35	0	2.0%	1.0%	63.1	-	65	204	646
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,980	35	0	2.0%	1.0%	64.1	-	82	259	820
14	Los Gatos Blvd	North of Walker St	4	10	40,510	35	0	2.0%	1.0%	66.3	-	135	428	1,353
15	Los Gatos Blvd	South of Walker St	4	10	43,610	35	0	2.0%	1.0%	66.6	-	146	461	1,457
16	Los Gatos Blvd	North of Lark Ave	4	12	35,940	35	0	2.0%	1.0%	65.8	-	120	381	1,204
17	Los Gatos Blvd	South of Lark Ave	6	10	37,060	35	0	2.0%	1.0%	66.1	-	129	407	1,286
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	6,500	25	0	2.0%	1.0%	56.1	-	-	41	129
20	Samaritan Ct	South of Samaritan Dr	2	12	4,620	25	0	2.0%	1.0%	54.6	-	-	-	92
21	Samaritan Dr	East of National Ave	4	15	31,640	30	0	2.0%	1.0%	64.5	-	89	281	888
22	Samaritan Dr	East of Samaritan Ct	4	15	22,410	30	0	2.0%	1.0%	63.0	-	63	199	629
23	Samaritan Dr	West of Samaritan Ct	4	15	24,290	25	0	2.0%	1.0%	61.9	-	-	156	495
24	Samaritan Dr	East of Kinghurst Dr	4	15	21,300	30	0	2.0%	1.0%	62.8	-	60	189	598
25	Samaritan Dr	West of Union Ave	2	15	30,860	35	0	2.0%	1.0%	65.1	-	101	320	1,012
26	Samaritan Dr	East of Bascom Ave	4	10	33,590	30	0	2.0%	1.0%	64.7	-	94	296	937
27	Samaritan Dr	West of Bascom Ave	2	10	7,630	30	0	2.0%	1.0%	58.2	-	-	66	208
28	Samaritan Dr	East of Samaritan PI	2	15	20,330	35	0	2.0%	1.0%	63.2	-	67	211	667
29	Samaritan Dr	West of Samaritan PI	4	15	20,650	30	0	2.0%	1.0%	62.6	-	58	183	580
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	30,950	35	0	2.0%	1.0%	65.2	-	104	329	1,041
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	22,240	35	0	2.0%	1.0%	63.7	-	75	236	748
32	Samaritan PI	North of Samaritan Dr	2	10	880	25	0	2.0%	1.0%	47.4	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	33,880	35	0	2.0%	1.0%	65.5	-	113	358	1,132
34	Union Ave	North of SR 85 (N)	4	10	41,500	35	0	2.0%	1.0%	66.4	-	139	438	1,386
35	Union Ave	South of SR 85 (N)	6	10	46,220	35	0	2.0%	1.0%	67.1	-	160	507	1,604
36	Union Ave	South of SR 85 (S)	4	10	39,610	35	0	2.0%	1.0%	66.2	-	132	418	1,323
37	Union Ave	North of Los Gatos Alamden Rd	4	10	29,690	35	0	2.0%	1.0%	65.0	-	99	314	992
38	Walker St	West of Los Gatos Blvd	2	10	2,550	25	0	2.0%	1.0%	52.0	-	-	-	51
39	White Oaks Avenue	East of Bascom Ave	2	15	7,010	30	0	2.0%	1.0%	57.8	-	-	61	192
40	White Oaks Avenue	West of Bascom Ave	2	15	6,540	30	0	2.0%	1.0%	57.5	-	-	57	179

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Opening Year Plus Project
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway				
#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Medium Trucks	Heavy Trucks	Ldn at 100 Feet	70 Ldn	Distance to Contour 65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	42,550	40	0	2.0%	1.0%	68.0	62	197	624	1,973
2	Bascom Ave	South of East Mozart Ave	6	15	42,530	40	0	2.0%	1.0%	68.0	-	199	628	1,985
3	Bascom Avenue	South of Samaritan Dr	4	10	44,590	40	0	2.0%	1.0%	68.0	63	198	627	1,982
4	Bascom Avenue	South of White Oaks Avenue	6	12	40,310	40	0	2.0%	1.0%	67.7	-	187	591	1,869
5	Bascom Avenue	North of 85 N Ramps	6	15	41,120	40	0	2.0%	1.0%	67.8	-	192	607	1,919
6	Bascom Avenue	South of 85 N Ramps	6	15	48,500	40	0	2.0%	1.0%	68.5	72	226	716	2,264
7	Bascom Avenue	South of 85 S Ramps	6	15	57,600	40	0	2.0%	1.0%	69.3	85	269	850	2,688
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	5,190	25	0	2.0%	1.0%	55.2	-	-	-	105
10	Lark Ave	West of Los Gatos Blvd	4	12	31,450	30	0	2.0%	1.0%	64.4	-	88	278	880
11	Lark Ave	East of SR 17 (E)	4	12	59,720	30	0	2.0%	1.0%	67.2	53	167	528	1,670
12	Los Gatos- Alamden Rd	East of National Ave	2	15	19,700	35	0	2.0%	1.0%	63.1	-	65	204	646
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,980	35	0	2.0%	1.0%	64.1	-	82	259	820
14	Los Gatos Blvd	North of Walker St	4	10	43,460	35	0	2.0%	1.0%	66.6	-	145	459	1,452
15	Los Gatos Blvd	South of Walker St	4	10	46,560	35	0	2.0%	1.0%	66.9	49	156	492	1,555
16	Los Gatos Blvd	North of Lark Ave	4	12	37,800	35	0	2.0%	1.0%	66.0	-	127	400	1,266
17	Los Gatos Blvd	South of Lark Ave	6	10	37,710	35	0	2.0%	1.0%	66.2	-	131	414	1,309
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	6,500	25	0	2.0%	1.0%	56.1	-	-	41	129
20	Samaritan Ct	South of Samaritan Dr	2	12	4,620	25	0	2.0%	1.0%	54.6	-	-	-	92
21	Samaritan Dr	East of National Ave	4	15	40,320	30	0	2.0%	1.0%	65.5	-	113	358	1,132
22	Samaritan Dr	East of Samaritan Ct	4	15	31,090	30	0	2.0%	1.0%	64.4	-	87	276	873
23	Samaritan Dr	West of Samaritan Ct	4	15	32,970	25	0	2.0%	1.0%	63.3	-	67	212	671
24	Samaritan Dr	East of Kinghurst Dr	4	15	30,130	30	0	2.0%	1.0%	64.3	-	85	268	846
25	Samaritan Dr	West of Union Ave	2	15	36,140	35	0	2.0%	1.0%	65.7	-	119	375	1,186
26	Samaritan Dr	East of Bascom Ave	4	10	42,250	30	0	2.0%	1.0%	65.7	-	118	373	1,179
27	Samaritan Dr	West of Bascom Ave	2	10	7,630	30	0	2.0%	1.0%	58.2	-	-	66	208
28	Samaritan Dr	East of Samaritan PI	2	15	26,080	35	0	2.0%	1.0%	64.3	-	86	271	856
29	Samaritan Dr	West of Samaritan PI	4	15	26,930	30	0	2.0%	1.0%	63.8	-	76	239	756
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	36,230	35	0	2.0%	1.0%	65.9	-	122	385	1,218
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	27,850	35	0	2.0%	1.0%	64.7	-	94	296	936
32	Samaritan PI	North of Samaritan Dr	2	10	1,410	25	0	2.0%	1.0%	49.5	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	34,680	35	0	2.0%	1.0%	65.6	-	116	366	1,158
34	Union Ave	North of SR 85 (N)	4	10	42,450	35	0	2.0%	1.0%	66.5	-	142	448	1,418
35	Union Ave	South of SR 85 (N)	6	10	48,860	35	0	2.0%	1.0%	67.3	-	170	536	1,696
36	Union Ave	South of SR 85 (S)	4	10	40,930	35	0	2.0%	1.0%	66.4	-	137	432	1,367
37	Union Ave	North of Los Gatos Alamden Rd	4	10	31,000	35	0	2.0%	1.0%	65.2	-	104	327	1,036
38	Walker St	West of Los Gatos Blvd	2	10	2,550	25	0	2.0%	1.0%	52.0	-	-	-	51
39	White Oaks Avenue	East of Bascom Ave	2	15	7,160	30	0	2.0%	1.0%	57.9	-	-	62	196
40	White Oaks Avenue	West of Bascom Ave	2	15	6,540	30	0	2.0%	1.0%	57.5	-	-	57	179

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Horizon Year
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway			
				Median	ADT	Speed	Alpha	Medium	Heavy	Ldn at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 Ldn	65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	39,730	40	0	2.0%	1.0%	67.7	-	184	583	1,843
2	Bascom Ave	South of East Mozart Ave	6	15	39,710	40	0	2.0%	1.0%	67.7	-	185	586	1,853
3	Bascom Avenue	South of Samaritan Dr	4	10	43,030	40	0	2.0%	1.0%	67.8	60	191	605	1,913
4	Bascom Avenue	South of White Oaks Avenue	6	12	38,950	40	0	2.0%	1.0%	67.6	-	181	571	1,806
5	Bascom Avenue	North of 85 N Ramps	6	15	39,750	40	0	2.0%	1.0%	67.7	-	186	587	1,855
6	Bascom Avenue	South of 85 N Ramps	6	15	45,720	40	0	2.0%	1.0%	68.3	67	213	675	2,134
7	Bascom Avenue	South of 85 S Ramps	6	15	53,220	40	0	2.0%	1.0%	69.0	79	248	786	2,484
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	5,040	25	0	2.0%	1.0%	55.1	-	-	-	102
10	Lark Ave	West of Los Gatos Blvd	4	12	32,140	30	0	2.0%	1.0%	64.5	-	90	284	899
11	Lark Ave	East of SR 17 (E)	4	12	57,410	30	0	2.0%	1.0%	67.1	51	161	508	1,606
12	Los Gatos- Alamden Rd	East of National Ave	2	15	20,290	35	0	2.0%	1.0%	63.2	-	67	211	666
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,980	35	0	2.0%	1.0%	64.1	-	82	259	820
14	Los Gatos Blvd	North of Walker St	4	10	40,450	35	0	2.0%	1.0%	66.3	-	135	427	1,351
15	Los Gatos Blvd	South of Walker St	4	10	43,550	35	0	2.0%	1.0%	66.6	-	145	460	1,455
16	Los Gatos Blvd	North of Lark Ave	4	12	39,090	35	0	2.0%	1.0%	66.2	-	131	414	1,309
17	Los Gatos Blvd	South of Lark Ave	6	10	38,690	35	0	2.0%	1.0%	66.3	-	134	425	1,343
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	6,500	25	0	2.0%	1.0%	56.1	-	-	41	129
20	Samaritan Ct	South of Samaritan Dr	2	12	4,620	25	0	2.0%	1.0%	54.6	-	-	-	92
21	Samaritan Dr	East of National Ave	4	15	31,460	30	0	2.0%	1.0%	64.5	-	88	279	883
22	Samaritan Dr	East of Samaritan Ct	4	15	22,230	30	0	2.0%	1.0%	63.0	-	62	197	624
23	Samaritan Dr	West of Samaritan Ct	4	15	24,110	25	0	2.0%	1.0%	61.9	-	-	155	491
24	Samaritan Dr	East of Kinghurst Dr	4	15	21,120	30	0	2.0%	1.0%	62.7	-	59	188	593
25	Samaritan Dr	West of Union Ave	2	15	30,760	35	0	2.0%	1.0%	65.0	-	101	319	1,009
26	Samaritan Dr	East of Bascom Ave	4	10	33,400	30	0	2.0%	1.0%	64.7	-	93	295	932
27	Samaritan Dr	West of Bascom Ave	2	10	7,630	30	0	2.0%	1.0%	58.2	-	-	66	208
28	Samaritan Dr	East of Samaritan Pl	2	15	20,200	35	0	2.0%	1.0%	63.2	-	66	210	663
29	Samaritan Dr	West of Samaritan Pl	4	15	20,510	30	0	2.0%	1.0%	62.6	-	58	182	576
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	30,830	35	0	2.0%	1.0%	65.2	-	104	328	1,037
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	22,110	35	0	2.0%	1.0%	63.7	-	74	235	743
32	Samaritan Pl	North of Samaritan Dr	2	10	870	25	0	2.0%	1.0%	47.4	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	33,870	35	0	2.0%	1.0%	65.5	-	113	358	1,131
34	Union Ave	North of SR 85 (N)	4	10	41,480	35	0	2.0%	1.0%	66.4	-	139	438	1,386
35	Union Ave	South of SR 85 (N)	6	10	46,170	35	0	2.0%	1.0%	67.0	-	160	507	1,602
36	Union Ave	South of SR 85 (S)	4	10	39,590	35	0	2.0%	1.0%	66.2	-	132	418	1,322
37	Union Ave	North of Los Gatos Alamden Rd	4	10	29,670	35	0	2.0%	1.0%	65.0	-	99	313	991
38	Walker St	West of Los Gatos Blvd	2	10	2,550	25	0	2.0%	1.0%	52.0	-	-	-	51
39	White Oaks Avenue	East of Bascom Ave	2	15	7,010	30	0	2.0%	1.0%	57.8	-	-	61	192
40	White Oaks Avenue	West of Bascom Ave	2	15	6,540	30	0	2.0%	1.0%	57.5	-	-	57	179

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Good Samaritan Hospital San Jose
Project Number:
Scenario: Horizon Year Plus Project
Ldn/CNEL: Ldn

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

								Vehicle Mix		Distance from Centerline of Roadway				
#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Medium Trucks	Heavy Trucks	Ldn at 100 Feet	70 Ldn	Distance to Contour 65 Ldn	60 Ldn	55 Ldn
1	Bascom Ave	North of East Mozart Ave	6	12	42,550	40	0	2.0%	1.0%	68.0	62	197	624	1,973
2	Bascom Ave	South of East Mozart Ave	6	15	42,530	40	0	2.0%	1.0%	68.0	-	199	628	1,985
3	Bascom Avenue	South of Samaritan Dr	4	10	46,040	40	0	2.0%	1.0%	68.1	65	205	647	2,047
4	Bascom Avenue	South of White Oaks Avenue	6	12	41,760	40	0	2.0%	1.0%	67.9	-	194	612	1,937
5	Bascom Avenue	North of 85 N Ramps	6	15	42,570	40	0	2.0%	1.0%	68.0	-	199	628	1,987
6	Bascom Avenue	South of 85 N Ramps	6	15	49,950	40	0	2.0%	1.0%	68.7	74	233	737	2,331
7	Bascom Avenue	South of 85 S Ramps	6	15	59,050	40	0	2.0%	1.0%	69.4	87	276	872	2,756
8	East Mozart Ave	West of Bascom Ave	2	10	800	25	0	2.0%	1.0%	47.0	-	-	-	-
9	Kinghurst Dr	South of Samaritan Dr	4	12	5,190	25	0	2.0%	1.0%	55.2	-	-	-	105
10	Lark Ave	West of Los Gatos Blvd	4	12	31,520	30	0	2.0%	1.0%	64.5	-	88	279	882
11	Lark Ave	East of SR 17 (E)	4	12	59,750	30	0	2.0%	1.0%	67.2	53	167	528	1,671
12	Los Gatos- Alamden Rd	East of National Ave	2	15	20,290	35	0	2.0%	1.0%	63.2	-	67	211	666
13	Los Gatos Almaden Rd	West of Union Ave	2	15	24,980	35	0	2.0%	1.0%	64.1	-	82	259	820
14	Los Gatos Blvd	North of Walker St	4	10	43,460	35	0	2.0%	1.0%	66.6	-	145	459	1,452
15	Los Gatos Blvd	South of Walker St	4	10	46,560	35	0	2.0%	1.0%	66.9	49	156	492	1,555
16	Los Gatos Blvd	North of Lark Ave	4	12	39,250	35	0	2.0%	1.0%	66.2	-	131	416	1,314
17	Los Gatos Blvd	South of Lark Ave	6	10	39,230	35	0	2.0%	1.0%	66.3	-	136	431	1,361
18	National Avenue	South of Samaritan Dr	2	15	6,400	25	0	2.0%	1.0%	56.0	-	-	40	127
19	National Avenue	North of Los Gatos-Almaden Rd	2	15	6,500	25	0	2.0%	1.0%	56.1	-	-	41	129
20	Samaritan Ct	South of Samaritan Dr	2	12	4,620	25	0	2.0%	1.0%	54.6	-	-	-	92
21	Samaritan Dr	East of National Ave	4	15	40,320	30	0	2.0%	1.0%	65.5	-	113	358	1,132
22	Samaritan Dr	East of Samaritan Ct	4	15	31,090	30	0	2.0%	1.0%	64.4	-	87	276	873
23	Samaritan Dr	West of Samaritan Ct	4	15	32,970	25	0	2.0%	1.0%	63.3	-	67	212	671
24	Samaritan Dr	East of Kinghurst Dr	4	15	30,130	30	0	2.0%	1.0%	64.3	-	85	268	846
25	Samaritan Dr	West of Union Ave	2	15	36,140	35	0	2.0%	1.0%	65.7	-	119	375	1,186
26	Samaritan Dr	East of Bascom Ave	4	10	42,250	30	0	2.0%	1.0%	65.7	-	118	373	1,179
27	Samaritan Dr	West of Bascom Ave	2	10	7,630	30	0	2.0%	1.0%	58.2	-	-	66	208
28	Samaritan Dr	East of Samaritan Pl	2	15	26,080	35	0	2.0%	1.0%	64.3	-	86	271	856
29	Samaritan Dr	West of Samaritan Pl	4	15	26,930	30	0	2.0%	1.0%	63.8	-	76	239	756
30	Samaritan Dr	East of SR 85 Southbound Off Ramp	4	15	36,230	35	0	2.0%	1.0%	65.9	-	122	385	1,218
31	Samaritan Dr	West of SR 85 Southbound Off Ramp	4	15	27,850	35	0	2.0%	1.0%	64.7	-	94	296	936
32	Samaritan Pl	North of Samaritan Dr	2	10	1,410	25	0	2.0%	1.0%	49.5	-	-	-	-
33	Union Ave	South of Camden Ave	4	10	34,680	35	0	2.0%	1.0%	65.6	-	116	366	1,158
34	Union Ave	North of SR 85 (N)	4	10	42,450	35	0	2.0%	1.0%	66.5	-	142	448	1,418
35	Union Ave	South of SR 85 (N)	6	10	48,860	35	0	2.0%	1.0%	67.3	-	170	536	1,696
36	Union Ave	South of SR 85 (S)	4	10	40,930	35	0	2.0%	1.0%	66.4	-	137	432	1,367
37	Union Ave	North of Los Gatos Alamden Rd	4	10	31,000	35	0	2.0%	1.0%	65.2	-	104	327	1,036
38	Walker St	West of Los Gatos Blvd	2	10	2,550	25	0	2.0%	1.0%	52.0	-	-	-	51
39	White Oaks Avenue	East of Bascom Ave	2	15	7,160	30	0	2.0%	1.0%	57.9	-	-	62	196
40	White Oaks Avenue	West of Bascom Ave	2	15	6,540	30	0	2.0%	1.0%	57.5	-	-	57	179

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.


Good Sam Receiver Map
Signs and symbols
Receiver
Receiver at building
1 : 4114
0 20 40 80 120 160
m
Ashbrook Cir
Cranford Cir
Cranford Cir
Halkins Dr
White Oaks Ave
85
85
Samaritan Dr
National Ave
Samaritan Dr
Belle Ave
Samaritan D
Lost Oaks Dr
Kinghurst Dr
Venn Ave
Venndale Ave
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Receiver list - Buildout

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
1	Campbell 1	-	1.Fl	-	-	-	-	38.8	38.6	44.6	0.0	-	-	-	-
2	Elderly Care Home	North w	1.Fl	-	-	-	-	49.1	48.9	54.9	0.0	-	-	-	-
			2.Fl	-	-	-	-	48.4	48.2	54.2	0.0	-	-	-	-
			3.Fl	-	-	-	-	46.6	46.1	52.2	0.0	-	-	-	-
			4.Fl	-	-	-	-	46.4	45.8	51.9	0.0	-	-	-	-
			5.Fl	-	-	-	-	45.9	45.0	51.2	0.0	-	-	-	-
			6.Fl	-	-	-	-	48.9	48.3	54.4	0.0	-	-	-	-
			7.Fl	-	-	-	-	48.1	47.4	53.6	0.0	-	-	-	-
3	Los Gatos 1	-	1.Fl	-	-	-	-	35.4	34.4	40.6	0.0	-	-	-	-
4	Los Gatos 2	-	1.Fl	-	-	-	-	36.1	34.6	40.9	0.0	-	-	-	-
5	Los Gatos 3	-	1.Fl	-	-	-	-	31.5	31.1	37.2	0.0	-	-	-	-
6	Los Gatos 4	-	1.Fl	-	-	-	-	31.9	31.4	37.5	0.0	-	-	-	-
7	Los Gatos 5	-	1.Fl	-	-	-	-	34.7	34.0	40.2	0.0	-	-	-	-
8	Los Gatos 6	-	1.Fl	-	-	-	-	35.6	35.1	41.2	0.0	-	-	-	-
9	Los Gatos 7	-	1.Fl	-	-	-	-	36.1	35.2	41.4	0.0	-	-	-	-
10	San Jose 1	-	1.Fl	-	-	-	-	58.0	57.9	64.0	0.0	-	-	-	-
			2.Fl	-	-	-	-	57.2	57.1	63.1	0.0	-	-	-	-
11	San Jose 2	-	1.Fl	-	-	-	-	54.6	54.5	60.5	0.0	-	-	-	-
			2.Fl	-	-	-	-	53.6	53.4	59.5	0.0	-	-	-	-
12	San Jose 3	-	1.Fl	-	-	-	-	56.6	56.5	62.5	0.0	-	-	-	-
			2.Fl	-	-	-	-	55.5	55.4	61.4	0.0	-	-	-	-
13	San Jose 4	-	1.Fl	-	-	-	-	51.3	51.0	57.0	0.0	-	-	-	-
			2.Fl	-	-	-	-	50.7	50.3	56.4	0.0	-	-	-	-
14	San Jose 5	-	1.Fl	-	-	-	-	51.1	50.8	56.9	0.0	-	-	-	-
			2.Fl	-	-	-	-	50.1	49.7	55.8	0.0	-	-	-	-
15	San Jose 6	-	1.Fl	-	-	-	-	47.0	46.7	52.8	0.0	-	-	-	-
			2.Fl	-	-	-	-	45.1	44.6	50.8	0.0	-	-	-	-
16	San Jose 7	-	1.Fl	-	-	-	-	45.5	45.0	51.1	0.0	-	-	-	-
			2.Fl	-	-	-	-	45.0	44.5	50.6	0.0	-	-	-	-
17	San Jose 8	-	1.Fl	-	-	-	-	45.0	44.6	50.7	0.0	-	-	-	-
			2.Fl	-	-	-	-	44.4	44.0	50.1	0.0	-	-	-	-
18	San Jose 9	-	1.Fl	-	-	-	-	44.8	44.4	50.5	0.0	-	-	-	-
			2.Fl	-	-	-	-	44.6	44.3	50.4	0.0	-	-	-	-
19	San Jose 10	-	1.Fl	-	-	-	-	41.8	41.6	47.7	0.0	-	-	-	-
20	San Jose 11	-	1.Fl	-	-	-	-	43.4	43.3	49.3	0.0	-	-	-	-
21	San Jose 12	-	1.Fl	-	-	-	-	42.7	42.3	48.4	0.0	-	-	-	-
22	San Jose 13	-	1.Fl	-	-	-	-	43.7	43.2	49.3	0.0	-	-	-	-
23	San Jose 14	-	1.Fl	-	-	-	-	44.0	43.6	49.7	0.0	-	-	-	-
24	San Jose 15	-	1.Fl	-	-	-	-	43.1	42.8	48.9	0.0	-	-	-	-
25	San Jose 16	-	1.Fl	-	-	-	-	44.5	44.2	50.3	0.0	-	-	-	-
26	San Jose 17	-	1.Fl	-	-	-	-	44.5	44.3	50.3	0.0	-	-	-	-
27	San Jose 18	-	1.Fl	-	-	-	-	44.6	44.3	50.4	0.0	-	-	-	-
28	San Jose 19	-	1.Fl	-	-	-	-	44.4	43.9	50.0	0.0	-	-	-	-
29	San Jose 20	-	1.Fl	-	-	-	-	44.2	43.2	49.4	0.0	-	-	-	-
30	San Jose 21	-	1.Fl	-	-	-	-	44.9	43.9	50.1	0.0	-	-	-	-
31	San Jose 22	-	1.Fl	-	-	-	-	44.4	43.5	49.6	0.0	-	-	-	-
32	San Jose 23	-	1.Fl	-	-	-	-	43.3	42.4	48.6	0.0	-	-	-	-
33	San Jose 24	-	1.Fl	-	-	-	-	42.6	41.3	47.6	0.0	-	-	-	-
34	San Jose 25	-	1.Fl	-	-	-	-	44.7	43.5	49.8	0.0	-	-	-	-
35	San Jose 26	-	1.Fl	-	-	-	-	43.3	42.0	48.3	0.0	-	-	-	-
36	San Jose 27	-	1.Fl	-	-	-	-	44.9	43.8	50.0	0.0	-	-	-	-
37	San Jose 28	-	1.Fl	-	-	-	-	45.2	44.0	50.2	0.0	-	-	-	-
38	San Jose 29	-	1.Fl	-	-	-	-	43.7	42.7	48.9	0.0	-	-	-	-
39	San Jose 30	-	1.Fl	-	-	-	-	43.3	41.8	48.1	0.0	-	-	-	-
40	San Jose 31	-	1.Fl	-	-	-	-	46.6	45.7	51.9	0.0	-	-	-	-
41	San Jose 32	-	1.Fl	-	-	-	-	42.3	40.3	46.7	0.0	-	-	-	-
			2.Fl	-	-	-	-	43.0	40.7	47.2	0.0	-	-	-	-
42	San Jose 33	-	1.Fl	-	-	-	-	42.2	40.6	47.0	0.0	-	-	-	-
43	San Jose 34	-	1.Fl	-	-	-	-	41.4	40.1	46.4	0.0	-	-	-	-
44	San Jose 35	-	1.Fl	-	-	-	-	43.0	41.8	48.0	0.0	-	-	-	-
45	San Jose 36	-	1.Fl	-	-	-	-	53.2	53.1	59.2	0.0	-	-	-	-
46	San Jose 37	-	1.Fl	-	-	-	-	52.6	52.6	58.6	0.0	-	-	-	-
47	San Jose 38	-	1.Fl	-	-	-	-	54.0	54.0	60.0	0.0	-	-	-	-
			2.Fl	-	-	-	-	57.5	57.5	63.5	0.0	-	-	-	-
48	San Jose 39	-	1.Fl	-	-	-	-	54.4	54.4	60.4	0.0	-	-	-	-

Receiver list

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
49	San Jose 40	-	1.Fl	-	-	-	-	53.5	53.4	59.4	0.0	-	-	-	-
			2.Fl	-	-	-	-	60.5	60.5	66.5	0.0	-	-	-	-
50	San Jose 41	-	1.Fl	-	-	-	-	51.9	51.8	57.8	0.0	-	-	-	-
51	San Jose 42	-	1.Fl	-	-	-	-	52.1	52.0	58.0	0.0	-	-	-	-
			2.Fl	-	-	-	-	58.3	58.3	64.3	0.0	-	-	-	-
52	San Jose 43	-	1.Fl	-	-	-	-	51.3	51.3	57.3	0.0	-	-	-	-
53	San Jose 44	-	1.Fl	-	-	-	-	48.2	48.2	54.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	56.9	56.9	62.9	0.0	-	-	-	-
54	San Jose 45	-	1.Fl	-	-	-	-	41.7	41.5	47.6	0.0	-	-	-	-
			2.Fl	-	-	-	-	49.1	48.9	54.9	0.0	-	-	-	-
55	San Jose 46	-	1.Fl	-	-	-	-	41.5	41.2	47.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	48.3	48.1	54.2	0.0	-	-	-	-

Receiver list - Operation Phase 1 & Construction Phase 2

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
1	Campbell 1	-	1.Fl	-	-	-	-	47.4	41.1	49.0	0.0	-	-	-	-
2	Elderly Care Home	North w	1.Fl	-	-	-	-	69.9	48.8	68.3	0.0	-	-	-	-
			2.Fl	-	-	-	-	69.8	48.1	68.2	0.0	-	-	-	-
			3.Fl	-	-	-	-	69.3	46.0	67.7	0.0	-	-	-	-
			4.Fl	-	-	-	-	68.9	45.9	67.2	0.0	-	-	-	-
			5.Fl	-	-	-	-	68.8	45.5	67.1	0.0	-	-	-	-
			6.Fl	-	-	-	-	68.8	48.4	67.2	0.0	-	-	-	-
			7.Fl	-	-	-	-	68.8	47.3	67.1	0.0	-	-	-	-
3	Los Gatos 1	-	1.Fl	-	-	-	-	52.2	35.5	50.9	0.0	-	-	-	-
4	Los Gatos 2	-	1.Fl	-	-	-	-	52.7	36.2	51.4	0.0	-	-	-	-
5	Los Gatos 3	-	1.Fl	-	-	-	-	42.8	31.0	42.3	0.0	-	-	-	-
6	Los Gatos 4	-	1.Fl	-	-	-	-	43.4	31.3	42.8	0.0	-	-	-	-
7	Los Gatos 5	-	1.Fl	-	-	-	-	54.8	33.9	53.2	0.0	-	-	-	-
8	Los Gatos 6	-	1.Fl	-	-	-	-	54.0	33.7	52.4	0.0	-	-	-	-
9	Los Gatos 7	-	1.Fl	-	-	-	-	54.7	35.4	53.2	0.0	-	-	-	-
10	San Jose 1	-	1.Fl	-	-	-	-	63.0	58.2	65.5	0.0	-	-	-	-
			2.Fl	-	-	-	-	62.8	57.5	65.0	0.0	-	-	-	-
11	San Jose 2	-	1.Fl	-	-	-	-	63.9	55.1	64.3	0.0	-	-	-	-
			2.Fl	-	-	-	-	63.9	54.4	64.1	0.0	-	-	-	-
12	San Jose 3	-	1.Fl	-	-	-	-	65.8	56.7	66.1	0.0	-	-	-	-
			2.Fl	-	-	-	-	65.7	55.7	65.7	0.0	-	-	-	-
13	San Jose 4	-	1.Fl	-	-	-	-	65.5	51.2	64.5	0.0	-	-	-	-
			2.Fl	-	-	-	-	65.5	50.7	64.4	0.0	-	-	-	-
14	San Jose 5	-	1.Fl	-	-	-	-	66.3	51.1	65.1	0.0	-	-	-	-
			2.Fl	-	-	-	-	66.2	50.2	64.9	0.0	-	-	-	-
15	San Jose 6	-	1.Fl	-	-	-	-	66.2	46.9	64.7	0.0	-	-	-	-
			2.Fl	-	-	-	-	63.7	45.0	62.2	0.0	-	-	-	-
16	San Jose 7	-	1.Fl	-	-	-	-	64.4	45.7	62.9	0.0	-	-	-	-
			2.Fl	-	-	-	-	63.6	45.2	62.1	0.0	-	-	-	-
17	San Jose 8	-	1.Fl	-	-	-	-	60.1	44.9	58.9	0.0	-	-	-	-
			2.Fl	-	-	-	-	57.5	44.4	56.7	0.0	-	-	-	-
18	San Jose 9	-	1.Fl	-	-	-	-	59.9	44.7	58.8	0.0	-	-	-	-
			2.Fl	-	-	-	-	56.5	44.5	55.9	0.0	-	-	-	-
19	San Jose 10	-	1.Fl	-	-	-	-	66.2	41.2	64.5	0.0	-	-	-	-
20	San Jose 11	-	1.Fl	-	-	-	-	67.8	42.3	66.1	0.0	-	-	-	-
21	San Jose 12	-	1.Fl	-	-	-	-	68.1	41.4	66.4	0.0	-	-	-	-
22	San Jose 13	-	1.Fl	-	-	-	-	66.7	42.7	65.0	0.0	-	-	-	-
23	San Jose 14	-	1.Fl	-	-	-	-	61.9	42.7	60.4	0.0	-	-	-	-
24	San Jose 15	-	1.Fl	-	-	-	-	60.3	41.8	58.9	0.0	-	-	-	-
25	San Jose 16	-	1.Fl	-	-	-	-	60.5	43.5	59.2	0.0	-	-	-	-
26	San Jose 17	-	1.Fl	-	-	-	-	62.9	43.6	61.4	0.0	-	-	-	-
27	San Jose 18	-	1.Fl	-	-	-	-	65.7	44.3	64.1	0.0	-	-	-	-
28	San Jose 19	-	1.Fl	-	-	-	-	67.0	45.1	65.4	0.0	-	-	-	-
29	San Jose 20	-	1.Fl	-	-	-	-	70.5	42.9	68.8	0.0	-	-	-	-
30	San Jose 21	-	1.Fl	-	-	-	-	71.2	45.1	69.5	0.0	-	-	-	-
31	San Jose 22	-	1.Fl	-	-	-	-	70.8	45.4	69.1	0.0	-	-	-	-
32	San Jose 23	-	1.Fl	-	-	-	-	68.0	44.3	66.4	0.0	-	-	-	-
33	San Jose 24	-	1.Fl	-	-	-	-	66.2	41.4	64.5	0.0	-	-	-	-
34	San Jose 25	-	1.Fl	-	-	-	-	69.4	42.4	67.7	0.0	-	-	-	-
35	San Jose 26	-	1.Fl	-	-	-	-	68.0	40.5	66.2	0.0	-	-	-	-
36	San Jose 27	-	1.Fl	-	-	-	-	67.6	41.8	65.9	0.0	-	-	-	-
37	San Jose 28	-	1.Fl	-	-	-	-	70.0	42.7	68.3	0.0	-	-	-	-
38	San Jose 29	-	1.Fl	-	-	-	-	66.2	41.4	64.5	0.0	-	-	-	-
39	San Jose 30	-	1.Fl	-	-	-	-	65.4	41.2	63.8	0.0	-	-	-	-
40	San Jose 31	-	1.Fl	-	-	-	-	67.9	45.5	66.3	0.0	-	-	-	-
41	San Jose 32	-	1.Fl	-	-	-	-	65.1	40.1	63.4	0.0	-	-	-	-
			2.Fl	-	-	-	-	68.3	41.1	66.6	0.0	-	-	-	-
42	San Jose 33	-	1.Fl	-	-	-	-	66.2	40.8	64.5	0.0	-	-	-	-
43	San Jose 34	-	1.Fl	-	-	-	-	63.0	40.8	61.4	0.0	-	-	-	-
44	San Jose 35	-	1.Fl	-	-	-	-	62.3	41.7	60.7	0.0	-	-	-	-
45	San Jose 36	-	1.Fl	-	-	-	-	56.9	54.7	61.2	0.0	-	-	-	-
46	San Jose 37	-	1.Fl	-	-	-	-	57.3	55.1	61.5	0.0	-	-	-	-
47	San Jose 38	-	1.Fl	-	-	-	-	58.1	56.1	62.5	0.0	-	-	-	-
			2.Fl	-	-	-	-	63.5	61.8	68.2	0.0	-	-	-	-
48	San Jose 39	-	1.Fl	-	-	-	-	57.9	55.5	62.0	0.0	-	-	-	-

Receiver list

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
49	San Jose 40	-	1.Fl	-	-	-	-	57.4	54.1	60.8	0.0	-	-	-	-
			2.Fl	-	-	-	-	63.5	60.9	67.5	0.0	-	-	-	-
50	San Jose 41	-	1.Fl	-	-	-	-	56.7	51.9	59.2	0.0	-	-	-	-
51	San Jose 42	-	1.Fl	-	-	-	-	56.8	52.0	59.3	0.0	-	-	-	-
			2.Fl	-	-	-	-	62.4	58.4	65.4	0.0	-	-	-	-
52	San Jose 43	-	1.Fl	-	-	-	-	55.3	51.3	58.3	0.0	-	-	-	-
53	San Jose 44	-	1.Fl	-	-	-	-	52.7	48.3	55.4	0.0	-	-	-	-
			2.Fl	-	-	-	-	59.8	56.8	63.5	0.0	-	-	-	-
54	San Jose 45	-	1.Fl	-	-	-	-	45.8	42.2	49.1	0.0	-	-	-	-
			2.Fl	-	-	-	-	50.6	49.2	55.5	0.0	-	-	-	-
55	San Jose 46	-	1.Fl	-	-	-	-	47.5	41.3	49.1	0.0	-	-	-	-
			2.Fl	-	-	-	-	52.0	48.0	55.0	0.0	-	-	-	-

Receiver list - Operation Phase 1 & 2 & Construction Phase 3

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
1	Campbell 1	-	1.Fl	-	-	-	-	54.8	41.0	53.9	0.0	-	-	-	-
2	Elderly Care Home	North w	1.Fl	-	-	-	-	78.4	48.9	76.6	0.0	-	-	-	-
			2.Fl	-	-	-	-	78.3	48.2	76.6	0.0	-	-	-	-
			3.Fl	-	-	-	-	78.0	46.2	76.3	0.0	-	-	-	-
			4.Fl	-	-	-	-	77.7	46.2	76.0	0.0	-	-	-	-
			5.Fl	-	-	-	-	77.6	45.9	75.9	0.0	-	-	-	-
			6.Fl	-	-	-	-	77.5	48.7	75.8	0.0	-	-	-	-
			7.Fl	-	-	-	-	77.4	47.7	75.7	0.0	-	-	-	-
3	Los Gatos 1	-	1.Fl	-	-	-	-	56.2	35.3	54.6	0.0	-	-	-	-
4	Los Gatos 2	-	1.Fl	-	-	-	-	56.8	36.2	55.2	0.0	-	-	-	-
5	Los Gatos 3	-	1.Fl	-	-	-	-	49.3	31.1	47.8	0.0	-	-	-	-
6	Los Gatos 4	-	1.Fl	-	-	-	-	49.2	31.5	47.7	0.0	-	-	-	-
7	Los Gatos 5	-	1.Fl	-	-	-	-	57.4	34.2	55.8	0.0	-	-	-	-
8	Los Gatos 6	-	1.Fl	-	-	-	-	57.2	34.0	55.5	0.0	-	-	-	-
9	Los Gatos 7	-	1.Fl	-	-	-	-	57.9	35.7	56.3	0.0	-	-	-	-
10	San Jose 1	-	1.Fl	-	-	-	-	72.2	58.3	71.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	72.0	57.7	71.0	0.0	-	-	-	-
11	San Jose 2	-	1.Fl	-	-	-	-	73.2	55.0	71.8	0.0	-	-	-	-
			2.Fl	-	-	-	-	73.2	54.4	71.7	0.0	-	-	-	-
12	San Jose 3	-	1.Fl	-	-	-	-	74.8	56.7	73.3	0.0	-	-	-	-
			2.Fl	-	-	-	-	74.7	55.8	73.2	0.0	-	-	-	-
13	San Jose 4	-	1.Fl	-	-	-	-	75.4	51.3	73.7	0.0	-	-	-	-
			2.Fl	-	-	-	-	75.3	50.8	73.7	0.0	-	-	-	-
14	San Jose 5	-	1.Fl	-	-	-	-	75.9	51.1	74.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	75.9	50.2	74.1	0.0	-	-	-	-
15	San Jose 6	-	1.Fl	-	-	-	-	73.4	47.0	71.7	0.0	-	-	-	-
			2.Fl	-	-	-	-	71.0	45.1	69.3	0.0	-	-	-	-
16	San Jose 7	-	1.Fl	-	-	-	-	70.3	45.6	68.6	0.0	-	-	-	-
			2.Fl	-	-	-	-	69.1	45.2	67.4	0.0	-	-	-	-
17	San Jose 8	-	1.Fl	-	-	-	-	66.8	45.0	65.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	64.5	44.5	62.9	0.0	-	-	-	-
18	San Jose 9	-	1.Fl	-	-	-	-	68.1	44.6	66.4	0.0	-	-	-	-
			2.Fl	-	-	-	-	64.6	44.5	63.1	0.0	-	-	-	-
19	San Jose 10	-	1.Fl	-	-	-	-	74.4	41.1	72.7	0.0	-	-	-	-
20	San Jose 11	-	1.Fl	-	-	-	-	76.1	42.4	74.3	0.0	-	-	-	-
21	San Jose 12	-	1.Fl	-	-	-	-	76.8	41.4	75.0	0.0	-	-	-	-
22	San Jose 13	-	1.Fl	-	-	-	-	76.3	42.7	74.6	0.0	-	-	-	-
23	San Jose 14	-	1.Fl	-	-	-	-	71.0	42.8	69.3	0.0	-	-	-	-
24	San Jose 15	-	1.Fl	-	-	-	-	69.2	41.9	67.5	0.0	-	-	-	-
25	San Jose 16	-	1.Fl	-	-	-	-	70.2	43.5	68.5	0.0	-	-	-	-
26	San Jose 17	-	1.Fl	-	-	-	-	69.9	43.6	68.2	0.0	-	-	-	-
27	San Jose 18	-	1.Fl	-	-	-	-	73.9	44.3	72.2	0.0	-	-	-	-
28	San Jose 19	-	1.Fl	-	-	-	-	73.5	45.5	71.8	0.0	-	-	-	-
29	San Jose 20	-	1.Fl	-	-	-	-	72.4	43.2	70.7	0.0	-	-	-	-
30	San Jose 21	-	1.Fl	-	-	-	-	73.8	45.3	72.1	0.0	-	-	-	-
31	San Jose 22	-	1.Fl	-	-	-	-	74.0	45.6	72.3	0.0	-	-	-	-
32	San Jose 23	-	1.Fl	-	-	-	-	72.9	44.5	71.2	0.0	-	-	-	-
33	San Jose 24	-	1.Fl	-	-	-	-	70.2	41.4	68.5	0.0	-	-	-	-
34	San Jose 25	-	1.Fl	-	-	-	-	70.7	42.4	69.0	0.0	-	-	-	-
35	San Jose 26	-	1.Fl	-	-	-	-	68.8	40.5	67.0	0.0	-	-	-	-
36	San Jose 27	-	1.Fl	-	-	-	-	69.6	41.7	67.9	0.0	-	-	-	-
37	San Jose 28	-	1.Fl	-	-	-	-	70.3	42.6	68.6	0.0	-	-	-	-
38	San Jose 29	-	1.Fl	-	-	-	-	67.8	41.3	66.1	0.0	-	-	-	-
39	San Jose 30	-	1.Fl	-	-	-	-	69.4	40.9	67.7	0.0	-	-	-	-
40	San Jose 31	-	1.Fl	-	-	-	-	70.1	45.3	68.4	0.0	-	-	-	-
41	San Jose 32	-	1.Fl	-	-	-	-	69.0	39.5	67.3	0.0	-	-	-	-
			2.Fl	-	-	-	-	71.7	40.1	69.9	0.0	-	-	-	-
42	San Jose 33	-	1.Fl	-	-	-	-	68.1	41.0	66.4	0.0	-	-	-	-
43	San Jose 34	-	1.Fl	-	-	-	-	65.4	40.6	63.7	0.0	-	-	-	-
44	San Jose 35	-	1.Fl	-	-	-	-	66.8	41.4	65.1	0.0	-	-	-	-
45	San Jose 36	-	1.Fl	-	-	-	-	64.3	54.7	64.5	0.0	-	-	-	-
46	San Jose 37	-	1.Fl	-	-	-	-	63.5	55.1	64.1	0.0	-	-	-	-
47	San Jose 38	-	1.Fl	-	-	-	-	64.0	56.1	64.8	0.0	-	-	-	-
			2.Fl	-	-	-	-	69.3	61.8	70.3	0.0	-	-	-	-
48	San Jose 39	-	1.Fl	-	-	-	-	64.1	55.3	64.5	0.0	-	-	-	-

Receiver list

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
49	San Jose 40	-	1.Fl	-	-	-	-	63.9	53.9	63.9	0.0	-	-	-	-
			2.Fl	-	-	-	-	69.3	61.2	70.0	0.0	-	-	-	-
50	San Jose 41	-	1.Fl	-	-	-	-	64.5	51.9	63.8	0.0	-	-	-	-
51	San Jose 42	-	1.Fl	-	-	-	-	64.9	52.0	64.1	0.0	-	-	-	-
			2.Fl	-	-	-	-	70.4	58.4	69.8	0.0	-	-	-	-
52	San Jose 43	-	1.Fl	-	-	-	-	63.9	51.3	63.2	0.0	-	-	-	-
53	San Jose 44	-	1.Fl	-	-	-	-	62.1	48.3	61.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	69.1	56.8	68.5	0.0	-	-	-	-
54	San Jose 45	-	1.Fl	-	-	-	-	56.7	42.2	55.7	0.0	-	-	-	-
			2.Fl	-	-	-	-	64.6	48.9	63.4	0.0	-	-	-	-
55	San Jose 46	-	1.Fl	-	-	-	-	59.7	41.3	58.2	0.0	-	-	-	-
			2.Fl	-	-	-	-	67.4	48.0	65.9	0.0	-	-	-	-

APPENDIX N

TRANSPORTATION ANALYSIS

Good Samaritan Hospital

Transportation Analysis
Fourth Submittal

(3-06141)

May 2024

Prepared for

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

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EXECUTIVE SUMMARY

This transportation study evaluates transportation operations and site circulation conditions for the Planned Development Rezoning of an approximately 20-gross- acre site from the A(PD) Planned Development Zoning District (File No. PDC01-063) to the CG(PD) Planned Development District (File No. PDC22-132) for the Good Samaritan Hospital campus to allow the phased demolition of a hospital building and day care center for the construction of two hospital buildings, a medical office building; a central utility plant; and two parking structures ("Project"). The Project is located at 2425 Samaritan Drive and 2333 Samaritan Place, in the City of San José.

The Project site is currently developed as a hospital, currently licensed for 404 beds within an approximately 444,000-square-foot building. Specifically, the existing hospital building is divided into two different wings: a main building with emergency operations totaling approximately 359,000 square feet (Building A), and a women's and children's services wing center totaling approximately 85,000 square feet (Building B). The hospital campus also contains a daycare center at 2333 Samaritan Place of 6,700 square feet that is currently vacated. In total, the existing hospital campus is approximately 450,700 square feet.

The Project proposes to remove the existing hospital (Building A) and the daycare center, which is currently licensed for 404 beds and construct a new hospital campus consisting of a 750,000 square foot hospital facility with 419 licensed beds and a 200,000 square foot medical office business (MOB) in three phases.

- Phase 1
  - Demolish approximately 20,946 square feet of existing hospital main building and the 6,700 square foot daycare center. The remaining building will remain during Phase 1 and existing beds within the building will be transferred to the new Building C.
  - Construct a new approximately 548,000 (Building C) square foot hospital wing.
  - Construct a new five-story 253,000 square foot parking garage (Garage East) with 653 parking spaces and a central utility plant totaling approximately 23,750 square feet.
  - Increase the number of Licensed Beds from 404 to 413.

- Phase 2
  - Demolish remaining portion (i.e., 338,054) existing hospital main building to allow for access to the new hospital and replace it with surface parking.

- Phase 3 (Buildout)
  - Increase the number of Licensed Beds from 413 to 419.
  - Construct an approximately 202,000 square foot hospital wing and an approximately 200,000 square foot Medical Office Building (MOB), and a new five-story garage structure (Garage West) with 1,154 parking spaces.

Access to the site is currently provided by three stop-controlled driveways for vehicular traffic and one restricted-access driveway for ambulances on Samaritan Drive. The Project proposes to keep the existing three driveways, add an additional stop-controlled driveway along Samaritan Dr., and add three new driveways along Samaritan Place. The existing ambulance only driveway will be relocated in Phase 3 to accommodate relocation of the emergency facilities to the new hospital building C. The location of

drives facilitates access and circulation to the two proposed parking garages, one located on the east side of the property and the other on the west side of the property.

The potential impacts of the Project were evaluated in accordance with the standards and methodologies set forth by the City of San José. Pursuant to the City of San José's Transportation Analysis Policy (Policy 5-1) and the 2023 Transportation Analysis Handbook, this transportation analysis report includes a CEQA transportation analysis (TA) and a local transportation analysis (LTA). The CEQA transportation analysis in the report provides an evaluation of Vehicle Miles Traveled (VMT). VMT is defined in Chapter 1. The LTA supplements the CEQA transportation analysis by identifying transportation operational issues via an evaluation of weekday AM and PM peak-hour traffic conditions for twenty-five (25) study intersections and eight (8) freeway ramps near the Project site. The LTA also includes an analysis of site access, on-site circulation, parking, vehicle queuing, and effects to transit, bicycle, and pedestrian access.

The effects of the Project on nearby freeway segments were evaluated in accordance with the methodologies described in the Santa Clara Valley Transportation Authority's (VTA) Transportation Impact Analysis Guidelines (2014). The VTA administers the Santa Clara County Congestion Management Program (CMP). The Project freeway analysis is presented for informational purposes.

CEQA Transportation Analysis

As discussed earlier, Phase 1 includes the construction of a new 548,444 square foot 413 bed hospital. Phase 2 of the project demolishes the remaining portion of the existing hospital building and replace it with surface parking. Phase 3 incudes the construction of a 201,936 square foot hospital expansion with a total of 419 beds and the addition of a 200,000 square foot MOB.

The CEQA transportation analysis which provides an evaluation of VMT, looked at a conservative scenario for Phase 1 by assuming all 419 licensed beds are operational by end of Phase 1. Phase 3 (Buildout) includes VMT evaluation of 419 licensed beds and 200 KSF of MOB. No VMT analysis was conducted for Phase 2 as no traffic is generated.

The total increase in daily VMT caused by Phase 1 would be 0.05% (i.e., 143 daily trips) and by the Phase 3 (Buildout) would be 0.81% (i.e.,2,537 daily trips). The Project will be required to implement a series of TDM measures to mitigate the VMT impacts discussed above. The Project will fully mitigate its Phase 1 and Phase 3 (Buildout) VMT impacts.

Phase 1 – Hospital (419 Beds)

Because of the nature of the land use, and consistent with the City Handbook, the transportation metric for CEQA is a net change in VMT. The VMT analysis shows that the Project's Phase 1 would increase the daily VMT for employees by 47 daily trips from 240,569 to 240,616 (or 0.02%) and for patients/visitors by 96 daily trips from 73,798 to 73,894 (or 0.13%). The total increase in daily VMT caused by Phase 1 would be 143 daily trips from 314,367 to 314,510 (or 0.05%). Since Phase 1 would result in a net increase in daily VMT, a potentially significant impact would occur. Mitigation measures are required to reduce the VMT impact to a less than significant level.

Percent (%) VMT Reductions - Phase 1 – Hospital (419 Beds)

With implementation of the TDM measures for Phase 1 Conditions outlined in Section 4, a potential reduction of 503 employee daily trips will be achieved (which is 456 employee daily trips more than the

required mitigation) and a reduction of 96 patients/visitors' daily trips is achieved (which would equal the required mitigation). Therefore, the Project's Phase 1 VMT impact would be reduced to a less than significant level with mitigation incorporated. See Section 4 for further details.

Phase 3 (Buildout) – Hospital (419 Beds) + MOB (200 KSF)

The VMT analysis shows that Phase 3 (Buildout) would increase the daily VMT for employees by 1,611 daily trips from 240,569 to 242,180 (or 0.67%) and for patients/visitors by 926 daily trips from 73,798 to 74,724 (or 1.25%). The total increase in daily VMT caused by the proposed Project would be 2,537 daily trips from 314,367 to 316, 904 (or 0.81%). Since Phase 3 would result in a net increase in daily VMT, a potentially significant impact would occur. Mitigation measures are required to reduce the VMT impact to a less than significant level.

Percent (%) VMT Reductions – - Phase 3 (Buildout) - Hospital (419 Beds) + MOB (200 KSF)

With implementation of the TDM measures for Phase 3 (Buildout) Conditions outlined in Section 4, a potential reduction of 2,269 employee daily trips will be achieved (which is 658 employee daily trips more than the required mitigation) and a reduction of 562 patients/visitors' daily trips is achieved (which would be 362 patients/visitor's daily trips less than the required mitigation). The overall reduction of 2,537 daily trips required to mitigate the Project's Phase 3 (Buildout) VMT impact is achieved by combining the daily trips reduction for employees and patients/visitors. Therefore, the Phase 3 (Buildout) VMT impact would be reduced to less than significant level with mitigation incorporated.

Transportation Demand Management (TDM) Plan

The City's 2023 Transportation Analysis Handbook defines a Project's TDM requirement as a TDM Point Target to be met by committing to a package of TDM measures. San José Municipal Code Section 20.90.060 categorizes land uses into four categories: 'Home-End Uses,' 'Commute-End Uses,' 'Visit-End Uses,' and 'Other Uses.'

Phase 1, Phase 2, and Phase 3 (Buildout)) falls under the 'Commute-End Uses' land use category for the jobs generated. The Phase 1 Project which includes the Hospital (419 Beds), satisfies the TDM Point Target with 25 points. The Phase 2 Project which includes the demolition of the existing Hospital, does not satisfy the TDM Point Target with 21 points. To meet the 25-point minimum requirement, the following Phase 2 TDM measures are required:

- [MI01] Provide Bike and Micro-mobility Network Improvements
  - This measure will achieve a potential point value of 2 points.
- [MI03] Provide Transit Network Improvements
  - This measure will achieve a potential point value of 1 point.
- [MI05] Provide Pedestrian Network Improvements (2 points)
  - This measure will achieve a potential point value of 2 points.

However, if the Project reduces the number of parking spaces provided during Phase 2 to a parking ratio of 2.0 or less, then the Project meets the 25-point minimum requirement and TDM measure MI01, MI03, and MI05 would not be required under Phase 2.

The Phase 3 (Buildout) Project which includes the Hospital and Medical Office Building (MOB), satisfies the TDM Point Target with 31 points.

Projects including a TDM plan as a Condition of Approval are required to implement the proposed TDM measures for the life of the Project and fulfill ongoing compliance and monitoring requirements. As per the 2023 Transportation Analysis Handbook, the Project is classified as Level 2 (large Project) and would be subject to annual monitoring. The proposed Project will submit a completed TDM Compliance Form, a completed TDM Monitoring Report, and associated administrative fees to the City Department of Transportation every year.

Proposed Mitigation Plan Measures

The following TDM measures involving improvements related to alternative transportation modes are proposed:

- **Samaritan Drive Road Diet:** A road diet will be implemented with Phase 3 (Buildout), along the Project frontage and beyond along Samaritan Drive from Samaritan Ct. to the intersection of Samaritan Dr/ Samaritan Pl. The road diet will reduce the number of travel lanes from five lanes (i.e., two lanes in each direction and one central left turn lane) to three lanes (i.e., one lane in each direction and one central left turn lane). The project will be required to provide an on-street Class IV Protected Bike Path along the Project's frontage and non-frontage along Samaritan Drive and along Samaritan Pl.

  The proposed improvements involving Road Diet is in line with City's 'Better Bike Plan 2025', which proposes a Class IV Protected Bike Lane in each direction along Samaritan Drive from Los Gatos Blvd. to Union Avenue and a Class III Bike Route along Samaritan Pl. providing connection to the existing pedestrian bridge over SR-85.

- **Samaritan Drive / Samaritan Place Roundabout:** A roundabout at the existing unsignalized intersection of Samaritan Drive. / Samaritan Place. will also be implemented with Phase 3 (Buildout). The proposed roundabout will tie in with the Road Diet and will have a single lane in each direction. The proposed roundabout will provide the opportunity for existing VTA bus routes to make a U-turn along Samaritan Drive.

The project will take credit for some of the previously discussed VMT mitigation as TDM points for the TDM Ordinance. Refer to Section 5 of the report for additional information.

Local Transportation Analysis

Project Trip Generation

Trip generation for the proposed Project land uses was calculated using trip generation rates from the Institute of Transportation Engineers (ITE) *Trip Generation Manual, 11th Edition*. Per the 2023 *Transportation Analysis Handbook*, trip generation reduction credits were applied to the Project including location-based mode-share and removal of existing driveway counts.

During Phase 1, the Project will increase the number of currently licensed 404 Beds to 413 Beds. For conservative scenario, no credits were taken for the existing hospital demolition. During Phase 2, the Project will demolish the remaining portion existing hospital main building to allow for access to the new hospital and replace it with surface parking (552 spaces). While there will be a redistribution of the

trips internally within the site, no additional trips will be added during Phase 2 of the Project. Phase 3 (Buildout) of the Project includes the 419 beds and the addition of a 200,000 square foot MOB.

For a conservative scenario, all 419 beds were assumed to be operational by end of Phase 1. Baseline vehicle trips for Phase 1 Project (excluding trip adjustments) are anticipated to generate a gross total of 9,352 daily trips, 750 AM peak hour trips, and 708 PM peak hour trips. With all applicable trip reductions (location-based adjustment of 9%, VMT reductions, and existing driveway trip credits), the Phase 1 Project is anticipated to generate a total of 3,266 daily trips, 196 AM peak hour trips (165 In / 31 Out), and 197 PM peak hour trips (25 In / 172 Out).

During Phase 3 (Buildout), baseline vehicle trips for the Project (excluding trip adjustments) are anticipated to generate a gross total of 15,724 daily trips, 1,286 AM peak hour trips, and 1,276 PM peak hour vehicle trips. Development of the Project with all applicable trip reductions (location-based adjustment of 9%, VMT reduction, and existing driveway counts) is anticipated to generate a net total of 6,762 additional daily trips, 489 AM peak hour trips (409 In / 80 Out), and 516 PM peak hour trips (95 In / 421 Out) to the roadway network.

Intersection Traffic Operations

Weekday AM and PM peak hour intersection turning movement counts were collected for all study intersections during May 2022, except for the study intersection of S. Bascom Avenue / East Mozart Avenue, which was collected during November 2022. Traffic conditions for each study intersection were analyzed during the 7:00 – 9:00 AM and 4:00 – 6:00 PM peak hours of traffic which represent the most heavily congested traffic on a typical weekday. The study intersections were assessed under Existing, Background, Background Plus Phase 1 Project, Background Plus Phase 3 (Buildout) Project, Cumulative, Cumulative Plus Phase 3 (Buildout) Project Condition scenarios. The City of San José, the City of Campbell, the Town of Los Gatos, and the Valley Transportation Authority Congestion Management Program intersection level of service standards and significance thresholds were used to determine adverse effects caused by the Project.

Adverse Effects and Improvements

The Project is not anticipated to generate an adverse effect on the study intersections during the Phase 1 and Phase 3 (Buildout) scenarios.

The addition of Phase 3 (Buildout) Project trips increases the capacity of mixed flow lane and HOV lane at two freeway segments which are already operating at LOS F, causing a significant adverse effect. No improvements involving freeway widening to increase vehicle capacity are identified as it is not feasible for the proposed Project to bear the cost of implementing the improvements due to constraints related to right-of-way (ROW) and land acquisition costs.

The Project will implement the following geometric improvements as part of the TDM measures during Phase 3 (Buildout) to mitigate the VMT impact:

- **Samaritan Drive Road Diet:** A road diet will be implemented with Phase 3 (Buildout), along the Project frontage and beyond along Samaritan Drive from Samaritan Ct. to the intersection of Samaritan Dr/ Samaritan Pl. The road diet will reduce the number of travel lanes from five lanes (i.e., two lanes in each direction and one central left turn lane) to three lanes (i.e., one lane in each direction and one central left turn lane). The project will be required to provide an on-

street Class IV Protected Bike Path along the Project's frontage and non-frontage along Samaritan Drive and along Samaritan Pl. The proposed improvements involving the Road Diet are in line with City's 'Better Bike Plan 2025', which proposes a Class IV Protected Bike Lane in each direction along Samaritan Drive from Los Gatos Blvd. to Union Avenue and a Class III Bike Route along Samaritan Place. Providing connection to the existing pedestrian bridge over SR-85.

- **Samarian Drive and Samaritan Place Roundabout:** A roundabout at the existing unsignalized intersection of Samaritan Drive / Samaritan Place will also be implemented with Phase 3 (Buildout). The proposed roundabout will tie in with the Road Diet and will have a single lane in each direction. The proposed roundabout will provide the opportunity for existing VTA bus routes to make a U-turn along Samaritan Drive.

The Project will also include off-site right-of-way improvements at the Project site's access points on Samaritan Drive and Samaritan Place. These improvements would include new curb cuts for the proposed driveway access points, as well as rehabilitation of the existing pedestrian sidewalks.

Vehicle Site Access and Circulation

In Phase 1, the Project would keep the existing four driveways and add three new driveways (Driveway 5, Driveway 6, and Driveway 7) along Samaritan Pl. Driveway 5 and Driveway 6 would provide access to Garage East and Driveway 7 would lead to the relocated ambulance entry to the east of Building C**.** During Phase 2, no additional driveways would be constructed and during Phase 3 (Buildout), Driveway 3 will be relocated to provide better spacing between driveways and access to surface parking.

Per City guidance, all driveways to the Project site are at a minimum of 150 feet from any intersection. All proposed driveways are as per City standards and these driveway locations optimize sight distance and spacing for the proposed site plan. Passenger vehicles, delivery trucks, refuse, and emergency vehicles are able to circulate within the Project site without conflict.

Signal Warrant Analysis

- Under Cumulative Conditions, the intersection of Kingshurst Drive & Samaritan Drive does not meet the Peak Hour Warrant #3 requirements during both AM and PM peak hours. Under Cumulative Plus Phase 3 (Buildout) Project Conditions, the intersection meets the Peak Hour Warrant #3 requirements during both the AM and PM peak hours with the proposed road diet on Samaritan Drive with one vehicle travel lane for both approaches; however, the intersection of Samaritan Ct & Samaritan Drive (Int. # 7) was recently signalized (2022) as part of improvement measures identified in the 'Samaritan Medical Campus Development Plan' transportation analysis report dated May 2016. The Samaritan Ct & Samaritan Dr intersection is approximately 225 feet west of the Kingshurst Dr & Samaritan Dr intersection, and due to this proximity, signalization of the Kingshurst & Samaritan intersection is not recommended.

- The intersection of Samaritan Place & Samaritan Drive does not meet the Peak Hour Warrant #3 requirements under Cumulative Conditions. In addition the intersection does not meet the Peak Hour Warrant #3 under Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours. During the Phase 3 (Buildout) project condition, the Samaritan Pl & Samaritan Dr intersection would be converted into a roundabout.

- The intersection of Bascom Avenue & East Mozart Avenue does not meet the Peak Hour Warrant #3 requirements under Cumulative Conditions. In addition, the intersection does not meet the Peak Hour Warrant #3 under Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours.

Pedestrian, Bicycle, and Transit Site Access

The Project will provide on-site pedestrian and bicycle improvements, which include marked crosswalks and short-term/long-term bicycle parking facilities. To mitigate the Project's VMT impact, off-site pedestrian and bicycle improvements along Project frontage and beyond will be implemented during Project Phase 3 (Buildout) Conditions. These improvements include a Road Diet along Samaritan Drive, pedestrian improvements along Samaritan Place, and a roundabout at the intersection of Samaritan Drive / Samaritan Place. The Project improves pedestrian and bicycle connectivity and would not create an adverse effect concerning existing pedestrian and bicycle operations.

The existing bus stop in the westbound direction (between Driveway 1 and Driveway 2) will be improved to accommodate the proposed Road Diet along Samaritan Dr. The improvements to the westbound direction bus stop will include a bus turnout per the VTA standards, a relocated bus shelter in the middle of the bus turnout with floating island transit refuge with bike ramps at grade to existing sidewalk. The City staff prefers the existing bus stop in the westbound direction is relocated east between Driveway 3 and Driveway 4. The final location of the bus stop in the westbound direction will be discussed and finalized in coordination with City and VTA staff during the Plan Development Permits phase. The eastbound direction bus stop will be retained and green bike marking in driveways and transit conflict zone will be painted. The existing old bus shelters at the eastbound and westbound bus stops will be replaced with VTA's new standard shelters. It is recommended that the existing non-sheltered eastbound bus stop is removed and the existing eastbound bus stop with shelter retained. The proposed Project improves the transit facilities and connectivity and would not create an adverse effect concerning transit operations.

On-Site Vehicle and Bicycle Parking

Based on Section 5: Transportation Demand Management (TDM) Plan of the TA Report, the project is adhering to the current TDM ordinance and achieving the TDM Points Target for Phase 1 and 3.

The number of proposed vehicle and bicycle spaces provided for Phase 1, Phase 2, and Phase 3 are summarized below:

- Phase 1 – 1,205 vehicle spaces and 17 bicycle spaces
- Phase 2 – 1,494 vehicle spaces and 17 bicycle spaces
- Phase 3 – 2,179 vehicle spaces and 52 bicycle spaces

The San José City Council voted unanimously on December 6, 2022, to update its parking ordinance to no longer have minimum parking requirements for development proposals and to favor other modes of transportation. The new ordinance is in effect as of April 10, 2023. However, the proposed amounts of vehicle, bicycle, and motorcycle parking are analyzed against Table 20-190 of the San José Municipal Code (SJMC) in effect when the PD Zoning application was deemed complete in March 2023. Per the City's parking standard, the Project site is anticipated to provide sufficient on-site vehicle and bicycle parking.

Neighborhood Interface

The Project's on-site parking would satisfy the City's vehicle parking standard, and the Project is not anticipated to create an adverse effect concerning the existing parking condition in the surrounding area. The Project is not anticipated to create an adverse effect concerning the existing pedestrian and bicycle facilities in the surrounding area.

1. INTRODUCTION

1.1 Project Description

This transportation analysis (TA) report evaluates transportation operations and site circulation conditions for the proposed development located at 2425 Samaritan Drive and 2333 Samaritan Place, in the City of San José. Kimley-Horn was retained by Perkins and Will to provide a traffic operation analysis for the proposed Project based on the scope of work approved by the City of San José. The Project would result in an expansion of the existing Good Samaritan Hospital at 2425 Samaritan Drive and 2333 Samaritan Place in the City of San José. The Project consists of the phased construction of an eight-story building (basement plus eight floors), a central utility plant, two new parking garages, a medical office building, underground water and sewer tanks, and the demolition of the existing hospital building, and daycare center associated with the existing Good Samaritan Hospital Campus.

Under existing conditions, the hospital has 323 operational beds[1], and the hospital is currently licensed for 404 beds within an approximately 444,000 square foot building. The existing hospital building is divided into two different wings: a main building with emergency operations totaling approximately 359,000 square feet (Building A), and a women's and children's services wing center totaling approximately 85,000 square feet (Building B). The hospital campus also contains a daycare center at 2333 Samaritan Place totaling approximately 6,700 square feet. In total, the existing hospital campus is approximately 450,700 square feet. Project location is showing in **Figure 1** and an overview map locating the existing Project site is shown in **Figure 2.**

It is anticipated that the Project's full buildout would result in the construction of two new hospital wings (Building C and Building D) with 419 Licensed Beds (totaling approximately 750,000 square feet), an approximately 200,000 square foot medical office building (Building E), and two new parking garage structures (Garage East and Garage West totaling approximately 679,000 square feet). Detailed Project description by Phase is summarized in **Section 4** of this report. An overview map locating the proposed Project site at buildout is shown in **Figure 3**.

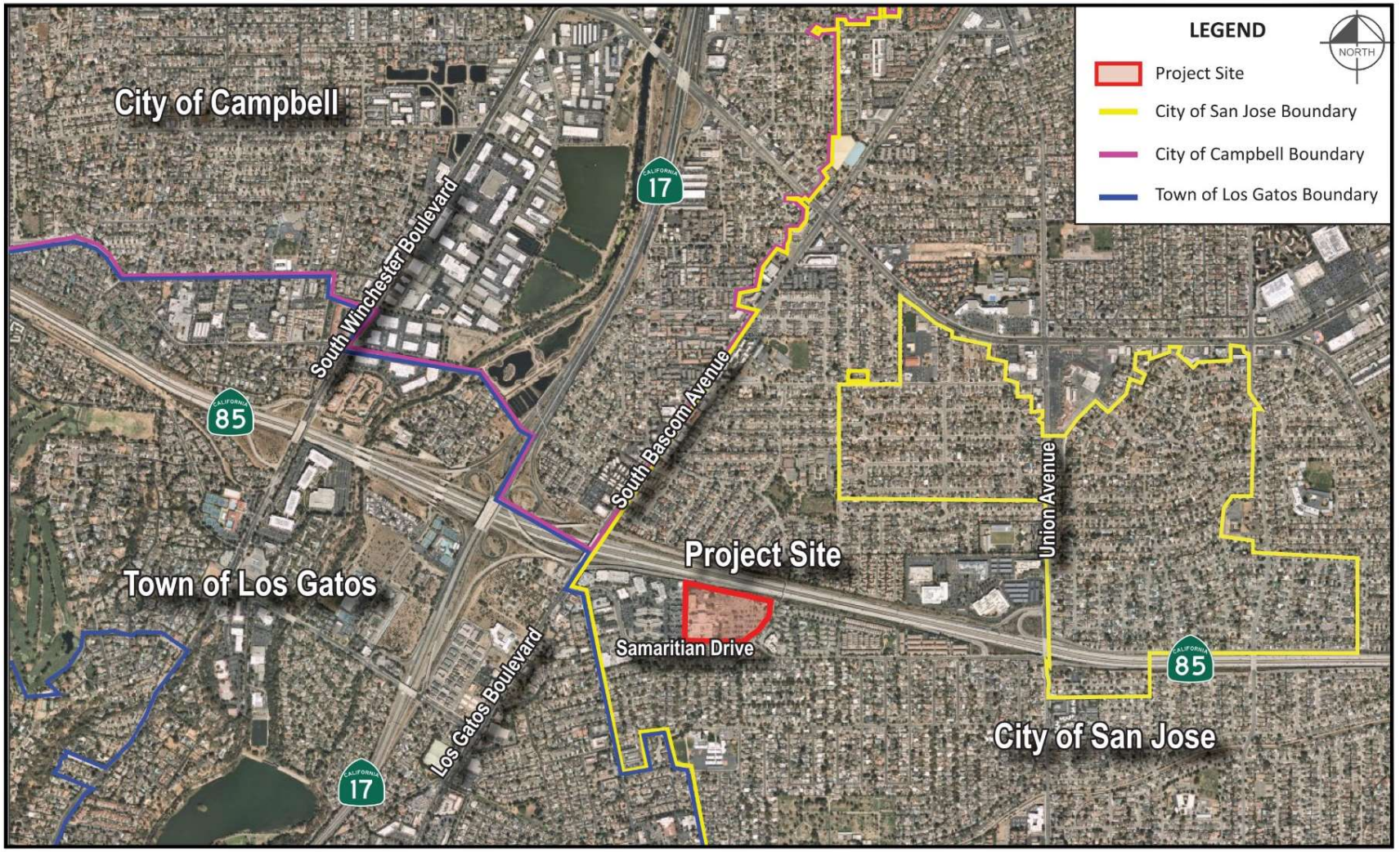
Access to the site is currently provided by three stop-controlled driveways for vehicular traffic and one restricted-access driveway for ambulances on Samaritan Drive. The Project proposes to keep the existing three driveways, add an additional stop-controlled driveway along Samaritan Dr., and add three new driveways along Samaritan Place. The existing ambulance only driveway will be relocated in Phase 3 to accommodate relocation of the emergency facilities to the new hospital building C. The location of drives facilitates access and circulation to the two proposed parking garages, one located on the east side of the property and the other on the west side of the property.

Based on the recently adopted Transportation Impact Council Policy 5-1, the Project will require preparation of a comprehensive transportation analysis per the 2023 San José Transportation Analysis Handbook. This report includes a California Environmental Quality Act (CEQA) transportation analysis (TA) and a local transportation analysis (LTA) which evaluates Project and transportation criteria including vehicle miles traveled (VMT), intersection and freeway segment operations, Project trip

[1] Operational Beds references the beds that the Hospital has "operational" based on staffing capacity and other conditions as determined appropriate by the Hospital administration. Operational Beds is a stabilized estimate based on existing typical operations. "Licensed Beds" are the maximum permitted beds under the state Licensing and Certification Program. Per bed trips under existing conditions rely on Operational Beds. For Projecting future conditions, Licensed Beds will be used as the worst-case condition.

generation and distribution, vehicle site access and circulation, Project parking, and bicycle, pedestrian, and transit facilities.

Figure 1: Overall Project Location Map



Kimley»Horn

Project Regional Map
GOOD SAMARITAN HOSPITAL

Figure 2: Project Site Map – Existing Conditions

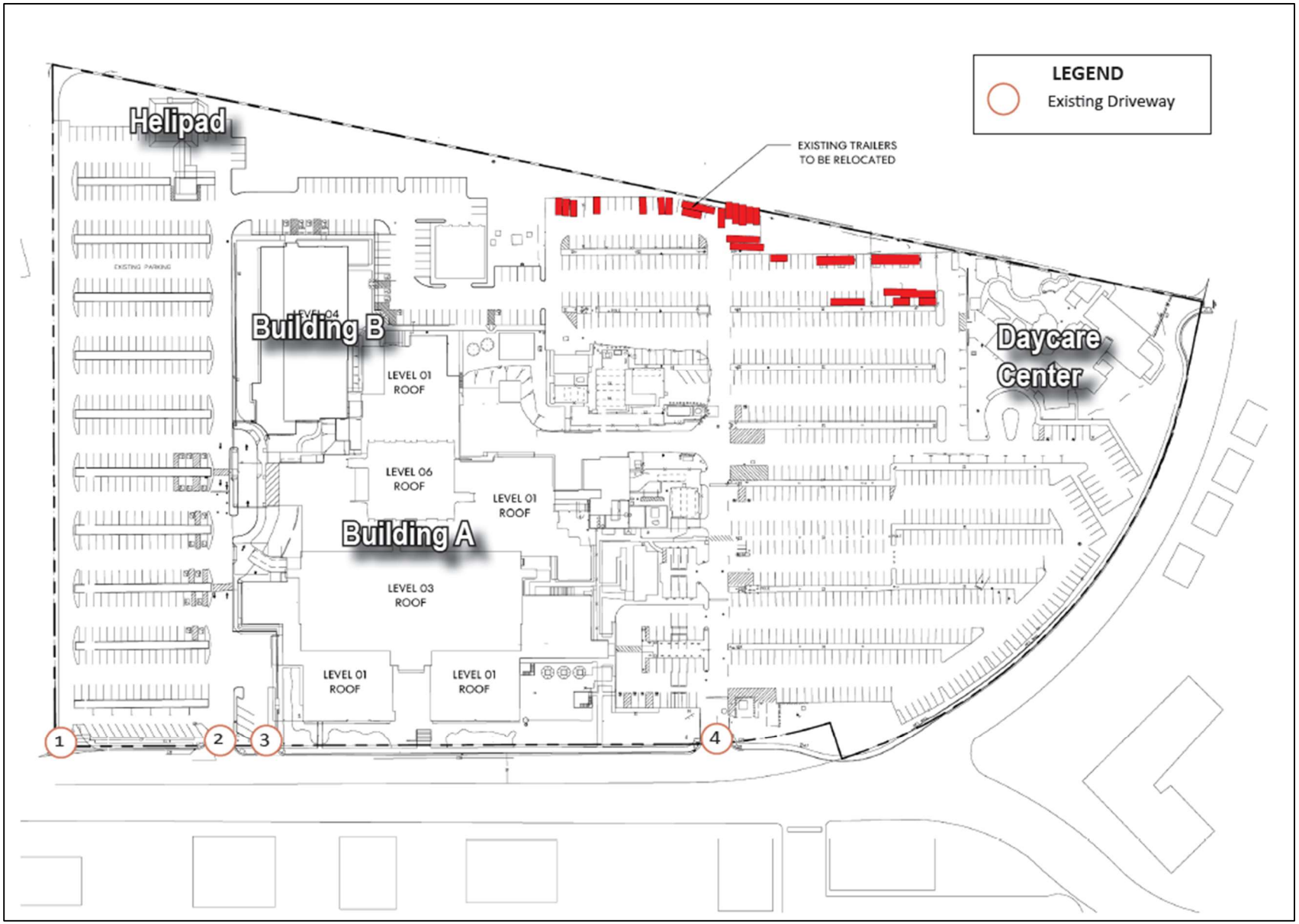
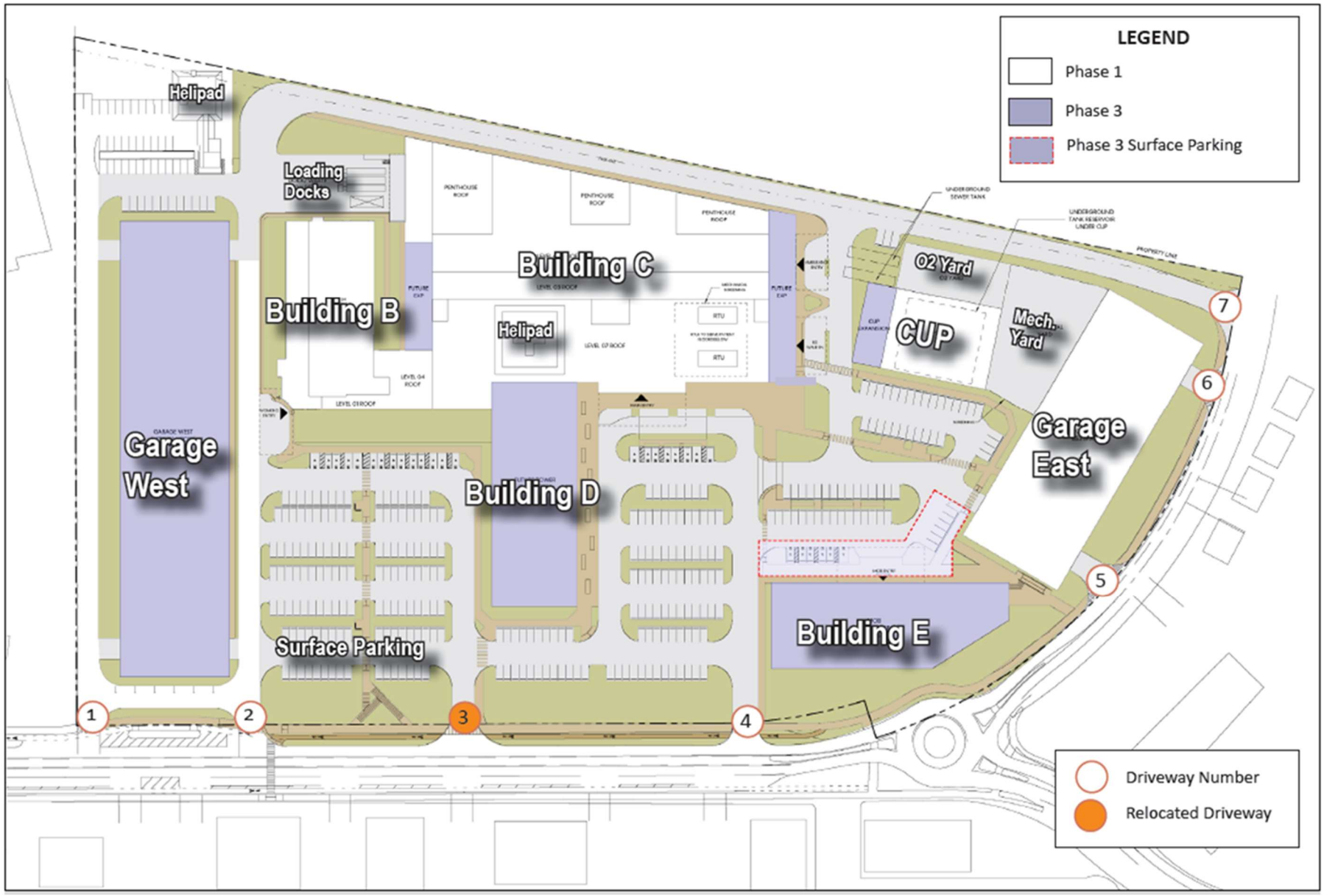


Figure 3: Project Site Map – Buildout Conditions



1.2 CEQA Transportation Analysis Scope

The California Environmental Quality Act (CEQA) was enacted in 1970 to ensure environmental protection through a review of discretionary actions approved by all public agencies. For the City of San José, a CEQA transportation analysis requires an evaluation of a Project's potential impacts related to VMT and other significance criteria per CEQA and Senate Bill 743.

VMT is defined as the total miles of travel by personal motorized vehicle a Project is expected to generate in a day. VMT is calculated using the Origin-Destination VMT method which measures the full distance of personal motorized vehicle trips with one end within the Project. A Project's VMT is compared to the appropriate thresholds of significance based on the Project location and type of development. For a residential Project, the Project's VMT is divided by the number of residents expected to occupy the Project to determine the VMT per capita. For an office or industrial Project, the Project's VMT is divided by the number of employees to determine the VMT per employee. The Project's VMT is then compared to the VMT thresholds of significance established based on the average area VMT. A Project located in a downtown area is expected to have a Project VMT lower than the average area VMT, while a Project located in a suburban area is expected to generate a Project VMT higher than the average area VMT.

Screening Criteria

The Transportation Analysis Handbook 2023 includes screening criteria for Projects that are expected to result in less-than-significant VMT impacts. Projects that meet the screening criteria do not require a CEQA transportation analysis but may be required to provide a Local Transportation Analysis (LTA).

The proposed Project, which consists of a hospital and medical office building, does not meet the screening criteria set forth in the City's Transportation Analysis Handbook. When assessing a hospital Project, the Project's total VMT, as opposed to a per-employee VMT metric is measured. Since the proposed Project would expand its existing facilities and operating capacity, the Project would result in a net increase in total VMT. Therefore, a detailed CEQA transportation analysis is required.

VMT Analysis Methodology

The City has developed the San José VMT Evaluation Tool to streamline the analysis for residential, office, and industrial Projects with local traffic to determine whether a Project would result in CEQA transportation impacts related to VMT. The City's Travel Demand Model can also be used to determine Project VMT for non-residential or non-office Projects, very large Projects, or Projects that can potentially shift travel patterns.

For this Project, the CEQA transportation analysis was assessed using the San José Travel Demand Model to determine the potential VMT impact from the Project's description, location, and land use attributes.

The Project's VMT was compared to the City's existing level VMT and VMT thresholds of significance as established in Council Policy 5.1. Project VMT that exceeds the thresholds of significance will need to mitigate its CEQA transportation impact by implementing various VMT reduction strategies described below.

1. Project characteristics (e.g., density, diversity of uses, design, and affordability of housing) that encourage walking, biking, and transit uses.

2. Multimodal network improvements that increase accessibility for transit users, bicyclists, and pedestrians,
3. Parking measures that discourage personal motorized vehicle trips, and
4. Transportation demand management (TDM) measures that provide incentives and services to encourage alternatives to personal motorized vehicle trips.

Land use characteristics, multimodal network improvements, and parking are physical design strategies that can be incorporated into the Project design. TDM includes programmatic measures that aim to reduce VMT by decreasing personal motorized vehicle mode share and by encouraging more walking, biking, and riding transit. TDM measures should be enforced through annual trip monitoring to assess the Project's status in meeting the VMT reduction goals.

City of San José VMT Threshold

The thresholds of significance for development Projects, as established in the Transportation Analysis Policy are based on the existing citywide average VMT level for residential uses and the existing regional average VMT level for employment uses. **Table 1** summarizes the City VMT thresholds of significance for development Projects. For residential developments, Project generated VMT that exceeds the existing citywide average VMT per capita minus fifteen (15) percent will create a significant impact. For office developments, Project-generated VMT that exceeds the existing regional average VMT per employee minus fifteen (15) percent will also create a significant impact. **Figure 4** and **Figure 5** show San José heat maps identifying existing level VMT per capita for residential uses and VMT per employee for office in the city. Developments in green-colored areas are estimated to have VMT levels below the City's threshold of significance while orange and pink-colored areas are estimated to have VMT levels above the threshold of significance.

Table 1: City of San José VMT Thresholds of Significance

Project Type	Significance Criteria	Current Level	Threshold
Residential	Project VMT per capita greater than (1) 15 percent below the existing citywide average VMT per capita OR (2) 15 percent below the existing regional average VMT per capita, whichever is lower	13.40 VMT per capita (Citywide Average)	11.39 VMT per capita
Office, Research & Development, Assisted Living	Project VMT per employee greater than 15 percent below existing regional average VMT per employee	16.53 VMT per employee (Regional Average)	14.05 VMT per employee
Industrial, Mini Storage	Project VMT per employee greater than existing regional average VMT per employee	16.53 VMT per employee (Regional Average)	16.53 VMT per employee
Retail, Lodging, Education	Net increase in existing regional total VMT	Regional Total VMT	Net Increase
Public/Quasi-Public	In accordance with the most appropriate type(s) as determined by Public Works Director	Appropriate levels listed above	Appropriate thresholds listed above
Mixed Uses	Evaluate each land use component of a mixed-use project independently and apply the threshold of significance for each land use type included	Appropriate levels listed above	Appropriate thresholds listed above
Change of Use/Additions to Existing Development	Evaluate the full site with the change of use or additions to existing development and apply the threshold of significance for each project type included	Appropriate levels listed above	Appropriate thresholds listed above
Urban Village Plans, Station Area Plans, Specific Plans, Development Policies, Other Area Plans	Evaluate each land use component of the area plan independently and apply the threshold of significance for each land use type included	Appropriate levels listed above	Appropriate thresholds listed above

VMT Cumulative Analysis

Projects must demonstrate consistency with the Envision San José 2040 General Plan to address cumulative impacts. If a Project is determined to be consistent with the General Plan, the Project will be considered part of the cumulative solution to meet the General Plan's long-range goals, and it will result

in a less-than-significant cumulative impact. Factors that contribute to a determination of consistency with the General Plan include a Project's density, design, and conformance to the goals and policies set forth in the General Plan. If a Project is determined to be inconsistent with the General Plan, a cumulative impact analysis will be required to determine the Project's cumulative effect on the regional air quality and greenhouse gas emissions targets and general plan consistency.

Figure 4: VMT Heat Map for Residential Projects in San José

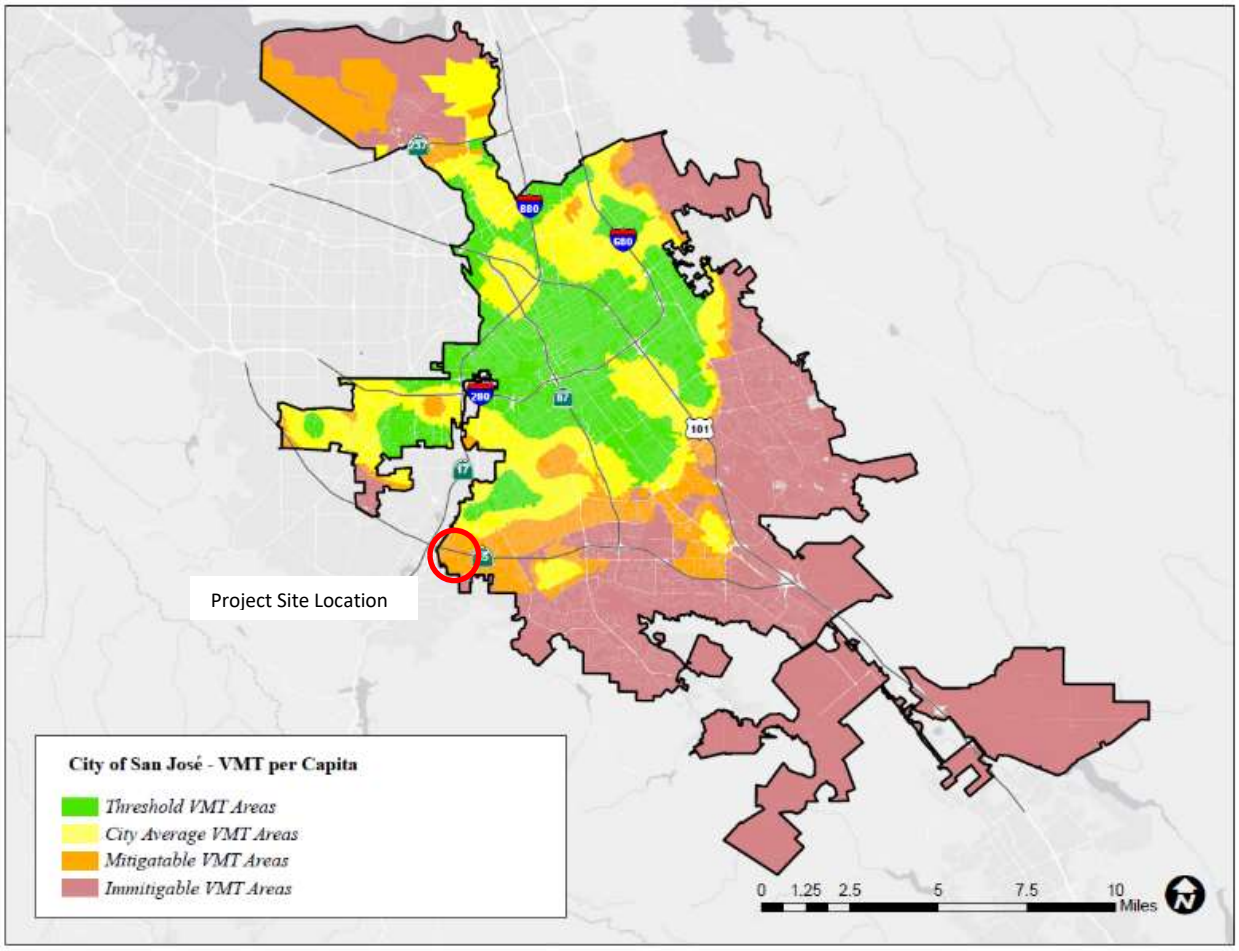
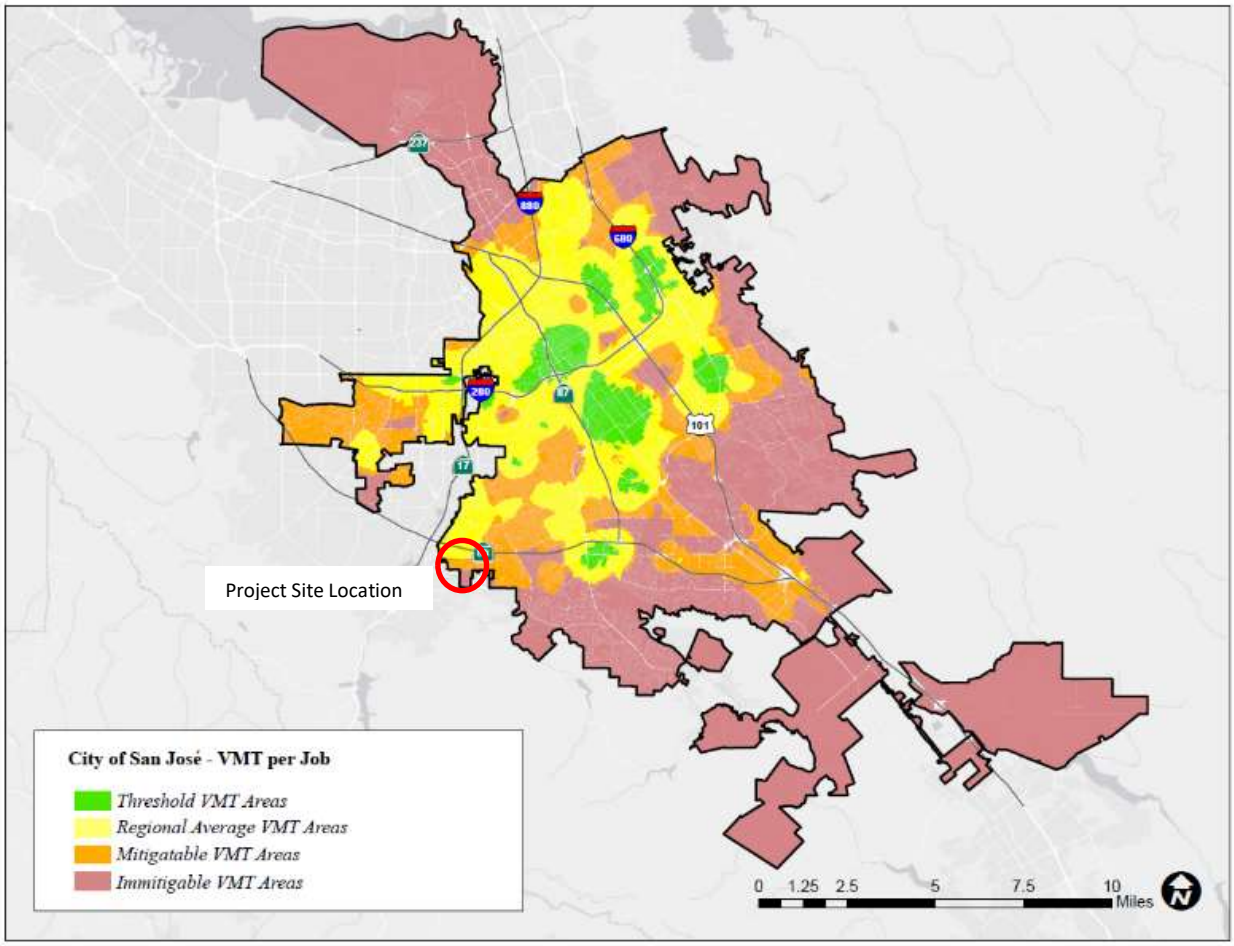


Figure 5: VMT Heat Map for Office Projects in San José



1.3 Local Transportation Analysis Scope

A Local Transportation Analysis (LTA) evaluates the effects of a development Project on transportation, access, circulation, and related safety elements in the proximate area of the Project. An LTA also establishes consistency with the General Plan policies and goals through the following three objectives:

1. Ensures that a local transportation system is appropriate for serving the types, characters, and intensity of the surrounding land uses;
2. Encourages Projects to reduce personal motorized vehicle-trips and increase alternative transportation mode share;
3. Addresses issues related to operation and safety for all transportation modes, with trade-offs guided by the General Plan street typology.

For this Project, the LTA was assessed per the guidelines established in the 2023 San José Transportation Analysis Handbook and Transportation Analysis Workscope for Good Samaritan Hospital dated September 2022. The LTA study to identify potential traffic adverse effect was evaluated per the standards and guidelines set forth by the City of San José and the Santa Clara Valley Transportation Authority (VTA) which administers the County Congestion Management Program (CMP). A Project is required to conduct an intersection operations analysis if the Project is expected to add ten (10) or more vehicle trips per peak hour per lane to a signalized intersection that is located within half a mile of the

Project site. Study intersections for the Project were selected in consultation with City staff and in accordance with the VTA's TIA Guidelines. A total of twenty-five (25) intersections within the City of San José, City of Campbell, and Town of Los Gatos were studied as part of this TA. These study intersections are shown in **Figure 6** and are listed below:

Study Intersections

1. Bascom Avenue and Camden Avenue (San José - CMP)
2. Bascom Avenue and White Oaks Avenue (San José)
3. Bascom Avenue and SR 85 North Ramps (San José - CMP)
4. Los Gatos Blvd and SR 85 South Ramps (San José - CMP)
5. Los Gatos Blvd / Bascom Avenue and Samaritan Drive (San José - CMP)
6. National Avenue and Samaritan Drive (San José - unsignalized)
7. Samaritan Ct and Samaritan Drive (San José)
8. Kinghurst Drive and Samaritan Drive (San José - unsignalized)
9. Samaritan Place and Samaritan Drive (San José - unsignalized)
10. SR 85 South Off-Ramp and Samaritan Drive (San José)
11. Union Avenue and Camden Avenue (San José - CMP)
12. Union Avenue and SR 85 North (San José)
13. Union Avenue and SR 85 South / Samaritan Drive (San José)
14. Union Avenue and Los Gatos-Almaden Rd (San José)
15. SR 17 Southbound Ramps and San Tomas Expressway (City of Campbell - CMP)
16. SR 17 Northbound Ramps and Camden Avenue (City of Campbell - CMP)
17. Winchester Blvd and Lark Avenue (Town of Los Gatos)
18. SR 17 South Ramps and Garden Hill Drive / Lark Avenue (Town of Los Gatos)
19. SR 17 North Ramps and Lark Avenue (Town of Los Gatos)
20. Los Gatos Blvd and Lark Avenue (Town of Los Gatos - CMP)
21. Los Gatos Blvd and Los Gatos-Almaden Rd-Chirco Drive (Town of Los Gatos)
22. National Avenue and Los Gatos-Almaden Rd (Town of Los Gatos)
23. Los Gatos Blvd and Gateway / Garden Ln (Town of Los Gatos)
24. Los Gatos Blvd and Walker St (Town of Los Gatos)
25. Bascom Avenue and East Mozart Avenue (City of Campbell - unsignalized)

The Project is also expected to add more than 100 net new peak-hour vehicle trips to the roadway network. Therefore, a CMP freeway analysis was also prepared to be consistent with the methodologies established in the VTA's TIA Guidelines. The follow eight (8) freeway segments evaluated in this TA are listed below.

Study Freeway Segments

1. SR 17, between Saratoga Avenue and Lark Avenue
2. SR 17, between Lark Avenue and SR 85
3. SR 17, between SR 85 and San Tomas Expwy/Camden Avenue
4. SR 17, between San Tomas Expwy/Camden Avenue and Hamilton Avenue
5. SR 85, between Camden Avenue and Union Avenue
6. SR 85, between Union Avenue and South Bascom Avenue
7. SR 85, between South Bascom Avenue and SR 17
8. SR 85, between SR 17 and Winchester Blvd

Figure 6: Study Intersections



Source: Kimley-Horn, 2022

Study Intersections
GOOD SAMARITAN HOSPITAL

Not to scale

Kimley»Horn
Expect More. Experience Better.

Study Scenarios

Traffic conditions for each study intersection was analyzed during the 7:00 – 9:00 AM and 4:00 – 6:00 PM peak hours of traffic which represent the most heavily congested traffic on a typical weekday. The study intersections and freeway segments were assessed under the following study scenarios.

- **Existing Conditions**: Existing AM and PM peak-hour traffic volumes, intersection geometry, and traffic control obtained from the City of San José 2018 CMP Annual Monitoring Report, field conditions, and supplemented with new turning movement counts conducted during the month of May 2022.

- **Background Conditions**: Peak-hour traffic volumes based on Existing conditions and adding City Approved Trip Inventory (ATI) traffic volumes from City of San José database to the Existing roadway geometry and traffic control. The ATI volumes represent approved but not yet constructed developments in the vicinity of the Project study area.

- **Project Conditions**: Peak-hour traffic volumes based on Background conditions and adding the net vehicle trips from the proposed Good Samaritan Project to the Background roadway geometry and traffic control. The Project scenario is compared to the Background conditions for determining Project traffic adverse effects.

- **Cumulative Conditions:** Peak-hour traffic volumes, intersection geometry, and traffic control based on forecasted traffic growth from approved Projects and other proposed but pending developments in the Project study area determined by City staff and staff of other City jurisdictions.

- **Cumulative Plus Project Conditions:** Peak-hour traffic volumes based on Cumulative conditions and adding the net vehicle trips from the proposed Good Samaritan Project to the Cumulative roadway geometry and traffic control. The Cumulative Plus Project scenario is compared to the Cumulative conditions for determining Project traffic adverse effects.

1.4 Methodology

This section of the report documents the analysis methodologies and the level of service standards used to determine the traffic conditions for the scenarios discussed above.

Intersection Level-of-Service Criteria and Thresholds

Signalized Intersections

Analysis of potential adverse effects at roadway intersections is based on the concept of level-of-service (LOS). The LOS of an intersection is a qualitative measure used to describe operational conditions. LOS A (best) represents minimal delay, while LOS F (worst) represents heavy delay and a facility that is operating at or near its functional capacity. LOS for this study was based on the Highway Capacity Manual (HCM) 2000 methodology with TRAFFIX software. This methodology is used by the City of San José for CMP-designated intersections and determining average intersection vehicle delay measured in seconds. The standards used by the City of San José to measure signalized and unsignalized intersection operations are summarized below in **Table 2**.

Table 2:Intersection Operation Standards at Signalized Intersections

Operations Standard	Descriptions	Average Control Delay (seconds/vehicle)
A	Operations with very low delay occurring with favorable progress and/or short cycle lengths.	10.0 or less
B	Operations with low delay occurring with good progression and/or short cycle lengths.	Between 10.1 and 20.0
C	Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	Between 20.1 and 35.0
D	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, and high volume-to-capacity (V/C) ratios. Many vehicles stop and individual cycle failures are noticeable.	Between 35.1 and 55.0
E	Operations with high delays indicating poor progression, long cycle lengths, and high V/C ratios. Individual cycle failures are frequent occurrences.	Between 55.1 and 80.0
F	Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.	Higher than 80.0

Project adverse effects are determined by comparing baseline conditions to those scenarios with the proposed Project. Significant adverse effects for intersection are created when traffic from the proposed Project causes the LOS to fall below the maintaining agency's LOS threshold or causes deficient intersection to deteriorate further, per the criteria indicated below.

City of San José LOS Threshold

The City's acceptable intersection operations standard is LOS "D" unless superseded by an Area Development Policy. An adverse effect on intersection operations occurs when the analysis demonstrates that a Project would cause the operations standard at a study intersection to fall below LOS "D" with the addition of Project vehicle-trips to baseline conditions.

For intersections already operating at LOS "E" or LOS "F" under the baseline conditions, an adverse effect is defined as:

- An increase in average critical delay by 4.0 seconds or more AND an increase in the critical volume-to-capacity (V/C) ratio of 0.010 or more; OR
- A decrease in average critical delay AND an increase in the critical V/C ratio of 0.010 or more.

Unsignalized Intersections

For unsignalized intersections, Peak-Hour Signal Warrant 3 as per 'California Manual on Uniform Traffic Control Devices (MUTCD)' was used to assess the need for signalization. Intersection LOS is not reported for unsignalized intersections.

Intersection Queuing Analysis

The LOS analysis for signalized intersections was supplemented with vehicle queueing analysis for study intersections, where the Project would add substantial number of trips to the left turning movements. The 95th percentile vehicle queues are converted into queue length assuming 25 feet per vehicle, and the estimated queues were compared against existing or planned storage capacity for left turn

movements to determine whether the storage capacity is sufficient to accommodate the left turn movement.

CMP Intersection LOS Threshold
The County's operations standard for a CMP identified intersection is LOS "E." A Project is anticipated to create a significant adverse effects on traffic conditions at a CMP signal if:

- LOS at the intersection degrades from and acceptable LOS "E" or better under baseline conditions to an unacceptable LOS F under baseline plus Project conditions; OR
- LOS at the intersection is an unacceptable LOS "F" under baseline conditions and the addition of Project trips causes both the critical-movement delay at the intersection to increase by four (4) or more seconds AND the volume-to-capacity ratio (V/C) to increase by one percent (0.01) or more.

City of Los Gatos LOS Threshold
The City's acceptable intersection operations standard is LOS "D" and follows the same criteria as the City of San José.

City of Campbell LOS Threshold
A total of 3 study intersections are within the City of Campbell, out of which 2 study intersections (Int. 15: SR 17 Southbound Ramps/San Tomas Expressway & Int.16: SR 17 Northbound Ramps and Camden Ave) are CMP intersections and are subject to CMP LOS Thresholds. The other intersection is an unsignalized intersection (Int. 25: Bascom Avenue and East Mozart Avenue) and the City of Campbell does not have adopted minimum LOS thresholds for unsignalized intersections.

For signalized intersections which are not on the CMP network, a Project is anticipated to create a significant adverse effect on traffic conditions if:

- The addition of Project trips causes operation of an intersection to degrade from an acceptable LOS (LOS D or better) to LOS E or LOS F, or
- For intersections where LOS E is established, the addition of Project trips causes operation of an intersection to degrade from LOS E to LOS F.

Freeway Level-of-Service Criteria and Threshold
As per CMP guidelines, an analysis of freeway segments levels of service is required if the proposed development Project is expected to add traffic equal to or greater than one percent of the freeway segment's capacity. The proposed Project is expected to add more than one percent and therefore, a detailed analysis of the freeway segment levels of service was conducted.

Per the VTA CMP technical guidelines, the level-of-service for freeway segments is estimated based on vehicle density (vehicles/mile/lane) and is calculated by dividing the peak hour volume by the average travel speed and number of travel lanes. The standards used by the County of Santa Clara to measure freeway segment operations are summarized below in **Table 3**.

The County's operations standard for a CMP freeway segment is LOS "E." Freeway segments that operated at LOS F when monitoring began in 1991 are exempt from meeting the LOS E standards. A significant adverse effect on traffic conditions on a freeway segment occurs if for either peak hour:

- The level of service on the freeway segment degrades from an acceptable LOS E or better to an unacceptable LOS F with the addition of Project trips, or
- The level of service on the freeway segment is already operating at an unacceptable LOS F **and** the number of Project trips added to the segment constitutes at least one percent of capacity of the segment.

Table 3: Freeway Segment Operation Standards

Level of Service	Description	Density (passenger cars/mile/lane)
A	Free Flow. Vehicles are completely unimpeded in their ability to maneuver within the traffic stream. The effects of minor incidents are easily absorbed.	≤ 11
B	Reasonably Free Flow. The ability to maneuver within the traffic stream is only slightly restricted, and the general level of physical and psychological comfort provided to drivers is still high. The effects of minor incidents are easily absorbed.	11 < density ≤ 18
C	Stable Flow. Flows are approaching the range where small increases in traffic flows will cause substantial deterioration in service. Freedom to maneuver within the traffic stream is noticeably restricted, and lane changes require additional care and vigilance by the driver. Minor incidents may still be absorbed, but the local deterioration in service will be substantial. Queues may be expected to form behind any significant blockage.	18 < density ≤ 26
D	Unstable Flow. Small increases in traffic flows cause substantial deterioration in service. Freedom to maneuver within the traffic stream is severely limited, and the driver experiences drastically reduced physical and psychological comfort levels. Even minor incidents can be expected to create substantial queuing because the traffic stream has little space to absorb disruptions.	26 < density ≤ 46
E	Capacity Flow. Operations are extremely unstable, because there are virtually no usable gaps in the traffic stream. Any incident can be expected to produce a serious breakdown with extensive queuing.	46 < density ≤ 58
F	Forced Flow. Level of service F describes forced or breakdown flow. Such conditions generally exist within queues forming behind breakdown points. Such breakdowns occur for a number of reasons: a temporary reduction in capacity caused by a traffic incident, or a recurring point of congestion caused by a merge, a weave segment, or lane drop.	> 58
Notes: Level of Service Definitions based on 2018 CMP Monitoring & Conformance Report, Table 4.1.		

1.4 Report Organization

This report has a total of nine (9) chapters. Chapter 1 provides introduction, including CEQA and LTA analysis scope and methodology. Chapter 2 describes existing transportation conditions including, the existing roadway network, site access, transit service, bicycle and pedestrian facilities. Chapter 3 discusses Project Site Plan, Project Trip Generation, Project Trip Distribution, and Project Trip Assignment. Chapter 4 describes the CEQA transportation analysis, including the Project VMT impact analysis and percent VMT reductions with the proposed TDM measures to mitigate the VMT impact. Chapter 5 describes the TDM Plan (i.e., TDM measures. Chapters 6, and 7 describes the local transportation analysis including operations of study intersections under analyzed scenarios, the Project's effects on the transportation system, and an analysis of other transportation issues including site access and circulation, parking, transit services, bicycle and pedestrian facilities, and neighborhood intrusion. Chapter 8 describes the existing and future operations of the freeway segments in the study area and Chapter 9 summarizes the conclusions and recommendations.

2. EXISTING TRANSPORTATION CONDITIONS

This chapter describes the existing conditions of the transportation system within the study area of the Project. It presents the existing land uses in the proximity of the Project and describes transportation facilities near the Project site, including the roadway network, transit service, and pedestrian and bicycle facilities. The analysis of existing intersection operations is included as part of the Local Transportation Analysis.

2.1 Existing Roadway Network

The following local and regional roadways provide access to the Project site:

Samaritan Drive is an east-west major collector road that serves as the southern boundary of the Project site with direct driveway access. The roadway is a four-lane road west of Samaritan Pl with a posted speed limit of 30 mph. It is a two-lane road east of Samaritan Pl with a posted speed limit of 35 mph. Class II bike lanes in both directions are provided along Samaritan Drive within the vicinity of the Project site. As per the Envision San José 2040 General Plan, Samaritan Drive is classified as City Connector Street.

Samaritan Place is a north-south, two-lane residential street with on-street parking that serves as the eastern boundary of the Project Site. The roadway has a posted speed limit of 25 miles per hour and connects to the existing pedestrian bridge over SR-85. As per the Envision San José 2040 General Plan, Samaritan Pl. is classified as Residential Street.

National Avenue is a north-south, two-lane major collector road with on-street parking. The roadway has a speed limit of 25 mph and provides access to Samaritan Drive. As per the Envision San José 2040 General Plan, National Avenue is classified as Residential Street.

Kinghurst Drive is a north-south, two-lane residential road with on-street parking. The roadway has a speed limit of 25 mph and provides access to Samaritan Drive. As per the Envision San José 2040 General Plan, Kinghurst Drive is classified as Residential Street

Bascom Avenue is a north-south, six-lane principal arterial road that provides access to Samaritan Drive, State Route 17, and State Route 85. The roadway has a posted speed limit of 40 mph. Bascom Avenue merges into Los Gatos Boulevard south of SR 85. Class II bike lanes in both directions are provided along Bascom Avenue. As per the Envision San José 2040 General Plan, Bascom Ave. is classified as City Connector Street.

Los Gatos Boulevard is a north-south, six-lane principal arterial road that provides access to Samaritan Dr, State Route 17, and State Route 85. The roadway has a posted speed limit of 40 mph. Los Gatos Boulevard merges into Bascom Avenue north of SR 85. As per the Envision San José 2040 General Plan, Los Gatos Blvd. is classified as City Connector Street.

Union Avenue is a north-south, four-lane minor arterial road that provides Class II bike lanes in both directions and access to Samaritan Drive and State Route 85. The roadway has a posted speed limit of 35 mph. Class II bike lanes in both directions are provided along Union Avenue. As per the Envision San José 2040 General Plan, Union Ave. is classified as City Connector Street

Camden Avenue is a six-lane principal arterial road that provides access to State Route 17 and State Route 85. The roadway is north-south, west of Union Avenue, and east-west between Union Avenue and Hillsdale Avenue. The posted speed limit is 40 mph. Camden Avenue merges into San Tomas Expressway just west of State Route 17. As per the Envision San José 2040 General Plan, Camden Ave. is classified as Grand Boulevard.

San Tomas Expressway is an east-west, six-lane principal arterial road that provides access to State Route 17. The posted speed limit is 45 mph. San Tomas Expressway merges into Camden Avenue just east of State Route 17. As per the Envision San José 2040 General Plan, San Thomas Expressway is classified as an Expressway.

Los Gatos Almaden Road is an east-west, two-lane minor arterial road with Class II bike lanes (east of Los Gatos Blvd.). The road is located south of the Project site and provides access to Bascom Avenue, National Avenue, and Union Avenue. The posted speed limit is 35 mph. As per the Envision San José 2040 General Plan, Los Gatos Almaden Rd. is classified as Local Connector Street.

Lark Avenue is an east-west, four-lane minor arterial road with Class II bike lanes. The roadway extends from Winchester Boulevard to Los Gatos Boulevard and provides access to State Route 17. The posted speed limit is 30 mph.

State Route 17 (SR 17) is a north-south freeway that varies from a six-lane to eight-lane freeway north of State Route 85. Access to the Project site to and from SR 17 is provided by nearby ramps at Lark Avenue, Los Gatos Boulevard, and Camden Avenue. As per the Envision San José 2040 General Plan, State Route 17 is classified as a Freeway.

State Route 85 (SR 85) is a six-lane freeway that is aligned in an east-west orientation between State Route 17 and Highway 101. Access to the Project site to and from SR 85 is provided by nearby ramps at Bascom Avenue, Samaritan Drive/Union Avenue, and Winchester Boulevard. As per the Envision San José 2040 General Plan, State Route 85 is classified as a Freeway.

2.3 Existing Pedestrian and Bicycle Facilities

Pedestrian activity along the Samaritan Drive corridor is anticipated to be moderate. Sidewalks at least six feet wide are available on both the north and south sides of Samaritan Drive, with good lighting and signing. Marked crosswalks and ADA standard curb ramps provide improved pedestrian visibility and safety.

The Los Gatos Creek Trail system provides north-south access for bicyclists and pedestrians. The 10-mile Class I pathway extends from Lexington Reservoir above Los Gatos to Meridian Avenue in San José. Access from the Los Gatos Creek Trail is provided off Bascom Avenue and Lark Avenue, located north-west and south-west respectively, of the Project site.

At the Project site frontage, pedestrian features including fluorescent pedestrian warning signs, ADA curb ramps, and marked crosswalks are provided at the Samaritan Drive / Samaritan Place and at Samaritan Drive on the south-west corner (existing entrance driveway) of the Project site. At the intersection of Samaritan Drive / Kinghurst Drive, fluorescent pedestrian warning signs with overhead pedestrian crossing signal, marked crosswalk, ADA curb ramps, and pedestrian push button are provided

as pedestrian features. The Samaritan Crossing over SR-85 connects White Oaks Avenue with Samaritan Place providing connections between neighborhoods for both pedestrians and bicyclists. Overall, the existing sidewalks and pedestrian facilities adjacent to the Project have good connectivity and provide pedestrians with safe routes to the surrounding land uses.

Bicycle facilities within 1 mile of the Project site include Class II bike lanes on Samaritan Dr, Union Avenue, Los Gatos Almaden Road, and Lark Avenue. These bike facilities are marked with appropriate signs and pavement markings. Existing bicycle facilities within the Project site is shown in **Figure 7.**

According to the 2025 San José Bike Plan, the City is planning the following bicycle facilities within the vicinity of the Project site:

- Class IV protected bike lanes along Bascom Avenue, Samaritan Drive, Camden Avenue, Union Avenue, and Los Gatos Almaden Road.
- Class III bike boulevard along Samaritan Place cul-de-sac located on the eastern boundary of the Project site. Class III bike boulevard along Samaritan Place connects existing SR-85 pedestrian overcrossing and extends along White Oaks Ave to Bascom Avenue, on Browning Avenue, and on Kilmer Avenue connecting SR-17 pedestrian overcrossing.
- Class I shared use path through the Houge Park and connecting to Class III bike boulevard on Charmeran Avenue.

2.4 Existing Transit Facilities and Services

Transit services in the study area include bus, light rail, and passenger train service. These transit services are provided by the Santa Clara Valley Transportation Authority (VTA), Caltrain, Altamont Commuter Express (ACE), and Amtrak.

VTA Bus Service

San José is served by many local bus routes. Most regular bus routes run weekdays from early in the morning (5:00 AM to 6:00 AM) until late in the evening (10:00 PM to midnight) and weekends from early morning (5:00 AM to 6:00 AM) until mid-evening (8:00 PM to 10:00 PM). Bus headways during peak commute periods vary between 15 to 30 minutes. The study area is served by several bus routes in the VTA system. Within 1/3 mile near the Project site, Route 27 and 61 provides local and regional bus service for commuters in Santa Clara County.

- Route 27: Weekday service is every 30 minutes and first stop at Good Samaritan Hospital is at 6:10 AM and the last stop is at 8:33 PM in the eastbound direction. In the westbound direction, service is every 30 minutes with first stop at Good Samaritan Hospital at 5:51 AM and the last stop is at 8:47 PM.
- Route 61: Weekday service is every 30 minutes and first stop at Good Samaritan Hospital is at 5:14 AM and the last stop is at 10:01 PM in the northbound direction. In the southbound direction, service is every 30 minutes with first stop at Good Samaritan Hospital at 6:26 AM and the last stop is at 10:56 PM.

Bus stops with benches, shelters, and bus pullout amenities are provided within 1/3 mile from the Project site. The closest transit stops by the Project are located just south of the existing Good Samaritan Hospital along Samaritan Drive in both eastbound and westbound direction. The bus stop in the westbound direction includes a bus-bay, shelter, and a bench. In the eastbound direction, two bus

stops exists, a non-sheltered bus stop and a sheltered bus stop with a bench. Access to transit stops is provided through existing sidewalks and marked crosswalk across Samaritan Dr. Existing transit services within Project vicinity is shown in **Figure 8**.

VTA Light Rail Transit (LRT) Service

VTA currently operates the 42.2-mile light rail line system from south San José, downtown, and through the northern areas of San José, Santa Clara, Milpitas, Mountain View, and Sunnyvale. The closest LRT station is at the Winchester Station in Campbell, which is located 2 miles north of the Project site. the Mountain View – Winchester LRT lines at this station operate daily with 15-30 minute LRT headways between each schedule. The Winchester Station can be accessed by taking Local Bus Routes to reach the Project site.

Figure 7: Existing Bicycle Facilities

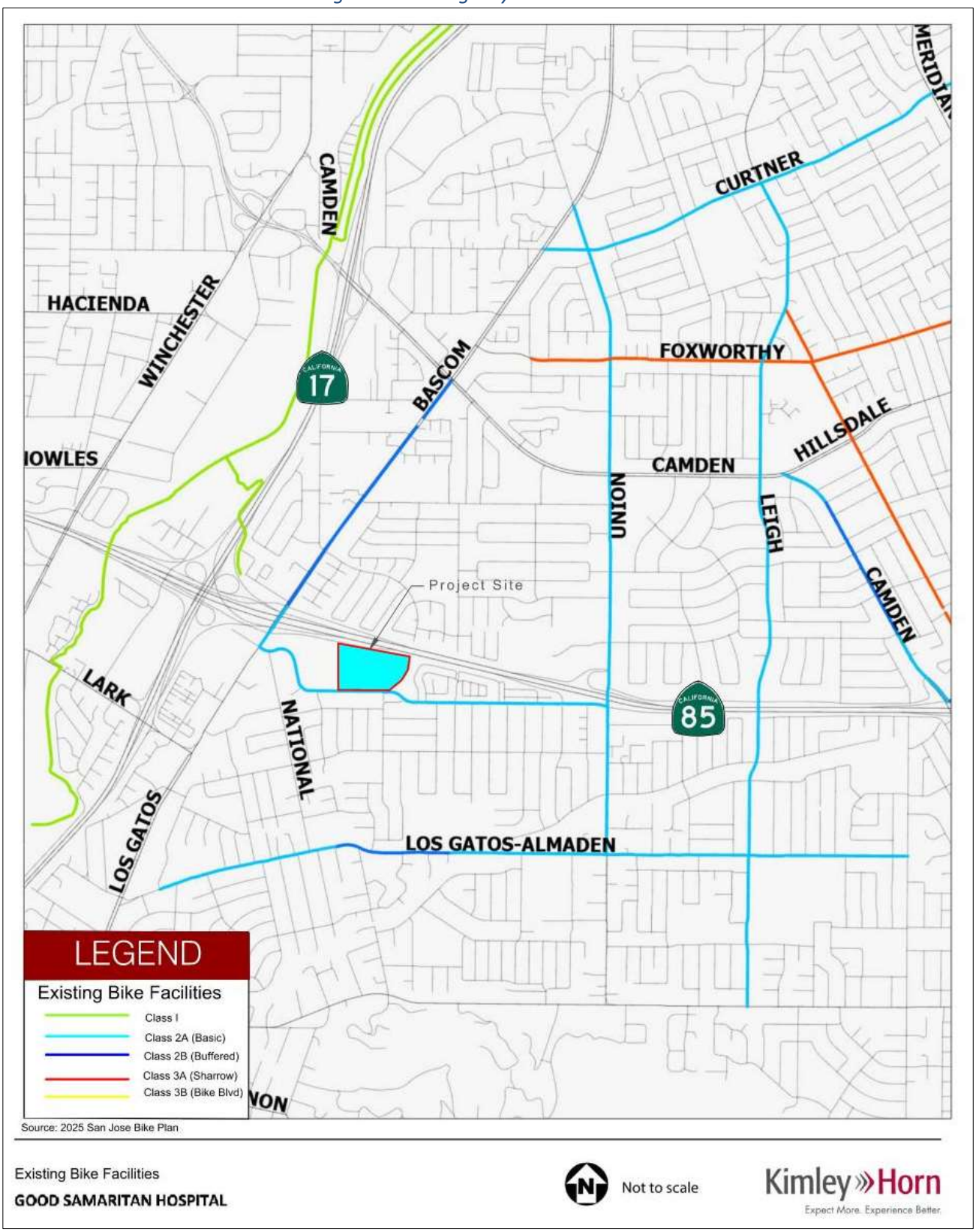
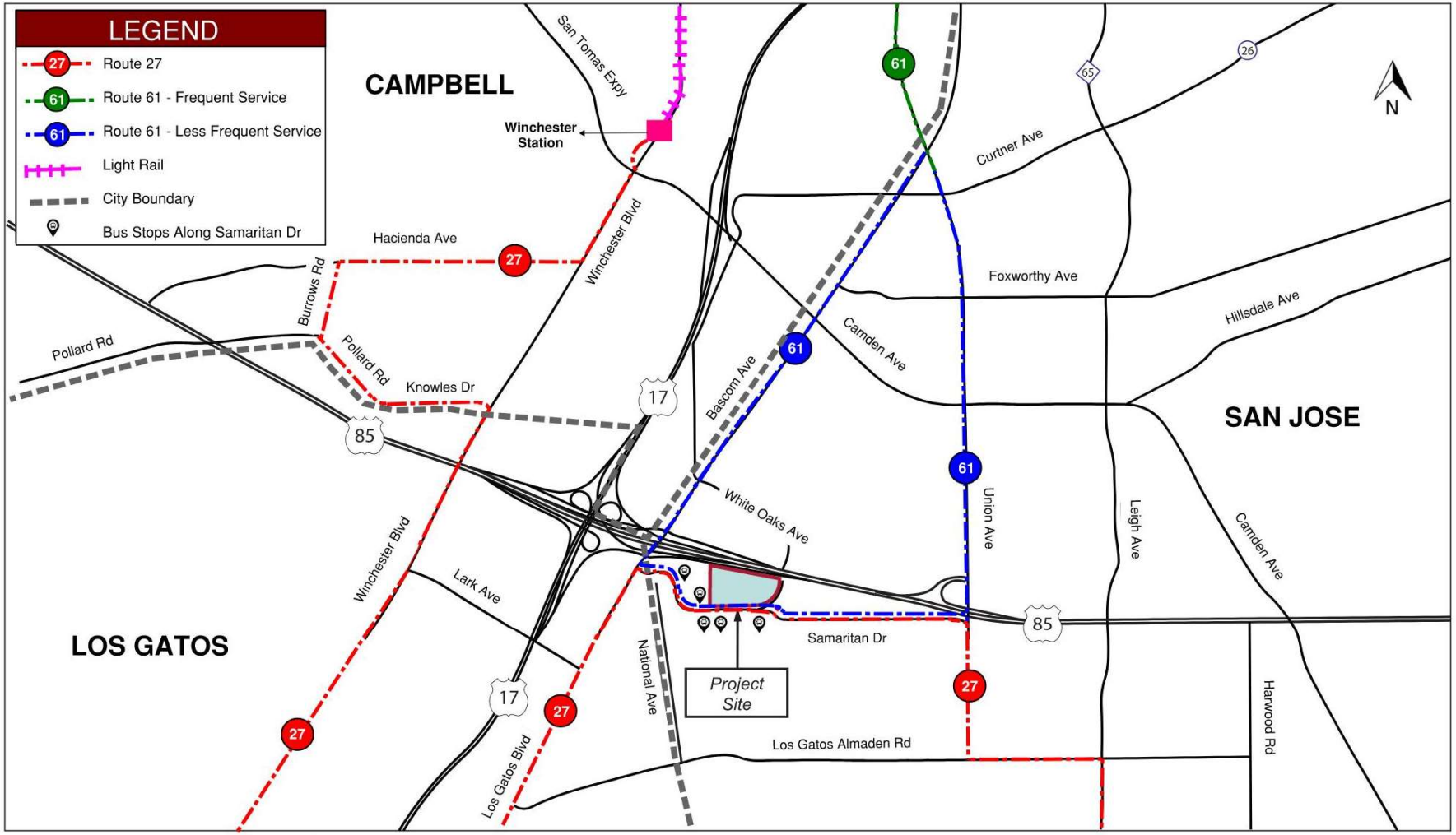


Figure 8: Existing Transit Services



Kimley»Horn
NOVEMBER 2023

Existing Transit Services
GOOD SAMARITAN HOSPITAL

Caltrain Service

Commuter rail service between San Francisco and Gilroy is provided by Caltrain. The Tamien Station is approximately 5 miles away from the Project site and has 275 parking spaces, 18 bike racks and 10 on-demand electronic lockers. Trains stop frequently at the Tamien Station between 4:20 AM and 11:05 PM in the northbound direction, and between 7:22 AM to 1:43 AM in the southbound direction. Caltrain provides passenger train service seven days a week and provides extended service to Morgan Hill and Gilroy during commute hours. The Tamien Station can be accessed by taking the VTA LRT Service utilizing the Alum Rock – Santa Teresa LRT line and then transferring to the Mountain View – Winchester LRT line.

Altamont Commuter Express (ACE) Service

Commuter passenger train service across the Altamont between Stockton and San José is provided by ACE which stops at the San José Diridon Station during both the morning and evening weekday commute hours. ACE trains stop at the Diridon Station between 6:22 AM and 9:44 AM in the westbound direction and between 3:35 PM and 6:38 PM in the eastbound direction. The Diridon Station is approximately 6 miles from the Project site which can be accessed by taking the VTA LRT Service utilizing the Mountain View – Winchester LRT line.

Amtrak Service

Amtrak provides daily commuter passenger train service along the 170-mile Capitol Corridor between the Sacramento region and the Bay Area, with stops in San José, Santa Clara, Fremont, Hayward, Oakland, Emeryville, Berkeley, Richmond, Martinez, Suisun City, Davis, Sacramento, Roseville, Rocklin, and Auburn. The Capitol Corridor trains stop at the San José Diridon station six times on weekdays between 7:15 AM and 8:16 PM in the westbound direction. In the eastbound direction, Amtrak stops at the Diridon station six times on weekdays between 6:18 AM and 6:05 PM. The Diridon Station is approximately 6 miles from the Project site which can be accessed by taking the VTA LRT Service utilizing the Mountain View – Winchester LRT line.

2.5 Study Intersections

The traffic study to identify potential traffic impacts was evaluated per the standards and guidelines set forth by the City of San José and the Santa Clara Valley Transportation Authority (VTA) which administers the County Congestion Management Program (CMP). Study intersections for the Project were selected in consultation with City staff and in accordance with the VTA's TIA Guidelines. The following twenty-five (25) intersections studied in this report are listed and described below.

1. Bascom Avenue and Camden Avenue (CMP)
2. Bascom Avenue and White Oaks Avenue
3. Bascom Avenue and SR 85 North Ramps (CMP)
4. Los Gatos Blvd and SR 85 South Ramps (CMP)
5. Los Gatos Blvd / Bascom Avenue and Samaritan Drive (CMP)
6. National Avenue and Samaritan Drive (unsignalized)
7. Samaritan Ct and Samaritan Drive
8. Kinghurst Drive and Samaritan Drive (unsignalized)
9. Samaritan Place and Samaritan Drive (unsignalized)
10. SR 85 South Off-Ramp and Samaritan Drive
11. Union Avenue and Camden Avenue (CMP)
12. Union Avenue and SR 85 North

13. Union Avenue and SR 85 South / Samaritan Drive
14. Union Avenue and Los Gatos-Almaden Rd
15. SR 17 Southbound Ramps and San Tomas Expressway (CMP)
16. SR 17 Northbound Ramps and Camden Avenue (CMP)
17. Winchester Blvd and Lark Avenue
18. SR 17 South Ramps and Garden Hill Drive / Lark Avenue
19. SR 17 North Ramps and Lark Avenue
20. Los Gatos Blvd and Lark Avenue (CMP)
21. Los Gatos Blvd and Los Gatos-Almaden Rd-Chirco Dr
22. National Avenue and Los Gatos-Almaden Rd
23. Los Gatos Blvd and Gateway / Garden Ln
24. Los Gatos Blvd and Walker St
25. Bascom Avenue and East Mozart Avenue (unsignalized)

1. Bascom Avenue and Camden Avenue (CMP) is a signalized intersection located north of the Project site, east of SR 17, and north of SR 85 in the City of San José. The Camden Avenue southbound approach consists of a raised median, one left-turn, three through, and one right-turn lane while the northbound approach consists of a raised median, one left-turn, two through, and one through-right lane. The Bascom eastbound and westbound approaches have a raised median, two left-turn, two through, and one through-right lane.

2. Bascom Avenue and White Oaks Avenue is a signalized intersection located north of the Project site, east of SR 17, and north of SR 85 in the City of San José. The White Oaks southbound approach consists of one left-turn, one through, and one right-turn lane while the northbound approaches consists of a raised median, one left-turn, one through, and one right-turn lane. The Bascom Avenue eastbound and westbound approaches consist of a raised median, one left-turn, two through, and one through-right lane.

3. Bascom Avenue and SR 85 North Ramps (CMP) is a signalized intersection located north-west of the Project site and just east of SR 17 in the City of San José. The southbound approach consists of a raised median, two through, and one through-right lane while the Bascom Avenue northbound approach consists of two left-turn and three through lanes. The SR 85 North off-ramp has one left-turn, one through-left, and one right-turn lane.

4. Los Gatos Boulevard and SR 85 South Ramps (CMP) is a signalized intersection located north-west of the Project site and just east of SR 17 in the City of San José. The Bascom Avenue southbound approach consists of a raised median, two left-turn, and three through lanes while the northbound approach consists of two through and one through-right lane. The east-west oriented SR 85 South off-ramp has one left-turn and one left-through-right-turn lane.

5. Los Gatos Boulevard and Samaritan Drive (CMP) is a signalized intersection located west of the Project site, east of SR 17, and south of SR 85 in the City of San José. The Los Gatos Boulevard southbound approach consists of two left-turn, two through, and one right-turn lane while the northbound approach consists of one left-turn, two through, and one right-turn lane. The Burton Road eastbound approach contains one left-through-right lane. The Samaritan Drive westbound approach contains one left-turn, one left-through, and one right-turn lane.

6. National Avenue and Samaritan Drive (unsignalized) is a side street stop controlled south T-intersection located west of the Project site. The National Avenue northbound approach contains one right-turn lane. The Samaritan Drive eastbound approach contains one through and one through-right lane while the westbound approach contains one left-turn, one left-through and one right turn lane.

7. Samaritan Court and Samaritan Drive (Signalized) is a signalized T-intersection located west of the Project site. Samaritan Drive is oriented north-south north of Samaritan Court and east-west south of Samaritan Court. The Samaritan Drive southbound approach contains one through and one through-right lane while the westbound approach contains one left lane and two through lanes. Samaritan Ct. approach contains one-left-right turn lane.

8. Kinghurst Drive and Samaritan Drive (unsignalized) is a side street stop controlled south T-intersection located just west of the Project site. The Kinghurst Drive northbound approach contains one left-right turn lane. Samaritan Drive has a two way left turn lane throughout this segment of the road. The Samaritan Drive eastbound approach contains one through and one through-right lane while the westbound approach contains two through lanes.

9. Samaritan Pl and Samaritan Drive (unsignalized) is a side street stop controlled north T-intersection located just east of the Project site. The Samaritan Pl southbound approach contains raised islands, one left-turn, and one right-turn lane. The Samaritan Drive eastbound approach contains one left-turn and one through lane while the westbound approach contains a raised median, one through, and one right-turn lane.

10. SR 85 Southbound Off-Ramp and Samaritan Drive is a signalized north T-intersection located east of the Project site. The SR 85 South off-ramp approach contains two left-turn and one right-turn lane. The Samaritan Drive eastbound approach contains two through lanes while the westbound approach contains one through lane.

11. Union Avenue and Camden Avenue (CMP) is a signalized intersection located north-east of the Project site. The Union Avenue southbound approach contains two left-turn, two through, and one right-turn lane while the northbound approach contains one left-turn, one through, and one through-right lane. The Camden Avenue eastbound and westbound approaches have raised medians, one left-turn, two through, and one through-right lane.

12. Union Avenue and SR 85 (N) is a signalized west T-intersection located east of the Project site. The Union Avenue southbound approach contains a raised median, two through, and one right-turn lane while the northbound approach contains two left-turn lanes and two through lanes. The SR 85 North off-ramp contains two left-turn and one right-turn lane.

13. Union Avenue and SR 85 (S) – Samaritan Drive. is a signalized intersection located east of the Project site. The Union Avenue southbound approach contains a raised median, two left-turn, two through, and one right-turn lane while the northbound approach contains one left-turn, two through, and one right-turn lane. The SR 85 South off-ramp leads to Samaritan Dr. Samaritan Drive eastbound approach contains one left-turn, one left-through, and one right-turn lane.

14. Union Avenue and Los Gatos-Almaden Road is a signalized intersection located south-east of the Project site. The Union Avenue southbound approach contains one left-turn, one through, and one right-turn lane while the northbound approach contains raised islands, one left-turn, one through, and

one right-turn lane. The Los Gatos Almaden Road eastbound and westbound approaches contain one left-turn and one through-right lane.

15. SR 17 Southbound Ramps and San Tomas Expressway (CMP) is a signalized intersection located north of the Project site. The SR 17 South off-ramp contains raised islands, two left-turn, one left-through, and one right-turn lane. The San Tomas Expressway eastbound approach contains raised islands, four through and one right-turn lane while the westbound approach contains a raised median, raised islands, two left-turn and three through lanes.

16. SR 17 Northbound Ramps and Camden Avenue (CMP) is a signalized intersection located north of the Project site. The SR 17 North off-ramp leads to White Oaks Road. The White Oaks Road northbound approach contains a raised median, raised islands, two left-turn and one through-right lane. The Curtner Avenue southbound approach contains one left-through lane and one right-turn lane. The Camden Avenue eastbound approach contains a raised median, raised islands, one left-turn, three through, and one right-turn lane while the westbound approach contains a raised median, one left-turn, four through, and one through-right lane.

17. Winchester Boulevard and Lark Avenue is a signalized east T-intersection located west of the Project site. The Winchester Boulevard southbound approach contains a raised median, two left-turn, and one through while the northbound approach contains a raised median, a raised island, one through and one right-turn lane. The Lark Avenue westbound approach has raised islands, one left-turn, and one right-turn lane.

18. SR 17 (W) and Lark Avenue is a signalized intersection located south-west of the Project site. The SR 17 South off-ramp contains raised islands, one left-turn, one left-through, and one right-turn lane. The Garden Hill Drive northbound approach contains one left-through-right turn lane. The Lark Avenue eastbound approach contains a raised median, one left-turn, one through, and one through-right lane while the westbound approach contains a raised median, one left-turn, one through, and one through-right lane.

19. SR 17 (E) and Lark Avenue is a signalized intersection located south-west of the Project site. The SR 17 North off-ramp contains raised islands, one left-through and one right-turn lane. The Lark Avenue eastbound approach contains a raised median, two left-turn and two through lanes while the westbound approach contains a raised median, raised islands, two through and two right-turn lanes.

20. Los Gatos Boulevard and Lark Avenue (CMP) is a signalized intersection located south-west of the Project site. The Los Gatos Boulevard southbound approach contains a raised median, raised islands, one left-turn, two through, and one right-turn lane while the northbound approach contains a raised median, three left-turn, one through, and one through-right lane. The Lark Avenue eastbound approach has a raised median, raised islands, two left-turn lanes, one left-through, and one right-turn lane while the westbound approach contains one-left-through-right lane.

21. Los Gatos Boulevard and Los Gatos-Almaden Road-Chirco Drive is a signalized intersection located south-west of the Project site. The Los Gatos Boulevard southbound and northbound approaches contain a raised median, one left-turn, two through, and one through-right lane. The Chirco Drive eastbound approach contains a raised median, raised islands, and one left-through-right lane. The Los Gatos Almaden Road westbound approach contains a raised median, raised islands, one left-through, and one right-turn lane.

22. National Avenue and Los Gatos-Almaden Road is a signalized north T-intersection located south of the Project site. The National Avenue southbound approach contains one left-turn and one right-turn lane. The Los Gatos Almaden Road eastbound approach contains one left-turn and one through lane while the westbound approach contains one through-right lane.

23. Los Gatos Boulevard and Gateway / Garden Lane is a signalized intersection located south-west of the Project site. The Los Gatos Boulevard southbound and northbound approaches contain a raised median, one left-turn, two through, and one through-right lane. The Garden Lane eastbound approach contains one left-through lane and one right-turn lane.

24. Los Gatos Boulevard and Walker Street is a signalized intersection located south-west of the Project site. The Los Gatos Boulevard southbound and northbound approaches contain a raised median, one left-turn and one through lane. The Walker Street eastbound approach contains one left-through lane and one right-turn lane. The Gateway Drive westbound approach contains a raised median, one left-through lane, and one right-turn lane.

25. Bascom Avenue and East Mozart Avenue is a side street stop controlled east T-intersection located just north-west of the Project site. The Bascom Avenue southbound approach contains two through, and one through-right turn lane and the northbound approaches contain a raised median and three through lanes. The East Mozart Lane eastbound approach contains one right-turn lane.

2.6 Existing Field Observations and Transportation Conditions

Field visits to the Project site and its vicinity were conducted during the months of May 2022, October 2022, and September 2023 to observe biking, walking, transit, and roadway operations during peak commute periods. The existing field observations are documented in Section 2.1 to 2.5.

The following key observations were made during the field visit conducted during the month of September 2023 at the Bascom Avenue / SR-85 Ramps and Union Avenue / SR-85 Ramps:

- **Bascom Avenue / SR-85 Ramps (Northbound and Southbound)** – The ramp meters for both the northbound and southbound on-ramp were not working during both AM and PM peak periods. For the southbound on-ramp, vehicle queues were contained within the on-ramp and did not extend at any point to Bascom Avenue. For the northbound on-ramp, queues were observed during the AM peak period, however, the queues were contained within the on-ramp and at not point extended to Bascom Avenue.

- **Union Avenue / SR-85 Ramps (Northbound and Southbound)** – The ramp meters for both the northbound and southbound on-ramp were operational during both AM and PM peak periods. For the southbound on-ramp, vehicle queues were observed to extend up to Union Avenue during the PM peak period. The Southbound SR-85 was congested with stop and go conditions during the PM peak period causing queues to extend up to Union Avenue. For the northbound on-ramp, queues were observed during the AM peak period, however, the queues were contained within the on-ramp and at not point extended to Union Avenue.

The following field observations were made at these on-ramps:

AM Peak Period

- The maximum queue observed along the northbound on-ramp from Bascom Avenue was in the range of 300 ft. to 400 ft. approximately.
- The maximum queue observed along the northbound on-ramp from Union Avenue was in the range of 200 ft. to 500 ft. approximately.
- At no point during the AM peak period, vehicle queues along the on-ramp reached the City Streets (i.e., Bascom Avenue and Union Avenue)
- The northbound traffic along SR 85 was congested with stop and go conditions.

PM Peak Period

- The maximum queue observed along the southbound on-ramp from Bascom Avenue was in the range of 300 ft. to 400 ft. approximately.
- The maximum queue observed along the southbound on-ramp from Union Avenue was in the range of 400 ft. to 500 ft. approximately.
- At no point during the PM peak period, vehicle queues along the on-ramp reached the City Streets (i.e., Bascom Avenue and Union Avenue). The on-ramp queues at Union Avenue were closest to intersection.

2.7 Existing Site Access

There are currently three driveways on Samaritan Drive to the Project site, although one driveway is restricted to ambulances only. An overview map locating the existing Project site is shown in **Figure 1, Figure 2** and **Table 4** provides additional details about existing access to the Project site.

Table 4: Existing Driveways

Driveway	Location	Width	Movement	Use
1	Approximately 925 feet west of Samaritan Drive /Samaritan Place intersection	24 feet	Restricted – Egress only	Public
2	Approximately 700 feet west of Samaritan Drive /Samaritan Place intersection	30 feet	Restricted- Ingress only	Public – leads to the hospital's main entrance
3	Approximately 690 feet west of Samaritan Drive /Samaritan Place intersection	24 feet	Restricted- Ingress only	Ambulance Use, Only for ER
4	Approximately 160 feet west of Samaritan Drive /Samaritan Place intersection	34 feet	Full Access (Unrestricted Turn Movements)	Public – leads to the hospital's east entrance

Source: Perkins & Will, 2022.

Driveway 1 is restricted to egress movements only. Drivers can make full movements to either westbound or eastbound Samaritan Dr. Driveway 2 is restricted to ingress movements only and provides access to the main hospital entrance, valet parking, and surface parking lot. The drive aisle continues north toward the site boundary and existing heliport. Driveway 3 is immediately east of Driveway 2 and is restricted to ambulances accessing the Emergency Room (ER). Driveway 4 provides unrestricted full-access movements and leads to the hospital's eastern entrance and additional surface parking. Service and deliveries use Driveway 4 to access the loading docks along the northeastern portion of the hospital.

3. LTA PROJECT DESCRIPTION

This chapter describes the local transportation analysis including the method by which Project traffic is estimated through trip generation, trip distribution, and volume assignment.

3.1 Project Site Plan

Based on the site plans provided by Perkins and Will, it is anticipated that the Project's full buildout would result in the construction of two new hospital wings with 419 Licensed Beds (totaling approximately 750,000 square feet), an approximately 200,000 square foot medical office building, and two new parking garage structures (totaling approximately 679,000 square feet). The Project would be developed in three phases:

- Phase 1
  - Demolish approximately 20,946 square feet of existing hospital main building (Building A) and the 6,700 square foot daycare center. The remaining building will remain during Phase 1 and existing beds within the building will be transferred to the new Building C.
  - Construct a new approximately 548,000 (Building C) square foot hospital wing.
  - Construct a new five-story 253,000 square foot parking garage (Garage East) with 653 parking spaces and a central utility plant totaling approximately 23,750 square feet.
  - Increase the number of Licensed Beds from 404 to 413.

- Phase 2
  - Demolish remaining portion (i.e., 338,054) existing hospital main building to allow for access to the new hospital and replace it with surface parking.

- Phase 3 (Buildout)
  - Increase the number of Licensed Beds from 413 to 419.
  - Construct an approximately 202,000 square foot hospital wing (Building D) and an approximately 200,000 square foot medical office building (Building E), and a new five-story garage structure (Garage West) with 1,154 parking spaces.

The Project site plan for Phase 1, Phase 2 and Phase 3 is presented in **Figure 9, Figure 10,** and **Figure 11** respectively. A conceptual landscape plan for the project is attached in **Appendix M**.

Figure 9: Project Site Plan – Phase 1 Conditions

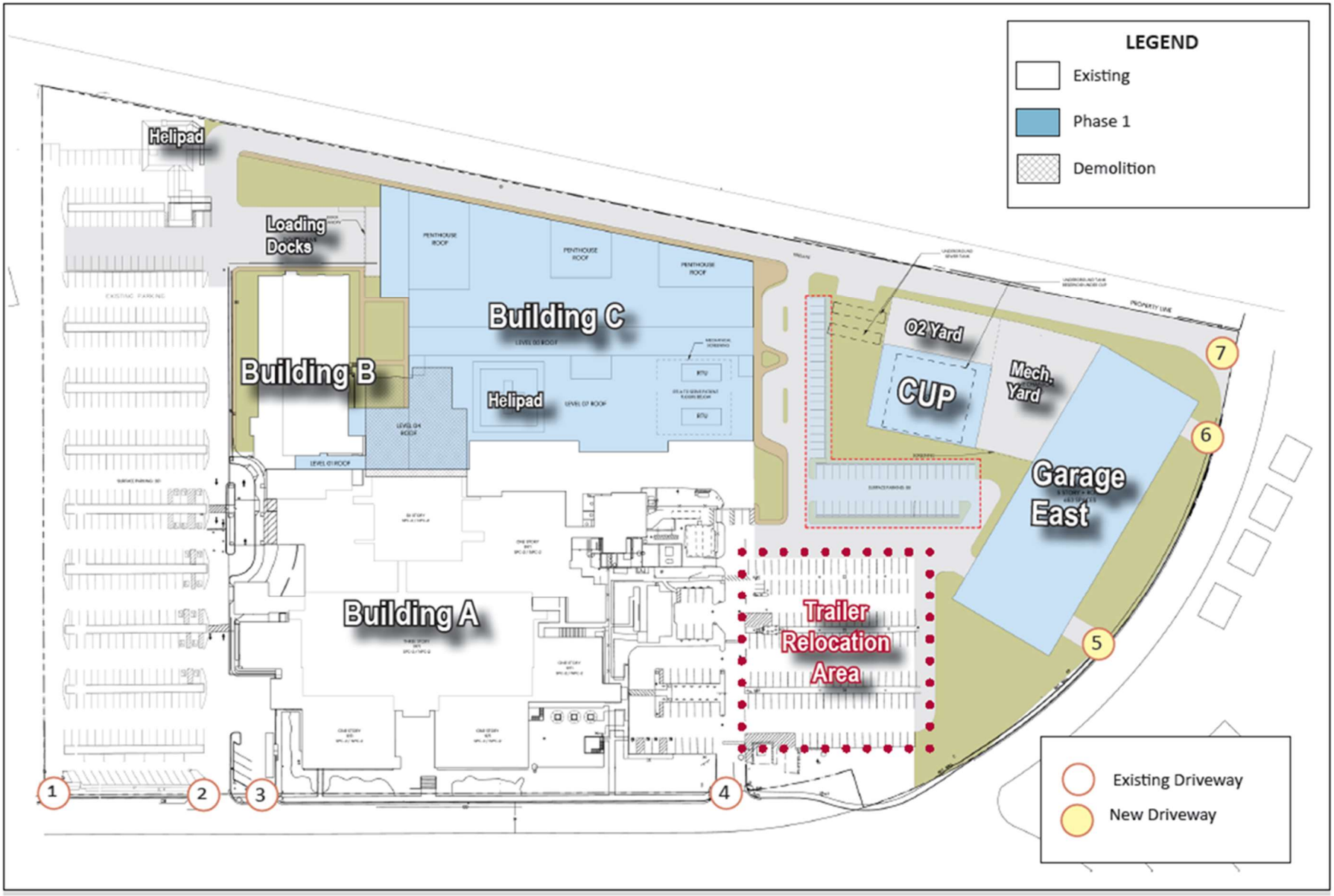


Figure 10: Project Site Plan – Phase 2 Conditions

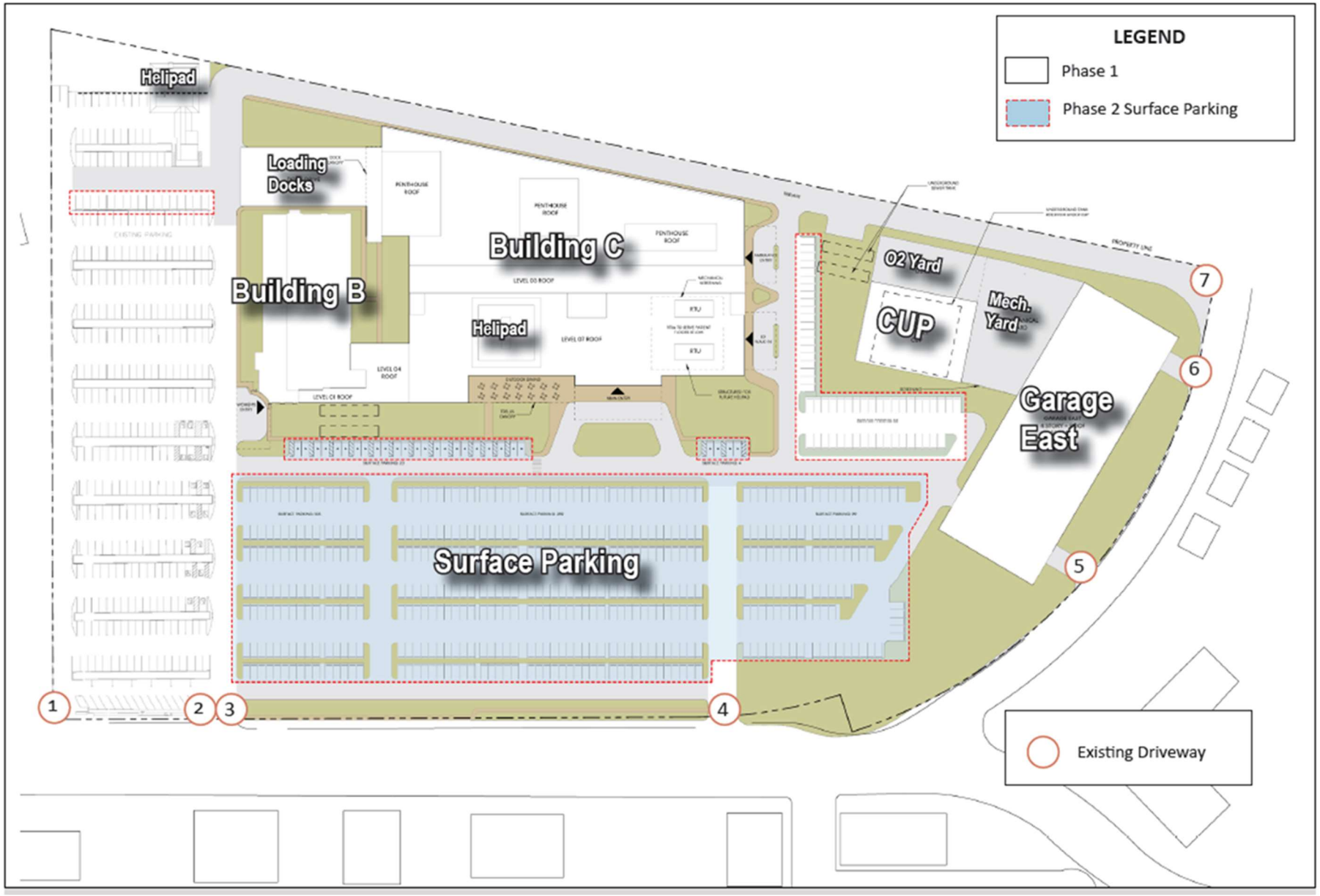
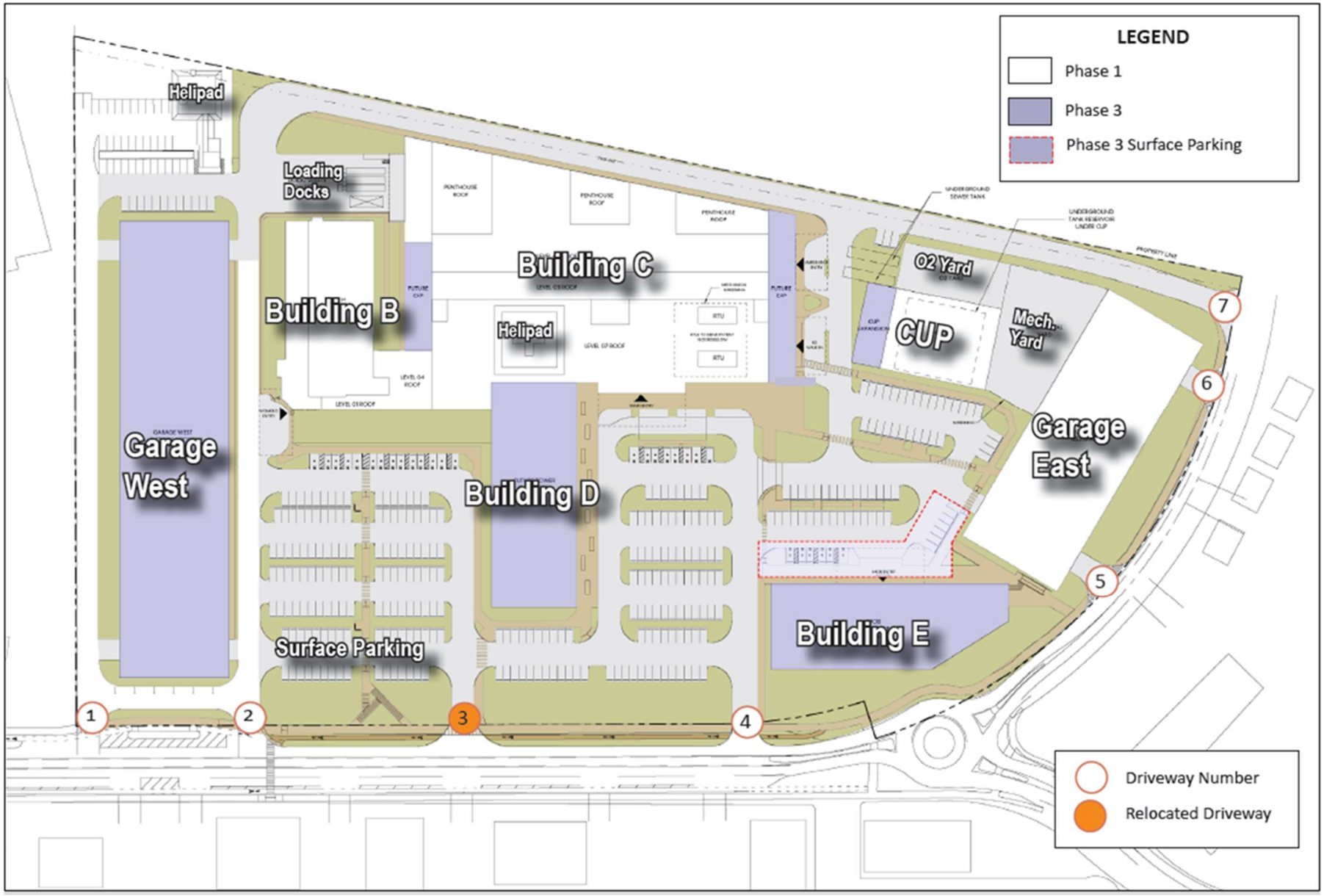


Figure 11: Project Site Plan – Phase 3 (Buildout) Conditions



3.2 Project Trip Generation

A trip is defined as a single or one-directional vehicle movement in either the origin or destination at the Project site. In other words, a trip can be either "to" or "from" the site. In addition, a single customer visit to a site is counted as two trips (i.e., one to and one from the site). Daily, AM, and PM peak hour trips for the Project were calculated with average trip rates. The following Institute of Transportation Engineers (ITE), 11th Edition land uses were conservatively applied to the proposed Good Samaritan Hospital development:

- ITE 610 Hospital – 419 Beds
- ITE 720 Medical-Dental Office Building – 200,000 square feet medical office building

Per the per the 2023 Transportation Analysis Handbook, trip generation reduction credits can be applied to the Project. An internal capture reduction was not applied for a conservative scenario. A location-based mode share trip reduction credit was applied. This adjustment is a function of multimodal connectivity and accounts for greater mode share for Projects located in urban or transit developed areas. From Table 16 and Table 17 of the 2023 Transportation Analysis Handbook, the Project location is designated as an "Urban Low-Transit" place with a vehicle mode share of 91 percent for office/industrial land uses. A 9% mode share trip reduction credit was applied to the Project.

It should be noted that even though the Project's square footage increases during Phase 1 and Phase 3 (Buildout) conditions, it does not directly relate to increase in number of hospital beds, as the proposed Project increases the number of square feet per bed to the existing square feet per bed. The main reason for this is because Department of Health Care Access and Information (HCAI) requirements for hospitals changed for patient treatment and experience. The following is a short summary of these changes.

- Hospital design standards governed by HCAI have changed, requiring increased areas for services.
- The current hospital has multi-patient rooms; the Project would create single-patient rooms within the expansion areas.
- There is an increase in room-size square feet per patient bed to accommodate mobile equipment and monitoring stations.
- Additional area requirements for equipment use, laboratories, physical therapy, accommodations for visiting families.

In coordination with the City Staff (refer to *Trip Generation Assumptions Memo* submitted to the City on April 12, 2023), hospital bed was approved as a variable unit for ITE 610 Hospital land use to estimate Project trips for project conditions.

Phase 1 Trip Generation Estimates

During Phase 1, the Project will demolish approximately 220,946 square feet of existing hospital main building (Building A) and construct a new approximately 548,000 square foot hospital wing (Building C). The existing 6,700 square foot daycare center will also be demolished and a new five-story parking garage (Garage East) with 653 parking spaces will be constructed. During Phase 1, the Project will increase the number of currently licensed 404 Beds to 413 Beds. For conservative scenario, no credits were taken for the existing hospital demolition.

For a conservative scenario, all 419 beds were assumed to be operational by end of Phase 1. Baseline vehicle trips for Phase 1 Project (excluding trip adjustments) are anticipated to generate a gross total of 9,352 daily trips, 750 AM peak hour trips, and 708 PM peak hour trips. With all applicable trip reductions (location-based adjustment of 9%, VMT reductions, and existing driveway trip credits), the Phase 1 Project is anticipated to generate a total of 3,266 daily trips, 196 AM peak hour trips (165 In / 31 Out), and 197 PM peak hour trips (25 In / 172 Out). Trip generation estimates for Phase 1 are shown in **Table 5** below.

Table 5: Phase 1 Trip Generation Estimates

LAND USE / DESCRIPTION	PROJECT SIZE	TOTAL DAILY TRIPS	AM PEAK TRIPS			PM PEAK TRIPS		
			TOTAL	IN	/ OUT	TOTAL	IN	/ OUT
Trip Generation Rates (ITE 11th Edition)								
Hospital [ITE 610]	Per Beds	22.32	1.79	72%	/ 28%	1.69	33%	/ 67%
Medical-Dental Office Building [ITE 720]	Per KSF	31.86	2.68	81%	/ 19%	2.84	25%	/ 75%
Development: Campus Expansion (Good Samaritan) - Interim (Phase 1 and Phase 2)								
Hospital Campus (including CUP)	419.00 Beds	9,352	750	540	/ 210	708	234	/ 474
Driveway Counts (Operational Beds)	323.00 Beds	(5,104)	(477)	(317)	/ (160)	(438)	(185)	/ (253)
Interim Project Trips (Prior to adjustments)		**4,248**	**273**	**223**	**/ 50**	**270**	**49**	**/ 221**
Location Based Mode Share Adjustments								
Urban Low-Transit Reduction (Mode Share)	-9%	(383)	(25)	(20)	/ (5)	(25)	(5)	/ (20)
Project Vehicle Trips After Reduction		**3,865**	**248**	**203**	**/ 45**	**245**	**44**	**/ 201**
Project Trip Adjustments								
VMT Vehicle-Trip Reduction (Hospital Employee and Patients/Visitors)		(599)	(52)	(38)	/ (14)	(48)	(19)	/ (29)
Net Project Vehicle Trips		**3,266**	**196**	**165**	**/ 31**	**197**	**25**	**/ 172**

Notes:

Land Uses assumed based on revised project description as per latest site plan (Dated 16 March 2023)

Daily, AM, and PM trips based on average land use rates from the Institute of Traffic Engineers Trip Generation 11th Edition

A 9% Mode Share Reduction from San Jose Transportation Analysis Handbook 2023 was applied since the project is located in an "Urban Low-Transit" area. Mode share reduction was applied to Medical Office Building only.

Existing driveway count data was collected on 8 November 2022. It should be noted that the existing driveway counts corresponds to 323 Operational Beds and the Hospotal is currently entitled to 404 Licensed Beds. For a conservative trip estimate, no adjustments were made to existing driveway count data to reflect the current entitlement.

The Project VMT reductions are taken from Table 13 and Table 14 of the Good Samaritan TA report.

Phase 2 Trip Generation Estimates

During Phase 2, the Project will demolish remaining portion existing hospital main building (Building A) to allow for access to the new hospital (Building C) and replace it with surface parking. While there will be redistribution of the trips internally within the site, no additional trips will be added during Phase 2 of the Project.

Phase 3 (Buildout) Trip Generation Estimates

During Phase 3 (Buildout), the Project will construct an approximately 202,000 square foot hospital wing (Building D), an approximately 200,000 square foot medical office building (Building E), and a new five-story garage structure (Garage West) with 1,154 parking spaces. The construction of the approximately 202,000 square foot hospital wing corresponds to an additional 6 licensed beds for a total of 419 licensed beds.

During Phase 3 (Buildout), baseline vehicle trips for the Project (excluding trip adjustments) are anticipated to generate a gross total of 15,724 daily trips, 1,286 AM peak hour trips, and 1,276 PM peak hour vehicle trips. Development of the Project with all applicable trip reductions (location-based adjustment of 9%, VMT reduction, and existing driveway counts) is anticipated to generate a net total of 6,762 additional daily trips, 489 AM peak hour trips (409 In / 80 Out), and 516 PM peak hour trips (95 In / 421 Out) to the roadway network. Trip generation estimates for Phase 3 (Buildout) are shown in **Table 6** below.

Table 6: Phase 3 (Buildout) Trip Generation Estimates

LAND USE / DESCRIPTION	PROJECT SIZE	TOTAL DAILY TRIPS	AM PEAK TRIPS			PM PEAK TRIPS		
			TOTAL	IN	/ OUT	TOTAL	IN	/ OUT
Trip Generation Rates (ITE 11th Edition)								
Hospital [ITE 610]	Per Beds	22.32	1.79	72%	/ 28%	1.69	33%	/ 67%
Medical-Dental Office Building [ITE 720]	Per KSF	31.86	2.68	81%	/ 19%	2.84	25%	/ 75%
Development: Campus Expansion(Good Samaritan) + MOB - Phase 3 (Buildout)								
Hospital Campus (including CUP)	419.00 Beds	9,352	750	540	/ 210	708	234	/ 474
Driveway Counts (Operational Beds)	323.00 Beds	(5,104)	(477)	(317)	/ (160)	(438)	(185)	/ (253)
Medical Office Building	200.00 KSF	6,372	536	434	/ 102	568	142	/ 426
Buildout Project Vehicle Trips (Prior to adjustments)		**10,620**	**809**	**657**	**/ 152**	**838**	**191**	**/ 647**
Location Based Mode Share Adjustments								
Urban Low-Transit Reduction (Mode Share)	-9%	(956)	(73)	(60)	/ (13)	(76)	(18)	/ (58)
Project Vehicle Trips After Reduction		**9,664**	**736**	**597**	**/ 139**	**762**	**173**	**/ 589**
Project Trip Adjustments								
VMT Vehicle-Trip Reduction (Hospital Employee and Patients/Visitors)		(2,902)	(247)	(188)	/ (59)	(246)	(78)	/ (168)
Net Project Vehicle Trips		**6,762**	**489**	**409**	**/ 80**	**516**	**95**	**/ 421**

Notes:

Land Uses assumed based on revised project description as per latest site plan (Dated 16 March 2023)

Daily, AM, and PM trips based on average land use rates from the Institute of Traffic Engineers Trip Generation 11th Edition

A 9% Mode Share Reduction from San Jose Transportation Analysis Handbook 2023 was applied since the project is located in an "Urban Low-Transit" area.

Existing driveway count data was collected on 8 November 2022. It should be noted that the existing driveway counts corresponds to 323 Operational Beds and the Hospotal is currently entitled to 404 Licensed Beds. For a conservative trip estimate, no adjustments were made to existing driveway count data to reflect the current entitlement.

The Project VMT trip adjustments are from Table 13 and Table 14 of the Good Samaritan TA report.

3.3 Project Trip Distribution and Assignment

Regional access to the Project site will be via SR-85 and SR-17. Trip distribution and assignment for the Project was assumed based on the Project driveway location, the freeway ramp locations, community characteristics, existing traffic counts, and professional engineering judgement. Project trips to and from the site are anticipated to access the following regional facilities and destinations with the estimated trip distribution percentages are shown in **Figure 12** and in **Table 7** below.

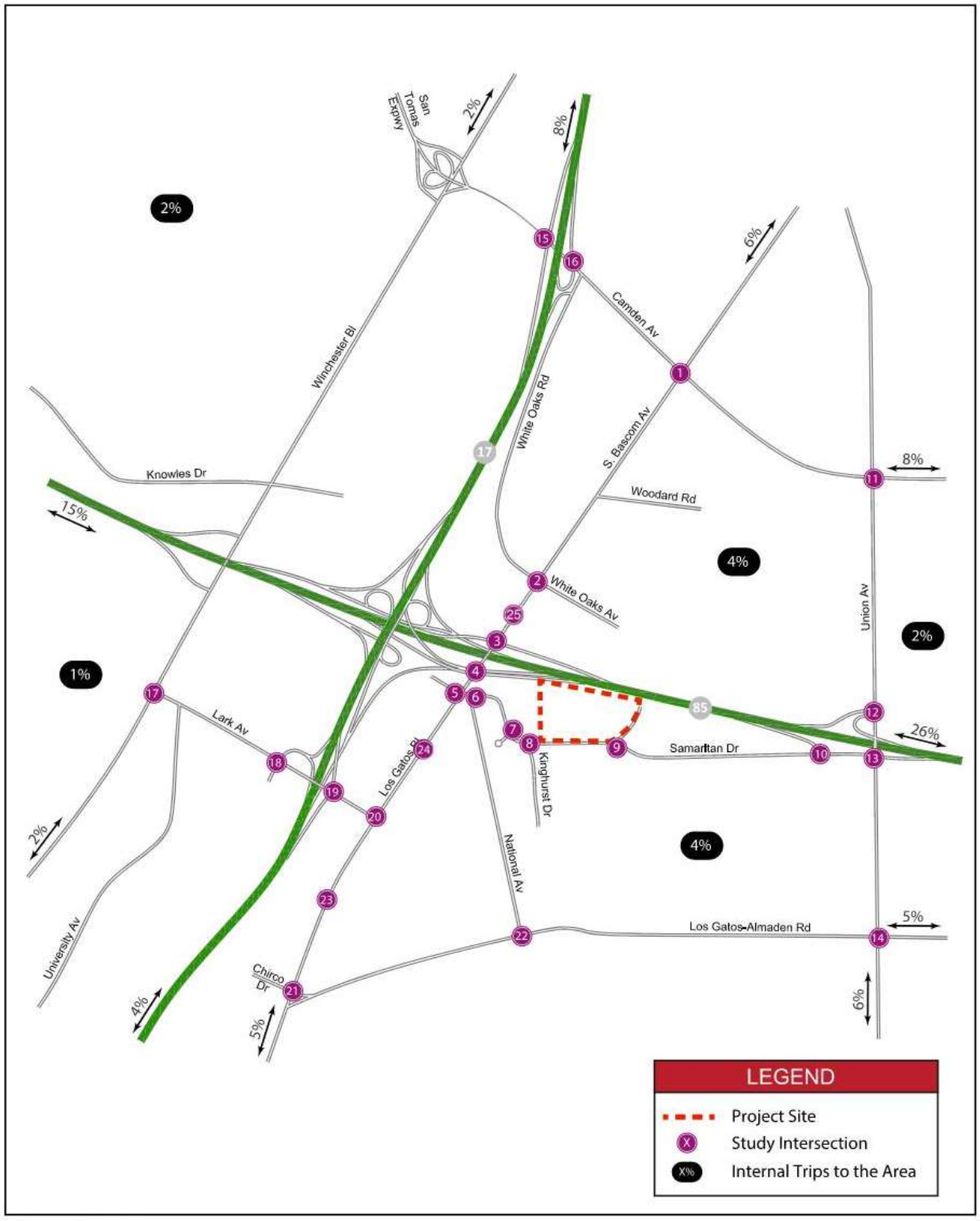
Table 7: Project Trip Distribution

Location	Roadway Origin / Destination	Inbound Trip Distribution (%)	Outbound Trip Distribution (%)
A	SR-17 North	8%	8%
B	SR-17 South	4%	4%
C	SR-85 North	15%	15%

Location	Roadway Origin / Destination	Inbound Trip Distribution (%)	Outbound Trip Distribution (%)
D	SR-85 South	26%	26%
E	Winchester Blvd. North	2%	2%
F	Winchester Blvd. South	2%	2%
G	Bascom Ave. North	6%	6%
H	Los Gatos Blvd. South	5%	5%
I	Los Gatos – Almaden Rd. East	5%	5%
J	Union Ave. South	6%	6%
K	Camden Ave. East	8%	8%
L	Carlton Neighborhood	4%	4%
M	Ponderosa/Parker/Farnham Neighborhood	4%	4%
N	Cambrian Park / Oster Neighborhood	2%	2%
O	Monte Sereno / Austin Neighborhood	1%	1%
P	San Thomas Neighborhood	2%	2%

The net Project trip assignments for Phase 1 and Phase 3 (Buildout) are shown in **Figure 13** and **Figure 14**. The trip assignment shown represents the shortest paths to and from the Project site under ideal traffic conditions.

Figure 12: Project Trip Distribution



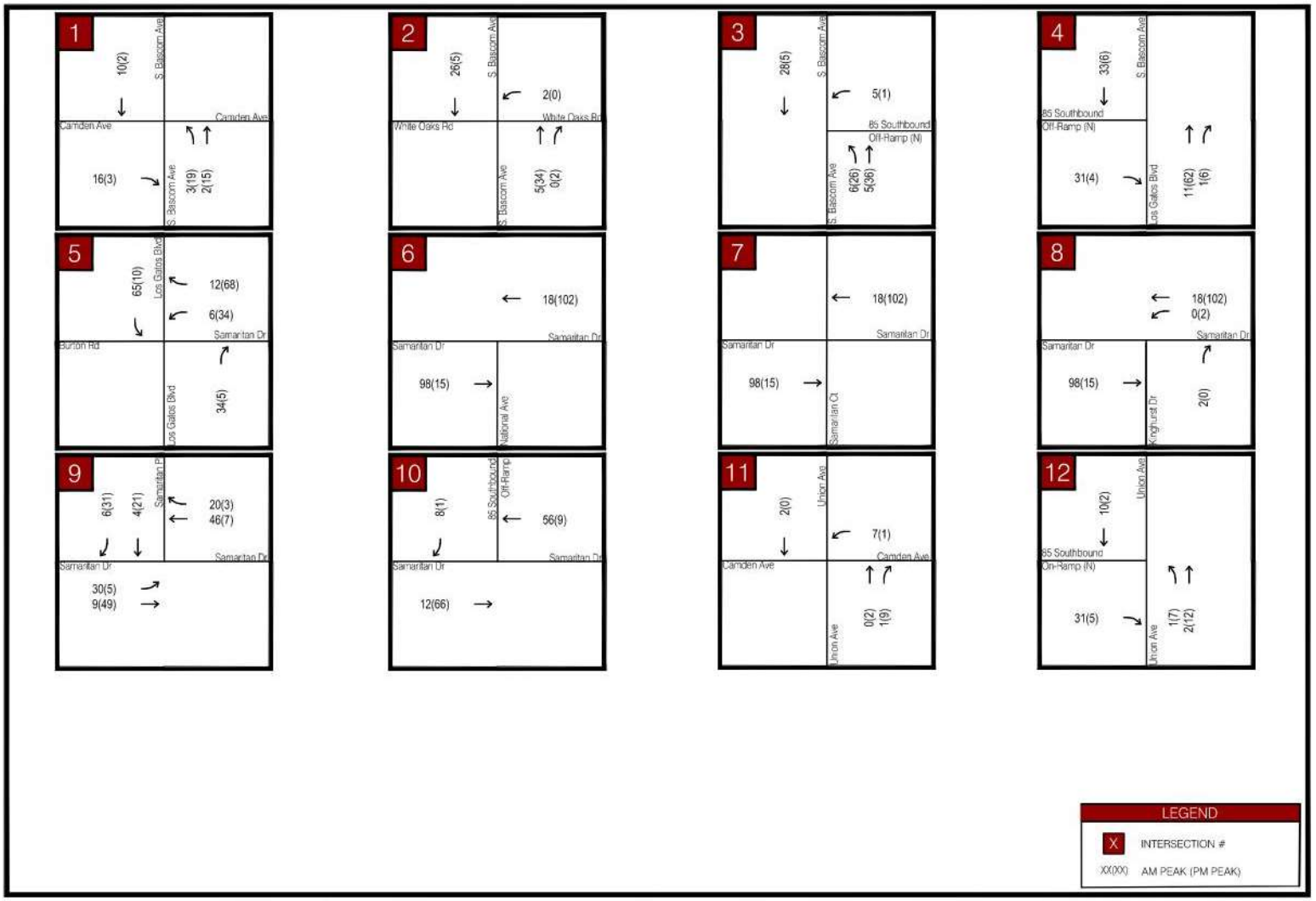
Source: Kimley-Horn, 2022

Trip Distribution
GOOD SAMARITAN HOSPITAL

Not to scale

Kimley»Horn
Expect More. Experience Better.

Figure 13: Project Trip Assignment – Phase 1



Kimley»Horn

Project Trip Assignment Phase 1 Conditions- Weekday AM(PM) Peak Hour Volumes
(Sheet 1 of 2)

March 2024

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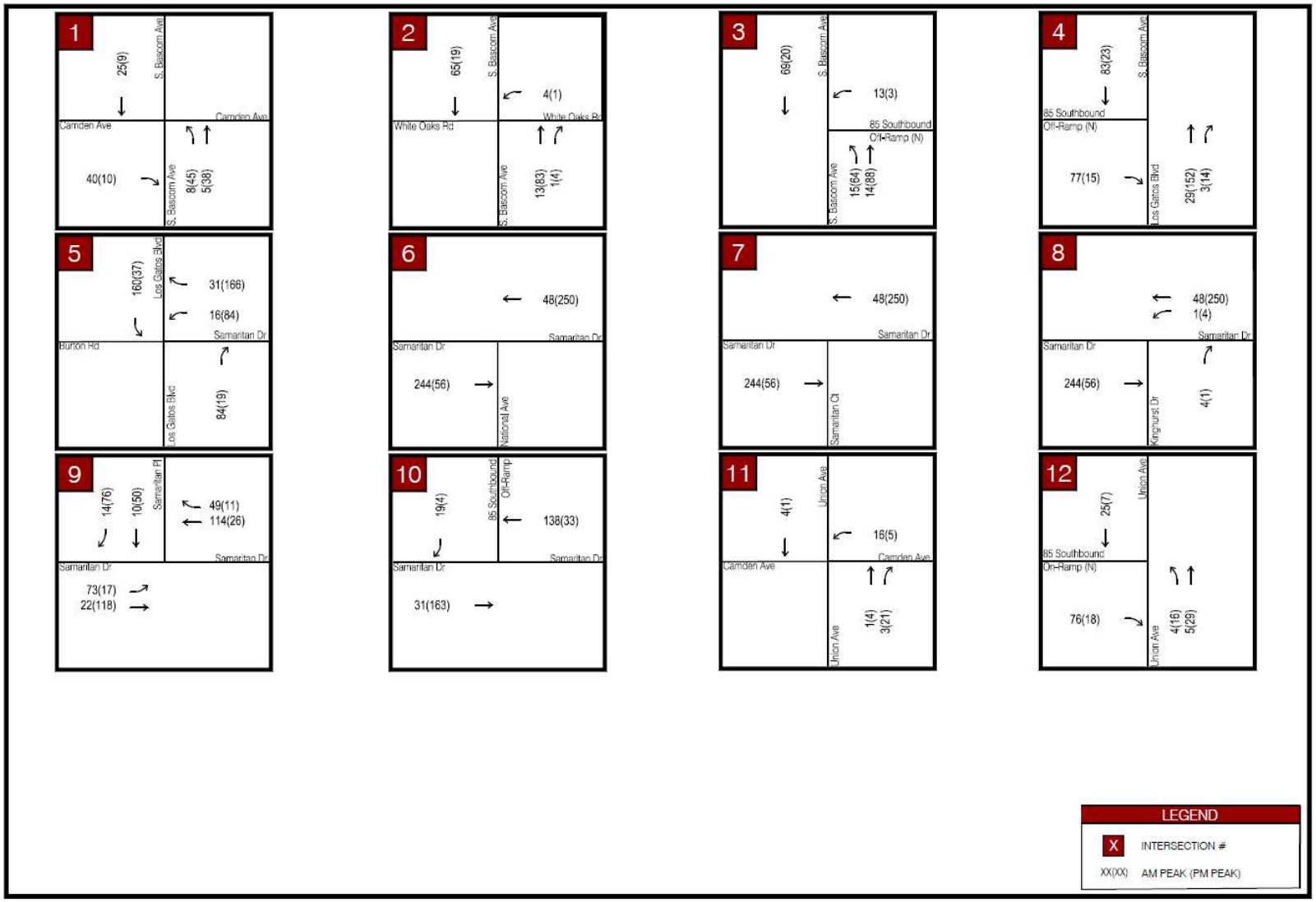
Kimley»Horn

Project Trip Assignment Phase 1 Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 2 of 2)

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Figure 14: Project Trip Assignment – Phase 3 (Buildout)



Kimley»Horn Project Trip Assignment Phase 3 (Buildout) Conditions - Weekday AM(PM) Peak Hour Volumes (Sheet 1 of 2)

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Kimley»Horn Project Trip Assignment Phase 3 (Buildout) Conditions - Weekday AM(PM) Peak Hour Volumes (Sheet 2 of 2)

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4. CEQA TRANSPORTATION ANALYSIS

This chapter describes the CEQA transportation analysis, including the VMT threshold of significance, the Project-level VMT impact analysis results, mitigation measures to reduce a VMT impact, and the cumulative transportation impact analysis used to determine consistency with the City's General Plan.

The City of San José has adopted the San José VMT Evaluation Tool ("VMT tool") to assess a Project's potential VMT based on the Project's description, location, and attributes. For most residential, office, and industrial Projects, the VMT tool is the approved method to calculate Project VMT. For non-residential or non-office Projects, very large Projects, or Projects that can potentially shift travel patterns, such as the proposed hospital expansion, the VMT tool would not be appropriate or adequate for the CEQA transportation analysis. In such cases, the San José Travel Demand Model ("CSJ model") should be used. In coordination with the City Staff, it was agreed that the CSJ model would be used to calculate the change in VMT resulting from the proposed hospital expansion, using the methodology described below.

4.1 Methodology

The purpose of this analysis of the proposed hospital expansion is to determine if adding these medical services at 2425 Samaritan Drive and 2333 Samaritan Place would reduce or increase VMT. The premise is that the hospital expansion would not cause an *increase* in the number of trips but instead result in a change in trip-making because adding hospital beds and a medical office building does not mean that more people will be seeking medical care. Therefore, it is assumed that some employees would leave their jobs at other hospitals and find employment at the hospital expansion. Likewise, patients are assumed to find treatment at the proposed Project instead of going to other hospitals in the region, as such shifts occur by hospital visitors and patients of the new medical office building.

As discussed earlier, Phase 1 includes the construction of a new 548,444 square foot 413 bed hospital. Phase 2 of the project demolishes the remaining portion of the existing hospital building and replace it with surface parking. Phase 3 incudes the construction of a 201,936 square foot hospital expansion with a total of 419 beds and the addition of a 200,000 square foot MOB.

The CEQA transportation analysis which provides an evaluation of VMT, looked at a conservative scenario for Phase 1 by assuming all 419 licensed beds are operational by end of Phase 1. Phase 3 (Buildout) includes VMT evaluation of 419 licensed beds and 200 KSF of MOB. No VMT analysis was conducted for Phase 2 at no traffic is generated.

The CSJ model uses employment to estimate trip-making associated with the proposed Project. Therefore, the 15 hospital beds (for a total of 419 Licensed Beds) and the 200,000 square feet of medical office building were converted to jobs using data contained in the Institute of Transportation Engineers Trip Generation Manual. It should be noted that the current Good Samaritan Hospital is licensed for 404 beds, which increases to 419 beds with Project Buildout (i.e., an increase of 15 hospital. Based on trip generation estimates of a Hospital [ITE Code 610], 15 hospital beds would generate the same number of trips as 89 hospital employees. Similarly, traffic generation of the 200,000 square feet of medical office [ITE Code 720] is equivalent to traffic generated by 869 medical office jobs. To model the changes in VMT for Phase 1, the 15 additional hospital beds would increase the jobs at 2425 Samaritan Drive by 89. As identified earlier, Phase 2 of the Project involves the demolition of the remaining existing hospital building and does not add any additional hospital beds. Therefore, no VMT analysis was conducted for

Phase 2 conditions. Phase 3 (Buildout) of the Project would add 200,000 square feet of medical office to the site, which generates the same number of daily vehicles as 869 medical office workers. Phase 3 (Buildout) would increase the jobs at the site by 89+869=958.

Since it is assumed that the total number of trips would not change, City staff provided five hospitals with medical office facilities in Santa Clara County from which jobs should be shifted to the proposed Project site:

- Kaiser Permanente Medical Offices (Traffic Analysis Zone (TAZ) 926)
- Santa Clara Valley Medical Center (TAZs 795, 3033, and 3034)
- O'Connor Hospital (TAZ 775)
- Kaiser Permanente Santa Clara (TAZ 95)
- El Camino Health Los Gatos Hospital (TAZ 7)

4.2 Phase 1 VMT Analysis

Hospital trips are estimated in the model using service employment as the trip generator. For the VMT analysis of Phase 1, the 89 service jobs reflecting the hospital expansion were added to the Project TAZ 623 and removed from the TAZs where the five hospitals are located, directly proportional to their size and inversely proportional to the distance squared from the Project site. **Table 8** presents the calculations of the shifts in service jobs between the TAZs.

Table 8: Service Employment Reduction [89 Jobs] At Other Hospitals

TAZ	Distance to TAZ 623 (mls)	1 / Distance^2	Normalized [A]	No Project Service Employment	Normalized [B]	Factor [A]*[B]	Normalized [C]	Service Employment Reduction [C]*89
7	3.95	0.06	0.34	1,317	0.18	0.06	0.37	-33
95	9.29	0.01	0.06	212	0.03	0.00	0.01	-1
775	8.03	0.02	0.08	1,154	0.16	0.01	0.08	-7
795	5.93	0.03	0.15	551	0.08	0.01	0.07	-6
926	8.62	0.01	0.07	116	0.02	0.00	0.01	-1
3033	5.88	0.03	0.15	69	0.01	0.00	0.01	-1
3034	5.92	0.03	0.15	3,741	0.52	0.08	0.46	-41

The CSJ model was run without (No Project scenario) and with (Project Phase I scenario) these employment shifts. Daily work VMT for the employees, with and without the Project, was calculated for the hospital personnel. Trips made by hospital visitors are reflected in the model as "other" trips. Daily VMT for those trips for both scenarios were calculated for the other (non-work) trips. These data are presented in **Table 9**.

Table 9: No Project and Phase 1 Project VMT Characteristics and Estimates

VMT Characteristics	No Project	Project Phase 1	Project-No Project	
			Absolute Change	Percent Change
Daily Work (Employees) VMT	240,569	240,616	47	0.02%
Daily Other (Patients and Visitors) VMT	73,798	73,894	96	0.13%
Total Daily VMT	314,367	314,510	143	0.05%
Number of Jobs	15,567	15,567	0	0.00%
Daily Work VMT/Job	15.45	15.46	0.01	0.02%
Daily Other VMT/Job	4.74	4.75	0.01	0.13%
Daily VMT/Job	20.19	20.20	0.01	0.05%

The VMT analysis shows that Phase 1 of the proposed Project would increase the daily VMT for employees by 47 daily trips from 240,569 to 240,616 (or 0.02%) and patients/visitors by 96 daily trips from 73,798 to 73,894 (or 0.13%). The total increase in daily VMT caused by Phase 1 of the proposed Project would be 143 (or 0.05%). The total increase in daily VMT caused by Phase 1 would be 143 daily trips from 314,367 to 314,510 (or 0.05%). Since Phase 1 would result in a net increase in daily VMT, a potentially significant impact would occur. Mitigation measures are required to reduce the VMT impact to a less than significant level.

4.3 Phase 3 (Buildout) VMT Analysis

Hospital and medical office trips are estimated in the model using service employment as the trip generator. The 958 service jobs reflecting the hospital (bed) expansion and the added medical office building were added to Project TAZ 623 and removed from the TAZs where the five hospitals and medical office buildings are located, directly proportional to their size and inversely proportional to the distance squared from the Project site. **Table 10** presents the calculations of the shifts in service jobs between the TAZs.

Table 10: Service Employment Reduction [958 Jobs] At Other Hospitals and Medical Office Buildings

TAZ	Distance to TAZ 623 (mls)	1 / Ditance^2	Normalized [A]	No Project Service Employment	Normalized [B]	Factor [A]*[B]	Normalized [C]	Service Employment Reduction [C]*958
7	3.95	0.06	0.34	1,317	0.18	0.06	0.37	-350
95	9.29	0.01	0.06	212	0.03	0.00	0.01	-10
775	8.03	0.02	0.08	1,154	0.16	0.01	0.08	-74
795	5.93	0.03	0.15	551	0.08	0.01	0.07	-65
926	8.62	0.01	0.07	116	0.02	0.00	0.01	-6
3033	5.88	0.03	0.15	69	0.01	0.00	0.01	-8
3034	5.92	0.03	0.15	3,741	0.52	0.08	0.46	-443

The CSJ model was run without (No Project scenario) and with (Phase 3 Buildout Project scenario) these employment shifts. Daily work VMT for the employees, with and without the Project, was calculated for

the hospital and medical office personnel. Trips made by hospital visitors and patients of the medical offices are reflected in the model as "other" trips. Daily VMT for those trips for both scenarios were calculated for the other (non-work) trips. These data are presented in **Table 11**.

Table 11: No Project and Phase 3 (Buildout) Project VMT Characteristics and Estimates

VMT Characteristics	No Project	Project (Phase 3-Buildout)	Project-No Project	
			Absolute Change	Percent Change
Daily Work (Employees) VMT	240,569	242,180	1,611	0.67%
Daily Other (Patients and Visitors) VMT	73,798	74,724	926	1.25%
Total Daily VMT	314,367	316,904	2,537	0.81%
Number of Jobs	15,567	15,567	0	0.00%
Daily Work VMT/Job	15.45	15.56	0.1	0.67%
Daily Other VMT/Job	4.74	4.80	0.06	1.25%
Daily VMT/Job	20.19	20.36	0.16	0.81%

The VMT analysis shows that Phase 3 (Buildout) would increase the daily VMT for employees by 1,611 daily trips from 240,569 to 242,180 (or 0.67%) and for patients/visitors by 926 daily trips from 73,798 to 74,724 (or 1.25%). The total increase in daily VMT caused by the proposed Project would be 2,537 daily trips from 314,367 to 316, 904 (or 0.81%). Since Phase 3 would result in a net increase in daily VMT, a potentially significant impact would occur. Mitigation measures are required to reduce the VMT impact to a less than significant level. See Section 5: Transportation Demand Management (TDM) Plan for additional details.

The VMT analysis memo prepared by Hexagon Transportation Consultants is attached in **Appendix A**.

Based on the Hexagon VMT analysis memo, the proportion of project employee and patient/visitor VMT can be estimated from the total daily VMT results in Table 11. The daily work (employee) VMT accounts for approximately 76.4% of the total daily project VMT while the daily other (patients and visitors) VMT accounts for approximately 23.6% of the total daily project VMT. These proportions were used to determine the VMT reductions and mitigation plans for the employee and patient/visitor groups.

4.4 VMT Reduction and Mitigation Measures

Projects must propose measures to reduce project VMT or mitigate a CEQA transportation impact if identified. Projects may select a combination of measures from the four VMT reduction strategies described in the Transportation Analysis Handbook which include project characteristics, multimodal improvements, parking, and TDM. When project VMT exceeds the thresholds of significance, the project will need to mitigate its CEQA transportation impact.

The San José VMT Evaluation Tool was used to estimate the VMT reduction percentages for the employee and patient/visitor groups the project will generate. The project's proposed hospital and medical office land uses were converted into an equivalent office square footage (ITE Land Use 710 General Office Building) to determine the VMT mitigation plan within the San José VMT Evaluation Tool. Using trip generation rates from the Institute of Transportation Engineers (ITE) *Trip Generation Manual,*

11th Edition, an equivalency table was prepared by converting vehicle trips between the following land uses:

- ITE Land Use 610 – Hospital
- ITE Land Use 720 – Medical-Dental Office Building
- ITE Land Use 710 – General Office Building

Table 12 provides the equivalency analysis between these land uses which is predicated on the number of daily trips from hospital and MOB land use to general office land use.

Table 12: VMT Equivalency Between Hospital and Office Land Uses

LAND USE / DESCRIPTION	PROJECT SIZE		TOTAL DAILY TRIPS
Trip Generation Rates (ITE 11th Edition)			
Hospital [ITE 610]	Per	Beds	22.32
Medical-Dental Office Building [ITE 720]	Per	KSF	31.86
General Office Building [ITE 710]	Per	KSF	10.84
Hospital Only Equivalency Comparison			
Hospital Campus (including CUP)	419.00	Beds	9,352
Driveway Counts from Existing Beds (November 2023)	323.00	Beds	(5,104)
Net Additional Hospital Trips			4,248
Equivalent Trip Conversion General Office Building For VMT	391.86	KSF	4,248
Trip Delta			**0**
Medical Office Building Only Equivalency Comparison			
Medical Office Building	200.00	KSF	6,372
Net Additional MOB Trips			**6,372**
Equivalent Trip Conversion General Office Building For VMT	587.8	KSF	6,372
Trip Delta			**0**
Phase 3 (Buildout) Hospital + MOB Equivalency Comparison			
Hospital Campus (including CUP)	419.00	Beds	9,352
Driveway Counts from Existing Beds (November 2023)	323.00	Beds	(5,104)
Net Additional Hospital Trips			4,248
Medical Office Building	200.00	KSF	6,372
Buildout Project Vehicle Trips			**10,620**
Equivalent Trip Conversion General Office Building For VMT	979.66	KSF	10,620
Trip Delta			**0**

Outputs of the VMT analysis, VMT mitigation measures, and VMT reduction estimates for the project is provided in **Appendix B**.

4.5 Employee VMT Reductions for Daily Work VMT

The employee daily work VMT reduction percentages as per the San José VMT Evaluation Tool and the 2023 Transportation Analysis Handbook for the proposed Project (i.e., Phase 1 and Phase 3 – Buildout), for the measures identified above are shown in **Table 13**.

The following calculations were conducted to determine the employee daily, AM, and PM trip reductions from the VMT reduction strategies shown in Table 13.

- Phase 1 (Hospital Campus 419 Beds)
    - Applied VMT reduction percentages to the entire hospital campus (419 total beds which include existing and project beds). This trip reduction represents Employees, Patients, and Visitors.
    - Converted the trip reduction into Employees only trip reduction using the mode split developed in the Hexagon VMT analysis memo (Employee commute trips represent 76.4% of the total daily project VMT)
- Phase 3 (Hospital Campus 419 Beds plus MOB 200 KSF)
    - Applied VMT reduction percentages to the hospital campus (419 total beds which include existing and project beds) and the MOB. This trip reduction represents Employees, Patients, and Visitors.
    - Converted the trip reduction into Employees only trip reduction using the mode split developed in the Hexagon VMT analysis memo (Employee commute trips represent 76.4% of the total daily project VMT)

Table 13: Employee Net Trip Generation Estimates – With VMT Reductions

LAND USE / DESCRIPTION	PROJECT SIZE	TOTAL DAILY TRIPS	AM PEAK TRIPS			PM PEAK TRIPS		
			TOTAL	IN	/ OUT	TOTAL	IN	/ OUT
Trip Generation Rates (ITE 11th Edition)								
Hospital [ITE 610]	Per Beds	22.32	1.79	72%	/ 28%	1.69	33%	/ 67%
Medical-Dental Office Building [ITE 720]	Per KSF	31.86	2.68	81%	/ 19%	2.84	25%	/ 75%
Development: Campus Expansion(Good Samaritan) + MOB - Phase 3 (Buildout)								
Hospital Campus (including CUP)	419.00 Beds	9,352	750	540	/ 210	708	234	/ 474
Driveway Counts from Existing Beds (November 2023)	323.00 Beds	(5,104)	(477)	(317)	/ (160)	(438)	(185)	/ (253)
Net Additional Hospital Trips		4,248	273	223	/ 50	270	49	/ 221
Medical Office Building	200.00 KSF	6,372	536	434	/ 102	568	142	/ 426
Buildout Project Vehicle Trips [Employee & Patient]		**10,620**	**809**	**657**	**/ 152**	**838**	**191**	**/ 647**
Employee Trip Percentage from Hexagon VMT Memo	76.4%	8,116	618	502	/ 116	640	146	/ 494
Buildout Project Vehicle Trips [Employee Only]		**8,116**	**618**	**502**	**/ 116**	**640**	**146**	**/ 494**
Location Based Mode Share Adjustments								
Urban Low-Transit Reduction (Mode Share - Place Type)	-9%	(956)	(56)	(46)	/ (10)	(58)	(14)	/ (44)
Project Vehicle Trips After Reduction [Employee Only]		**7,160**	**562**	**456**	**/ 106**	**582**	**132**	**/ 450**
Project Trip Adjustments - VMT Reduction % (Hospital - Phase								
TDM ID - PC04 (Increase Employment Density)	-0.80%	(58)	(5)	(4)	/ (1)	(5)	(2)	/ (3)
TDM ID - PK01 (Right-Size Parking Supply)	-2.30%	(165)	(14)	(10)	/ (4)	(13)	(5)	/ (8)
TDM ID - TP04 (Education, Marketing, & Outreach)	-2.00%	(143)	(12)	(9)	/ (3)	(11)	(4)	/ (7)
TDM ID - TP08 (Flexible Work Schedule)	-0.80%	(58)	(5)	(4)	/ (1)	(5)	(2)	/ (3)
TDM ID - TP13 (Ride-Share Program)	-1.10%	(79)	(7)	(5)	/ (2)	(6)	(2)	/ (4)
Trip Adjustment from VMT Reduction (Hospital) [Employee Only]		**(503)**	**(43)**	**(32)**	**/ (11)**	**(40)**	**(15)**	**/ (25)**
Project Trip Adjustments - VMT Reduction % (Hospital+MOB - Phase 3)								
TDM ID - PC04 (Increase Employment Density)	-1.90%	(229)	(19)	(15)	/ (4)	(19)	(6)	/ (13)
TDM ID - MI01 (Bike Mobility Network Improvements)	-0.02%	(3)	(1)	(1)	/ 0	(1)	(1)	/ 0
TDM ID - MI02 (Network Connectivity Design Improvements)	-3.00%	(361)	(30)	(23)	/ (7)	(30)	(9)	/ (21)
TDM ID - MI03 (Transit Network Improvements)	-1.60%	(193)	(16)	(12)	/ (4)	(16)	(5)	/ (11)
TDM ID - MI04 (Residential Street Improvements)	-2.00%	(241)	(20)	(15)	/ (5)	(20)	(6)	/ (14)
TDM ID - MI05 (Pedestrian Network Improvements)	-2.00%	(241)	(20)	(15)	/ (5)	(20)	(6)	/ (14)
TDM ID - PK01 (Right-Size Parking Supply)	-3.30%	(397)	(33)	(25)	/ (8)	(33)	(10)	/ (23)
TDM ID - PK02 (Bike Parking Facilities)	-1.10%	(133)	(11)	(9)	/ (2)	(11)	(4)	/ (7)
TDM ID - TP04 (Education, Marketing, & Outreach)	-2.00%	(241)	(20)	(15)	/ (5)	(20)	(6)	/ (14)
TDM ID - TP08 (Flexible Work Schedule)	-0.80%	(97)	(8)	(6)	/ (2)	(8)	(3)	/ (5)
TDM ID - TP13 (Ride-Share Program)	-1.10%	(133)	(11)	(9)	/ (2)	(11)	(4)	/ (7)
Trip Adjustment from VMT Reduction (Hospital+MOB) [Employee Only]		**(2,269)**	**(189)**	**(145)**	**/ (44)**	**(189)**	**(60)**	**/ (129)**
Net Project Vehicle Trips (Hospital+MOB - Phase 3) [Employee Only]		**4,891**	**373**	**311**	**/ 62**	**393**	**72**	**/ 321**

Notes:

Land Uses assumed based on revised project description as per latest site plan.

Daily, AM, and PM trips based on average land use rates from the Institute of Traffic Engineers Trip Generation 11th Edition

ITE trip generation rates include employee and patient/visitor trips. The number employee only trips (commute end-use) for VMT analysis was determined by the proportion of Daily Work VMT/Job from Table 4 of the VMT Analysis Samaritan Hospital Expansion Memo by Hexagon (December 2023). Assumed 76.4% of Hospital Campus and Medical Office Building trips are generated from Commute-End Uses.

A 9% Mode Share Reduction from San Jose Transportation Analysis Handbook 2023 was applied since the project is located in an "Urban Low-Transit" area. Mode share reduction was applied to both Hospital and Medical Office Building.

VMT Reduction percentages were determined from the San Jose VMT Evaluation Tool and Transportation Analysis Handbook 2023. It should be noted that the VMT reduction percentages in the VMT Tool are an estimation and there is a range (overestimation/underestimaton) of how effective a TDM measure can reduce VMT.

Existing driveway count data was collected on 8 November 2022. Peak hour inbound and outbound volumes from driveway counts from all existing driveways are shown in the table above. Driveway Counts reflect 323 Existing Beds

Hospital – Phase 1

[PC04] Increase Employment Density

The corresponding VMT percent reduction for this measure is 0.8% based on the location, land use type, and size of the project. This VMT percent reduction was applied to the proposed Project (Hospital trips).

[PK01] Right-Size Parking Supply

The corresponding VMT percent reduction for this measure is 2.3% based on the number of parking spaces provided. This VMT percent reduction was applied to the proposed Project (Hospital trips).

[TP04] Provide Education, Marketing, and Outreach

The corresponding VMT percent reduction for this measure is 2.0%. Fifty-percent (50%) employee participation (administrative/office staff) was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital trips).

[TP08] Provide Flexible Work Schedule

The corresponding VMT percent reduction for this measure is approximately 0.8%. A 4-day/40-hour/1 week work schedule with 5% participation of total hospital staff (only Admin staff could participate) was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital trips).

[TP13] Provide Ride-Share Program

The corresponding VMT percent reduction for this measure is approximately 1.1%. A 2% minimum employee participation was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital trips).

Total Phase 1 Employee VMT Reduction

As identified earlier in **Section 4.2** & **4.3**, the total increase in Daily Work (Employee) VMT caused by the Phase 1 Project would be 0.02%, which corresponds to 47 employee daily trips. This is a potentially significant transportation impact, which will be fully mitigated through implementation of the measures above. As shown in **Figure 13**Error! Reference source not found. above, with implementation of the measures for Phase 1 Conditions, a potential VMT trip reduction of 7% or 503 employee daily trips will be achieved, which is 456 employee daily trips more than the required mitigation.

Hospital + MOB – Phase 3 (Buildout)

[PC04] Increase Employment Density

The corresponding VMT percent reduction for this measure is 1.9% based on the location, land use type, and size of the project. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI01] Provide Bike and Micro-mobility Network Improvements:

In coordination with City staff, the Project will construct a road diet and traffic calming features along Samaritan Drive between Samaritan Court to Samaritan Place to enhance multi-modal access and safety. This improvement would reduce the number of vehicle travel lanes from 5-lanes to 3-lanes, provide curb extensions, ADA compliant ramps, and protected Class VI bikeways beyond the Project frontage.

The corresponding VMT percent reduction for this measure is approximately 0.02%. A 20% bike access improvement is assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI02] Provide Network Connectivity Design Improvements

The corresponding VMT percent reduction for this measure is approximately 3%. The project will be increasing multimodal connectivity by providing an additional bike and pedestrian crossing across Samaritan Drive with the proposed intersection and roadway improvements along the project frontage. An increase from four (4) to five (5) pedestrian crossings within ¼ mile of the project along Samaritan Drive was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI03] Provide Transit Network Improvements

In coordination with City and VTA staff, the Project will construct new bus shelters at the transit stop along Samaritan Dr.

The corresponding VMT percent reduction for this measure is approximately 1.6%. A 20% increase in transit accessibility was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI04] Provide Residential Street Improvements

In coordination with City and VTA staff, the Project will install a roundabout at the Samaritan Pl / Samaritan Drive intersection. This improvement would consist of new striping, bike lane transitions, RRFB crosswalks, shorter pedestrian crossings with refuge medians, and enhanced bus mobility beyond the Project frontage.

The corresponding VMT percent reduction for this measure is approximately 2.0%, as per Table 3.1 of '*Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions' by Cambridge Systematics,* Inc, *2009*. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI05] Provide Pedestrian Network Improvements

In coordination with City staff, the Project will construct a road diet and traffic calming features along Samaritan Drive between Samaritan Court to Samaritan Place to enhance multi-modal access and safety. This improvement would reduce the number of vehicle travel lanes from 5-lanes to 3-lanes, provide curb extensions, ADA compliant ramps, and protected Class VI bikeways beyond the Project frontage.

The corresponding VMT percent reduction for this measure is approximately 2.0% as per Table 3.1 of '*Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions' by Cambridge Systematics,* Inc, *2009*. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[PK01] Right-Size Parking Supply

The corresponding VMT percent reduction for this measure based on the number of parking spaces provided is approximately 3.3%. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[PK02] Provide Bike Parking Facilities

The corresponding VMT percent reduction for this measure is approximately 1.1% for end-of-trip bike facilities' that will be provided by the proposed Project. Examples of end-of-trip include bike parking,

bicycle lockers, showers, and personal lockers. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[TP04] Provide Education, Marketing, and Outreach

The corresponding VMT percent reduction for this measure is approximately 2.0%. Fifty-percent (50%) employee participation was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[TP08] Provide Flexible Work Schedule

The corresponding VMT percent reduction for this measure is approximately 0.8%. A 4-day/40-hour/1 week work schedule with 5% participation of total hospital staff (only Admin staff for Hospital could participate) was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[TP10] Provide Ride-Share Program

The corresponding VMT percent reduction for this measure is approximately 1.1%. A 2% minimum employee participation was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

Total Phase 3 Employee VMT Reduction

As identified earlier in Section 4.2 & 4.3, the total increase in Daily Work (Employee) VMT caused by the Phase 3 (Buildout) Project would be 0.67%, which corresponds to 1,611 employee daily trips. This is potentially significant transportation impact, which will be fully mitigated through implementation of the measures above. As shown in **Table 13** above, with implementation of the measures for Phase 3 (Buildout) Conditions, a potential VMT trip reduction of 18.82% or 2,269 employee daily trips will be achieved, which is 658 employee daily trips more than the required mitigation.

4.6 Patient & Visitor VMT Reductions for Daily Other VMT

The patient and visitor daily other VMT/job reduction percentages as per the San José VMT Evaluation Tool and the 2023 Transportation Analysis Handbook for the proposed Project (i.e., Phase 1 and Phase 3 – Buildout), for the measures identified above are shown in **Table 14**.

The following calculations were conducted to determine the patient and visitor daily, AM, and PM trip reductions from the VMT reduction strategies shown in Table 14.

- Phase 1 (Hospital Campus 419 Beds)
    - Applied VMT reduction percentages to the entire hospital campus (419 total beds which include existing and project beds). This trip reduction represents Employees, Patients, and Visitors.
    - Converted the trip reduction into Patient & Visitor only trip reduction using the mode split developed in the Hexagon VMT analysis memo (Patient & Visitor commute trips represent 23.6% of the total daily project VMT)
- Phase 3 (Hospital Campus 419 Beds plus MOB 200 KSF)
    - Applied VMT reduction percentages to the hospital campus (419 total beds which include existing and project beds) and the MOB. This trip reduction represents Employees, Patients, and Visitors.

- Converted the trip reduction into Patient & Visitor only trip reduction using the mode split developed in the Hexagon VMT analysis memo (Patient & Visitor commute trips represent 23.6% of the total daily project VMT)

Table 14: Patient & Visitor Net Trip Generation Estimates – With VMT Reductions

LAND USE / DESCRIPTION	PROJECT SIZE	TOTAL DAILY TRIPS	AM PEAK TRIPS			PM PEAK TRIPS		
			TOTAL	IN	/ OUT	TOTAL	IN	/ OUT
Trip Generation Rates (ITE 11th Edition)								
Hospital [ITE 610]	Per Beds	22.32	1.79	72%	/ 28%	1.69	33%	/ 67%
Medical-Dental Office Building [ITE 720]	Per KSF	31.86	2.68	81%	/ 19%	2.84	25%	/ 75%
Development: Campus Expansion(Good Samaritan) + MOB - Phase 3 (Buildout)								
Hospital Campus (including CUP)	419.00 Beds	9,352	750	540	/ 210	708	234	/ 474
Driveway Counts from Existing Beds (November 2023)	323.00 Beds	(5,104)	(477)	(317)	/ (160)	(438)	(185)	/ (253)
Net Additional Hospital Trips		4,248	273	223	/ 50	270	49	/ 221
Medical Office Building	200.00 KSF	6,372	536	434	/ 102	568	142	/ 426
Buildout Project Vehicle Trips [Employee & Patient]		**10,620**	**809**	**657**	**/ 152**	**838**	**191**	**/ 647**
Patient Trip Percentage from Hexagon VMT Memo	23.6%	2,504	191	155	/ 36	198	45	/ 153
Buildout Project Vehicle Trips [Patient Only]		**2,504**	**191**	**155**	**/ 36**	**198**	**45**	**/ 153**
Location Based Mode Share Adjustments								
Urban Low-Transit Reduction (Mode Share - Place Type)	-9%	(226)	(18)	(14)	/ (4)	(18)	(5)	/ (13)
Project Vehicle Trips After Reduction [Patient Only]		**2,278**	**173**	**141**	**/ 32**	**180**	**40**	**/ 140**
Project Trip Adjustments - VMT Reduction % (Hospital - Phase								
TDM ID - PK01 (Right-Size Parking Supply)	-2.30%	(51)	(5)	(3)	/ (2)	(4)	(2)	/ (2)
TDM ID - TP04 (Education, Marketing, & Outreach)	-2.00%	(45)	(4)	(3)	/ (1)	(4)	(2)	/ (2)
Trip Adjustment from VMT Reduction (Hospital) [Patient Only]		**(96)**	**(9)**	**(6)**	**/ (3)**	**(8)**	**(4)**	**/ (4)**
Project Trip Adjustments - VMT Reduction % (Hospital+MOB - Phase 3)								
TDM ID - MI01 (Bike Mobility Network Improvements)	-0.02%	(1)	(1)	(1)	/ 0	(1)	(1)	/ 0
TDM ID - MI02 (Network Connectivity Design Improvements)	-3.00%	(112)	(10)	(7)	/ (3)	(10)	(3)	/ (7)
TDM ID - MI03 (Transit Network Improvements)	-1.60%	(60)	(5)	(4)	/ (1)	(5)	(2)	/ (3)
TDM ID - MI04 (Residential Street Improvements)	-2.00%	(75)	(7)	(5)	/ (2)	(7)	(2)	/ (5)
TDM ID - MI05 (Pedestrian Network Improvements)	-2.00%	(75)	(7)	(5)	/ (2)	(7)	(2)	/ (5)
TDM ID - PK01 (Right-Size Parking Supply)	-3.30%	(123)	(11)	(8)	/ (3)	(10)	(3)	/ (7)
TDM ID - PK02 (Bike Parking Facilities)	-1.10%	(41)	(4)	(3)	/ (1)	(4)	(1)	/ (3)
TDM ID - TP04 (Education, Marketing, & Outreach)	-2.00%	(75)	(7)	(5)	/ (2)	(7)	(2)	/ (5)
Trip Adjustment from VMT Reduction (Hospital+MOB) [Patient Only]		**(562)**	**(52)**	**(38)**	**/ (14)**	**(51)**	**(16)**	**/ (35)**
Net Project Vehicle Trips (Hospital+MOB - Phase 3) [Patient Only]		**1,716**	**121**	**103**	**/ 18**	**129**	**24**	**/ 105**

Notes:

Land Uses assumed based on revised project description as per latest site plan.

Daily, AM, and PM trips based on average land use rates from the Institute of Traffic Engineers Trip Generation 11th Edition

ITE trip generation rates include employee and patient/visitor trips. The number patient only trips (visitor end-use) for VMT analysis was determined by the proportion of Daily Other VMT/Job from Table 4 of the VMT Analysis Samaritan Hospital Expansion Memo by Hexagon (December 2023). Assumed 23.6% of Hospital Campus and Medical Office Building trips are generated from Visitor-End Uses.

A 9% Mode Share Reduction from San Jose Transportation Analysis Handbook 2023 was applied since the project is located in an "Urban Low-Transit" area. Mode share reduction was applied to both Hospital and Medical Office Building.

VMT Reduction percentages were determined from the San Jose VMT Evaluation Tool and Transportation Analysis Handbook 2023. It should be noted that the VMT reduction percentages in the VMT Tool are an estimation and there is a range (overestimation/underestimaton) of how effective a TDM measure can reduce VMT.

Existing driveway count data was collected on 8 November 2022. Peak hour inbound and outbound volumes from driveway counts from all existing driveways are shown in the table above. Driveway Counts reflect 323 Existing Beds

Hospital – Phase 1

[PK01] Right-Size Parking Supply

The corresponding VMT percent reduction for this measure is 2.3% based on the number of parking spaces provided. This VMT percent reduction was applied to the proposed Project (Hospital trips).

[TP04] Provide Education, Marketing, and Outreach

The corresponding VMT percent reduction for this measure is 2.0%. Fifty-percent (50%) visitor/patient participation was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital trips).

Total Phase 1 Patient & Visitor VMT Reduction

As identified earlier in **Section 4.2** & **4.3**, the total increase in Daily Other (Patients and Visitors) VMT caused by the Phase 1 Project would be 0.13%, which corresponds to 96 patients/visitor daily trips. This is a potentially significant transportation impact, which will be fully mitigated through implementation of the measures above. As shown in **Table 14** above, with implementation of the measures for Phase 1 Conditions, a potential VMT trip reduction of 4.3% or 96 patients/visitor daily trips will be achieved, which would equal the required mitigation.

Hospital + MOB – Phase 3 (Buildout)

[MI01] Provide Bike and Micro-mobility Network Improvements:

In coordination with City staff, the Project will construct a road diet and traffic calming features along Samaritan Drive between Samaritan Court to Samaritan Place to enhance multi-modal access and safety. This improvement would reduce the number of vehicle travel lanes from 5-lanes to 3-lanes, provide curb extensions, ADA compliant ramps, and protected Class VI bikeways beyond the Project frontage.

The corresponding VMT percent reduction for this measure is approximately 0.02%. A 20% bike access improvement is assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI02] Provide Network Connectivity Design Improvements

The corresponding VMT percent reduction for this measure is approximately 3%. The project will be increasing multimodal connectivity by providing an additional bike and pedestrian crossing across Samaritan Drive with the proposed intersection and roadway improvements along the project frontage. An increase from four (4) to five (5) pedestrian crossings within ¼ mile of the project along Samaritan Drive was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI03] Provide Transit Network Improvements

In coordination with City and VTA staff, the Project will construct new bus shelters at the transit stop along Samaritan Dr.

The corresponding VMT percent reduction for this measure is approximately 1.6%. A 20% increase in transit accessibility was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI04] Provide Residential Street Improvements

In coordination with City and VTA staff, the Project will install a roundabout at the Samaritan Pl / Samaritan Drive intersection. This improvement would consist of new striping, bike lane transitions, RRFB crosswalks, shorter pedestrian crossings with refuge medians, and enhanced bus mobility beyond the Project frontage.

The corresponding VMT percent reduction for this measure is approximately 2.0%, as per Table 3.1 of '*Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions' by Cambridge Systematics,* Inc, *2009*. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[MI05] Provide Pedestrian Network Improvements

In coordination with City staff, the Project will construct a road diet and traffic calming features along Samaritan Drive between Samaritan Court to Samaritan Place to enhance multi-modal access and safety. This improvement would reduce the number of vehicle travel lanes from 5-lanes to 3-lanes, provide curb extensions, ADA compliant ramps, and protected Class VI bikeways beyond the Project frontage.

The corresponding VMT percent reduction for this measure is approximately 2.0% as per Table 3.1 of '*Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions' by Cambridge Systematics,* Inc, *2009*. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[PK01] Right-Size Parking Supply

The corresponding VMT percent reduction for this measure based on the number of parking spaces provided is approximately 3.3%. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[PK02] Provide Bike Parking Facilities

The corresponding VMT percent reduction for this measure is approximately 1.1% for end-of-trip bike facilities' that will be provided by the proposed Project. Examples of end-of-trip include bike parking, bicycle lockers, showers, and personal lockers. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

[TP04] Provide Education, Marketing, and Outreach

The corresponding VMT percent reduction for this measure is approximately 2.0%. Fifty-percent (50%) visitor/patient participation was assumed for this measure. This VMT percent reduction was applied to the proposed Project (Hospital + MOB trips).

Total Phase 3 Patient & Visitor VMT Reduction

As identified earlier in Section 4.2 & 4.3, the total increase in Daily Other (Patients and Visitors) VMT caused by the Phase 3 (Buildout) Project would be 1.25%, which corresponds to 926 visitor daily trips. This is potentially significant transportation impact, which is partially mitigated through implementation of measures above. As shown in **Table 14** above, with implementation of the measures for Phase 3 (Buildout) Conditions, a potential VMT trip reduction of 15.02% or 562 visitor daily trips will be achieved, which is 364 visitor daily trips less than the required mitigation; however, the combination of TDM measures and reduction in trip for employees, patients, and visitors reduces the VMT impact to less than significant levels.

Overall Total Phase 3 Employee, Patient, & Visitor VMT Reduction

As shown in **Table 13** and **Table 14** above, with implementation of the measures for Phase 3 (Buildout) Conditions, a potential reduction of 2,831 total daily trips (2,269 employee + 562 patient & visitor) will be achieved.

The overall reduction of 2,537 daily trips required to mitigate the Project's Phase 3 (Buildout) VMT impact is achieved by combining the daily trips reduction for employees and patients/visitors and the Phase 3 (Buildout) VMT impact would be reduced to less than significant level with mitigation incorporated.

5. TRANSPORTATION DEMAND MANAGEMENT (TDM) PLAN

The City's Transportation Demand Management (TDM) Program establishes a framework for new development Projects to provide alternative mobility options that residents, employees, and visitors can rely on. The goals of the TDM Program are to:

- Increase sustainable travel options for population of new Projects and surrounding neighborhoods;
- Monitor Projects' progress toward advancing the City's vehicle miles traveled (VMT) reduction goals; and
- Streamline the Transportation Analysis (TA) process for Projects.

As identified earlier in **Section 4.2** & **4.3**, the VMT analysis shows that Phase 1of the proposed Project would increase the daily VMT for employees by 47 (or 0.02%) and patients/visitors by 96 (or 0.13%). The total increase in daily VMT caused by Phase 1 of the proposed Project would be 143 (or 0.05%).

For Phase 3 (Buildout), the VMT analysis shows that the proposed Project would increase the daily VMT for employees by 1,611 (or 0.67%) and patients/visitors by 926 (or 1.25%). The total increase in daily VMT caused by the proposed Project would be 2,537 (or 0.81%).

The Project will implement a series of TDM measures as part of the VMT mitigation plan during Phase 1 and Phase 3. The TDM measures identified as part of Phase 1 will continue during Phase 2.

The City's 2023 Transportation Analysis Handbook defines a Project's TDM requirement as a TDM Point Target, to be met by committing to a package of TDM measures. San José Municipal Code Section 20.90.060 categorizes land uses into four categories: 'Home-End Uses,' 'Commute-End Uses,' 'Visit-End Uses,' and 'Other Uses.' These categories are based on the type of travel and/or parking demand each respective use generates, and the type(s) of TDM measures most effective in reducing vehicle trip demand. TDM point target for Projects within each category is listed below:

- Home-End Uses – 25 Points
- Commute-End Uses – 25 Points
- Visit-End Uses – 25 Points
- Other Uses – 5 Points

The 2023 Transportation Analysis Handbook defines these categories as follows:

- **Home-End Uses** are uses whose parking demand and VMT is largely determined by the vehicle ownership rates and use frequency among the residents to these uses. TDM measures for these uses focus on reducing automobile ownership rates among Project's residents.
- **Commute-End Uses** are uses whose parking demand and VMT is largely determined by the volume of commuters driving to jobs generated by these uses. TDM measures for these uses focus on reducing drive-alone commuting to, and automobile parking demand, at Project.
- **Visit-End Uses** are uses whose parking demand and VMT are largely determines by the volume of visitors driving to access goods, services, and social connection provided through these uses. TDM measures for these uses focus on increasing non-drive-alone visitor access to a Project.

- **Other Uses** are uses that typically generate moderate or minimal parking demand for personal vehicles and/or are typically minimally responsive to TDM measures.

Both phases of the proposed Project (i.e., Phase 1, Phase 2, and Phase 3 (Buildout)) fall under the 'Commute-End Uses' land use category for the jobs generated. Therefore, a TDM Plan was prepared for each of the Project phases.

5.1 TDM Plan

The following existing TDM measures are already in place at the Good Samaritan Hospital. Because these measures will be extended to any new staff and visitors and be offset in the overall TDM, full hospital operations was included in the TDM analysis. The hospital does not currently have metrics for these measures:

- TP04 - Provide Education, Marketing and Outreach
- TP08 – Flexible Work Schedule (by nature of your work, there are varied shifts between departments

The TDM Plan proposed for the Hospital (Phase 1) is shown in **Table 15.** The TDM Plan proposed for the Hospital (Phase 2) is shown in **Table 16**. The Hospital Plus Medical Office Building (Phase 3) TDM plan is shown in **Table 17**:

Phase 1 TDM

Table 15: TDM Plan – Phase 1

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
Commute-End Use (Hospital)	Phase 1	Parking	[PK01] Right-Size Parking Supply	Under Phase 1, the Project proposes up to 1,205 total on-site shared vehicle parking spaces for the Hospital. The parking ratio for the Hospital would equal 1.24 (1,205 spaces / 971 KSF of total Hospital). This Project parking ratio is less than the 2.25 parking ratio from ITE Parking Generation Manual rates. Therefore, the Project would be eligible for TDM point credits as per Transportation Analysis 2023 Handbook Pg. 119 based on the parking ratio.	20
	Phase 1	Programmatic TDM	[TP02] Provide Bike Share Stations	The Project proposes to provide: • Provide at least six (6) shared bikes/e-bikes on site via Bay Wheels or a dedicated fleet on-site for use by Project residents/employees and the general public. Include wayfinding signage. • Provide at least one (1) cargo bike and one (1) collapsible	2

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
				shopping/utility cart on site for use by Project residents/employees. Include wayfinding signage.	
	Phase 1	Programmatic TDM	[TP04] Provide Education, Marketing, and Outreach	The Project proposes to provide: • TDM promotions such as targeted messaging and communication campaigns, incentives, giveaways, and competitions. • Welcome packets with information about nearby amenities, travel options, and available transportation benefits and incentives.	2
	Phase 1	Programmatic TDM	[TP13] Provide Ride-Share Program	The Project proposes to provide a ride-matching service to match Project employees interested in carpooling or vanpooling who have similar commute patterns. A 2% participation rate was assumed.	1
CEU Potential TDM Point Total (25 points minimum)					**25**

As shown in **Table 15** above, the Phase 1 Project which includes the Hospital, satisfies the TDM Point Target with 25 points.

Phase 2 TDM

Table 16: TDM Plan –Phase 2

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
Commute-End Use (Hospital)	Phase 2	Parking	[PK01] Right-Size Parking Supply	Under Phase 2, The Project proposes up to 1,494 total on-site shared vehicle parking spaces for the Hospital. The parking ratio for the Hospital would equal 2.36 (1,494 spaces / 633 KSF of total Hospital).The Project would be eligible for TDM point credits as per Transportation Analysis 2023 Handbook Pg. 119 based on the parking ratio.	16
	Phase 2	Programmatic TDM	[TP02] Provide Bike Share Stations	The Project proposes to provide: • Provide at least six (6) shared bikes/e-bikes on site via Bay Wheels or a	2

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
				dedicated fleet on-site for use by Project residents/employees and the general public. Include wayfinding signage. • Provide at least one (1) cargo bike and one (1) collapsible shopping/utility cart on site for use by Project residents/employees. Include wayfinding signage.	
	Phase 2	Programmatic TDM	[TP04] Provide Education, Marketing, and Outreach	The Project proposes to provide: • TDM promotions such as targeted messaging and communication campaigns, incentives, giveaways, and competitions. • Welcome packets with information about nearby amenities, travel options, and available transportation benefits and incentives.	2
	Phase 2	Programmatic TDM	[TP13] Provide Ride-Share Program	The Project proposes to provide a ride-matching service to match Project employees interested in carpooling or vanpooling who have similar commute patterns. A 2% participation rate was assumed.	1
CEU Potential TDM Point Total (25 points minimum)					**21**

As shown in **Table 16**, the addition of new surface parking in Phase 2 lowers the effectiveness of "Right-Size Vehicle Parking Supply" TDM measure of Phase 1 TDM Plan into Phase 2. As a result, the total CEU potential TDM point value for Phase 2 would be 21-points and would be short by 4-points to make the 25-point minimum requirement. To meet the 25-point minimum requirement, the following Phase 3 TDM measures are required;

- [MI01] Provide Bike and Micro-mobility Network Improvements
  - This measure will achieve a potential point value of 2 points.
- [MI03] Provide Transit Network Improvements
  - This measure will achieve a potential point value of 1 point.
- [MI05] Provide Pedestrian Network Improvements (2 points)
  - This measure will achieve a potential point value of 2 points.

However, if the Project reduces the number of parking spaces provided during Phase 2 to a parking ratio of 2.0 or less, then the Project meets the 25-point minimum requirement and TDM MI01, MI03, and

MI05 would not be required under Phase 2. It should be noted that Phase 3 would still meet the 25-point minimum requirement, even if the above measures are required during Phase 2.

The [MI01] Provide Bike and Micro-mobility Network Improvements (Samaritan Dr Road Diet) will tie-in with existing geometry at the Samaritan Dr/Samaritan Pl intersection during Phase 2, if the Project reduces the number of parking spaces provided during Phase 2 to a parking ratio of 2.0 or less.

Phase 3 TDM

Table 17: TDM Plan – Hospital (419 Beds) + Medical Office Building (200 KSF) - Phase 3 (Buildout)

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
	Phase 3	Multimodal Network Improvements	[MI01] Provide Bike and Micro-mobility Network Improvements	In coordination with City staff, the Project will construct a road diet and traffic calming features along Samaritan Drive between Samaritan Court to Samaritan Pl to enhance multi-modal access and safety. This improvement would reduce the number of vehicle travel lanes from 5-lanes to 3-lanes, provide curb extensions, ADA compliant ramps, and protected Class VI bikeways beyond the Project frontage. The project will implement on-street parking protected Class IV bike lane on the southside of Samaritan Drive (eastbound) between Samaritan Court and Samaritan Place. Up to $2 per square foot of non-residential gross floor area from the Project would be contributed for up to 1 TDM point credits: $2 per SF * 500,000 SF added Hospital + MOB = $1,000,000	2
	Phase 3	Multimodal Network Improvements	[MI03] Provide Transit Network Improvements	In coordination with City and VTA staff, the Project will construct new bus shelters at the transit stop along Samaritan Dr. As part of the Samaritan Drive Road Diet, the existing bus stops along the project frontage will be evaluated for appropriate location that best serves the Hospital and the adjacent uses. A suggested location could be between Driveway #3 and #4, with the ultimate location determined by the City Engineer or their designee as part of Samaritan Drive Street improvement plans. Up to $1 per square foot of non-residential gross floor area from the Project would be contributed for up to 1	1

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
Commute-End Use (Hospital+ MOB)				TDM point credits: $1 per SF * 500,000 SF added Hospital + MOB = $500,000	
	Phase 3	Multimodal Network Improvements	[MI04] Provide Residential Street Improvements	In coordination with City and VTA staff, the Project will install a roundabout at the Samaritan Pl / Samaritan Drive intersection. This improvement would consist of new striping, bike lane transitions, RRFB crosswalks, shorter pedestrian crossings with refuge medians, and enhanced bus mobility beyond the Project frontage. Up to $3 per square foot of non-residential gross floor area from the Project would be contributed for up to 3 TDM point credits: $3 per SF * 500,000 SF added Hospital + MOB = $1,500,000	3
	Phase 3	Multimodal Network Improvements	[MI05] Provide Pedestrian Network Improvements	In coordination with City staff, the Project will construct a road diet and traffic calming features along Samaritan Drive between Samaritan Court to Samaritan Pl to enhance multi-modal access and safety. This improvement would reduce the number of vehicle travel lanes from 5-lanes to 3-lanes, provide curb extensions, ADA compliant ramps, and protected Class VI bikeways beyond the Project frontage. The location of the mid-block pedestrian crossing will relocate with the Samaritan Drive Road Diet, which is suggested west of proposed Driveway #3. The ultimate location of the mid-block pedestrian crossing will be determined by the City Engineer or their designee as part of the Samaritan Drive Street improvements. The project may need to implement a bulbout and/or Rectangular Rapid Flashing Beacons (RRFB's) at the crosswalk. Up to $1 per square foot of non-residential gross floor area from the Project would be contributed for up to 1 TDM point credits: $1 per SF * 500,000 SF added Hospital + MOB = $500,000	1

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
	Phase 3	Parking	[PK01] Right-Size Parking Supply	The Project proposes up to 2,179 total on-site shared vehicle parking spaces under Phase 3 Buildout Conditions. The Project's total parking ratio for the site would equal 2.29 (2,179 spaces / 950 KSF of total Hospital & MOB). This Project parking ratio is less than the 2.46 parking ratio from ITE Parking Generation Manual rates. Therefore, the Project would be eligible for TDM point credits as per Transportation Analysis 2023 Handbook Pg. 119 based on the parking ratio.	18
	Phase 3	Parking	[PK02] Provide Bike Parking Facilities	The Project proposes to provide: • Short-term and long-term parking at 2 times as many on-site bicycle parking spaces as required by zoning. Wayfinding signage included. • Showers, changing rooms, lockers at 2 times as many on-site facilities as required by zoning. Wayfinding signage included.	1
	Phase 3	Programmatic TDM	[TP02] Provide Bike Share Stations	The Project proposes to provide: • Provide at least six (6) shared bikes/e-bikes on site via Bay Wheels or a dedicated fleet on-site for use by Project residents/employees and the general public. Include wayfinding signage. • Provide at least one (1) cargo bike and one (1) collapsible shopping/utility cart on site for use by Project residents/employees. Include wayfinding signage.	2
	Phase 3	Programmatic TDM	[TP04] Provide Education, Marketing, and Outreach	The Project proposes to provide: • TDM promotions such as targeted messaging and communication campaigns, incentives, giveaways, and competitions. • Welcome packets with information about nearby amenities, travel options, and available transportation benefits and incentives.	2

Land Use Category	Project Phase	TDM Category	TDM Measure [ID]	TDM Description	Potential Point Value
	Phase 3	Programmatic TDM	[TP13] Provide Ride-Share Program	The Project proposes to provide a ride-matching service to match Project employees interested in carpooling or vanpooling who have similar commute patterns. A 2% participation rate was assumed.	1
CEU Potential TDM Point Total (25 points minimum)					**31**

As shown in **Table 17** above, the Phase 3 (Buildout) Project which includes the Hospital + MOB, also satisfies the TDM Point Target with 31 points.

5.2 TDM Plan Compliance and Monitoring

Projects including a TDM plan as a Condition of Approval are required to implement the proposed TDM measures for the life of the Project and fulfill ongoing compliance and monitoring requirements. As per the 2023 Transportation Analysis Handbook, Projects must execute and record a Covenant and Agreement that the approved TDM Plan as required by the TDM Program, and the TDM measures contained therein, have been provided and will be maintained throughout the life of the Project.

The Project is classified as Level 2 (large Project) and would be subject to annual monitoring. Projects that are subject to annual monitoring must submit a completed TDM Compliance Form, a completed TDM Monitoring Report, and associated administrative fees to the City Department of Transportation every year. A TDM Monitoring Report must include the following three (3) components:

- ***Project Mode Share***
  For commute-end and visit-end Project uses, their drive-alone mode share target is 25% below the drive-alone mode share of trips generated by the surrounding neighborhood before the Project was occupied. The TDM Monitoring Report must compare the Project's drive-alone mode share with that of the surrounding neighborhood to inform the effectiveness of the Project's TDM Plan. The mode share of the surrounding neighborhood would be derived from available census data or Santa Clara County Congestion Management Plan data.

- ***Project Trip Cap***
  If the Project proposes to include at least one programmatic TDM measure in the Project description or as mitigation measures to address its CEQA transportation impacts, the Project must demonstrate that its VMT is below the relevant thresholds after the opening day. The Trip cap VMT threshold will be a combination of the employee and patient/visitor trips.

- ***Evaluation of TDM Plan***
  If the TDM Monitoring Report finds that the Project does not meet the mode share target and the trip cap as indicated in the TDM Plan, the Project is required to work with the City to evaluate how the Project has been implementing existing measures, identify more effective ways to implement the existing measures, and recommend changes to the Project's TDM Plan for the upcoming year as needed – the Project's mode share, the Project's trip cap (CEQA), and the evaluation of the Project's TDM Plan.

As per the San Jose Transportation Analysis Handbook dated April 2023, the first submission of the TDM Compliance Form and the TDM Monitoring Report is due within 30 calendar days of the 18-month anniversary of the issuance of the initial Certificate of Occupancy. The proposed Project will submit a completed TDM Compliance Form, a completed TDM Monitoring Report, and associated administrative fees to the City Department of Transportation every year.

6. LTA INTERSECTION OPERATIONS

This chapter describes the local transportation analysis including intersection operations analysis for existing, background, Project, and cumulative conditions, intersection vehicle queuing analysis, and mitigation measures for any adverse effects to intersection level of service caused by the Project.

6.1 Existing Conditions Analysis

Weekday AM and PM peak hour intersection turning movement counts were collected for all study intersections during May 2022, except for study intersection of S. Bascom Avenue. / East Mozart Avenue., which was collected during November 2022. These counts included vehicles, bicycles, and pedestrians and were collected when local schools were in session and the weather was fair. Peak hour volumes during each intersection's respective peak were conservatively used in this analysis, therefore, some volume imbalances were observed between study intersections. Where imbalances occurred, volumes were conservatively increased slightly above what was counted in the field. Existing intersection lane geometry and peak hour turning movement volumes are shown in **Figure 15** and **Figure 16** respectively.

Traffic operations were evaluated at all study intersections under Existing Conditions, and the results of the analysis are presented in **Table 18**.

Table 18: Intersection Operations Summary of Existing Conditions

#	Intersection	LOS Criteria	Existing Conditions							
			AM Peak				PM Peak			
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)
1	S Bascom Ave / Camden Ave*	E	D-	53.4	0.766	56.6	D	48.2	0.685	46.2
2	S Bascom Ave / White Oaks Ave	D	C	25.3	0.308	23.3	C+	21.9	0.355	19.2
3	S Bascom Ave / 85 Northbound Ramps*	E	C+	22.0	0.330	26.3	C+	20.2	0.340	28.5
4	S Bascom Ave / 85 Southbound Ramps*	E	C+	22.4	0.366	25.0	C	29.1	0.679	31.3
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr*	E	C	27.3	0.421	33.9	C	29.5	0.558	31.8
7	Samaritan Ct / Samaritan Dr	D	A	4.5	0.075	8.1	B-	19.9	0.245	21.0
10	SR 5 Southbound off-Ramp / Samaritan Dr	D	C+	20.2	0.536	21.1	B	17.1	0.307	16.9
11	Union Ave / Camden Ave*	E	D	45.9	0.663	41.9	D-	54.4	0.849	58.9
12	Union Ave / SR 85 Northbound On-Ramp	D	B	16.9	0.438	22.1	B	17.4	0.457	23.8
13	Union Ave / SR 85 Southbound Ramp	D	C+	20.6	0.415	20.7	C	23.2	0.406	20.9
14	Union Ave / Los Gatos Almaden Rd	D	D	41.6	0.774	46.6	C-	34.1	0.639	38.7
15	SR 17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	**F**	**90.2**	**1.294**	**200.4**	D-	51.4	1.019	94.9
16	White Oaks Rd - Curtner Ave / Camden Ave*	E	C-	33.3	0.848	39.5	C	27.0	0.732	29.0
17	Winchester Blvd / Lark Ave	D	C+	20.7	0.628	20.2	B	17.8	0.532	17.4
18	SR 17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.0	0.509	29.6	C	29.6	0.552	29.1
19	SR 17 Northbbound Ramps / Lark Ave	D	B	15.1	0.568	24.9	B	13.6	0.543	25.1
20	Los Gatos Blvd / Lark Ave*	E	C-	32.0	0.547	33.4	C-	33.0	0.577	35.6
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.2	0.409	28.6	C	25.6	0.488	30.5
22	National Ave / Los Gatos Almaden Rd	D	B	13.3	0.345	16.4	B	13.3	0.381	11.1
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	C+	22.5	0.382	23.4	C+	21.7	0.464	25.6
24	Walker St / Los Gatos Blvd	D	B-	18.5	0.455	24.5	C+	22.2	0.571	30.1
* - CMP Intersection										

San José and Los Gatos Intersections LOS Results

All study intersections within the City of San José and Town of Los Gatos, operates at an acceptable LOS (LOS D or better) during both AM and PM peak hours under Existing Conditions.

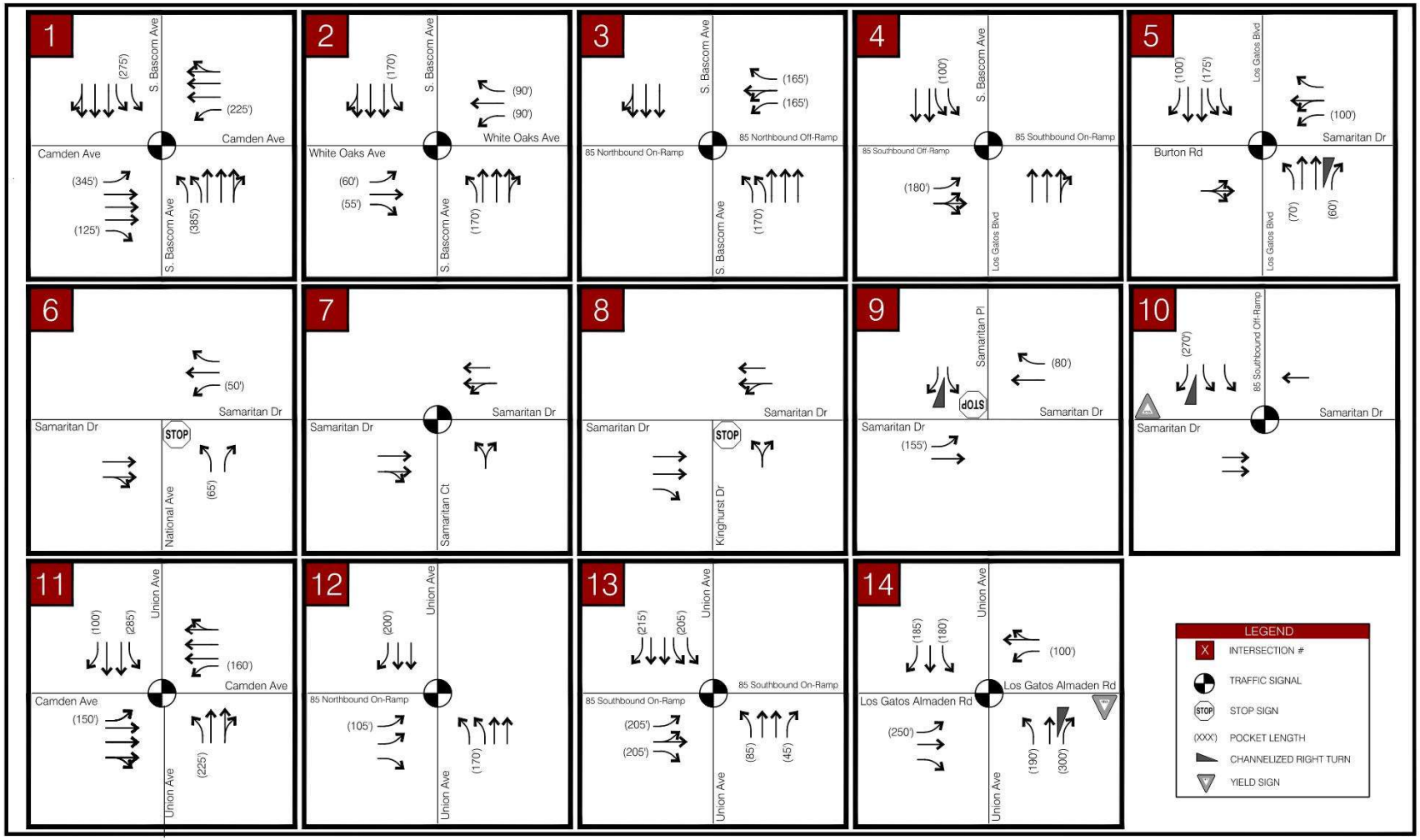
CMP Intersections LOS Results

All CMP intersections within the City of San José, City of Campbell, and Town of Los Gatos, operate at an acceptable LOS (E or better) during both AM and PM peak hours under Existing Conditions, except for the following CMP intersection within Town of Los Gatos, which operates at unacceptable LOS during the AM peak hour:

- Int.#15 - SR 17 Southbound Off-Ramp / Camden Avenue – San Thomas Expy.
    - LOS F (Delay 90.2, V/C 1.294, Critical Delay 200.4)

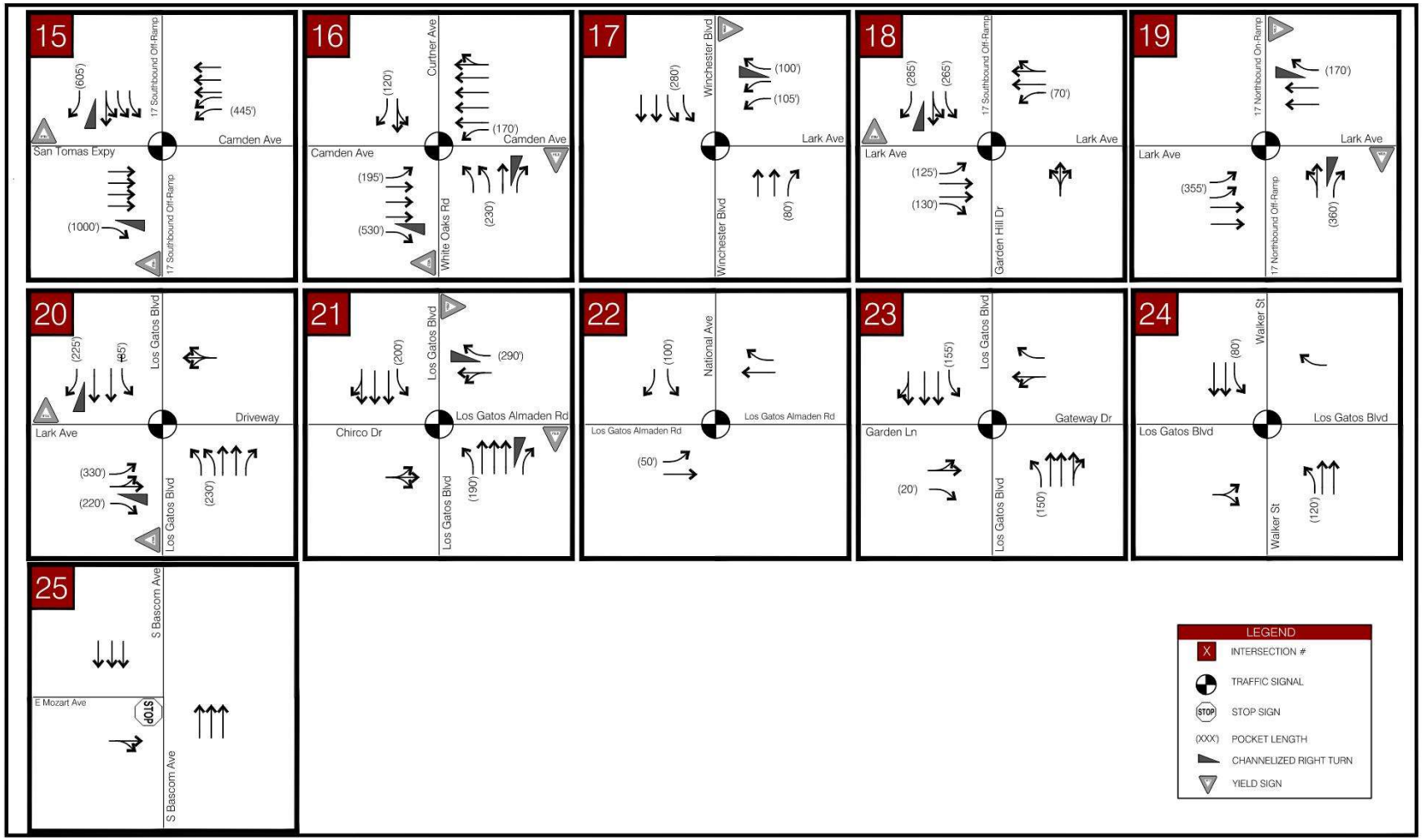
Intersection turning-movement counts and TRAFFIX output sheets are provided in the **Appendix C** and **Appendix D,** respectively.

Figure 15: Existing Lane Geometry



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NOVEMBER 2023

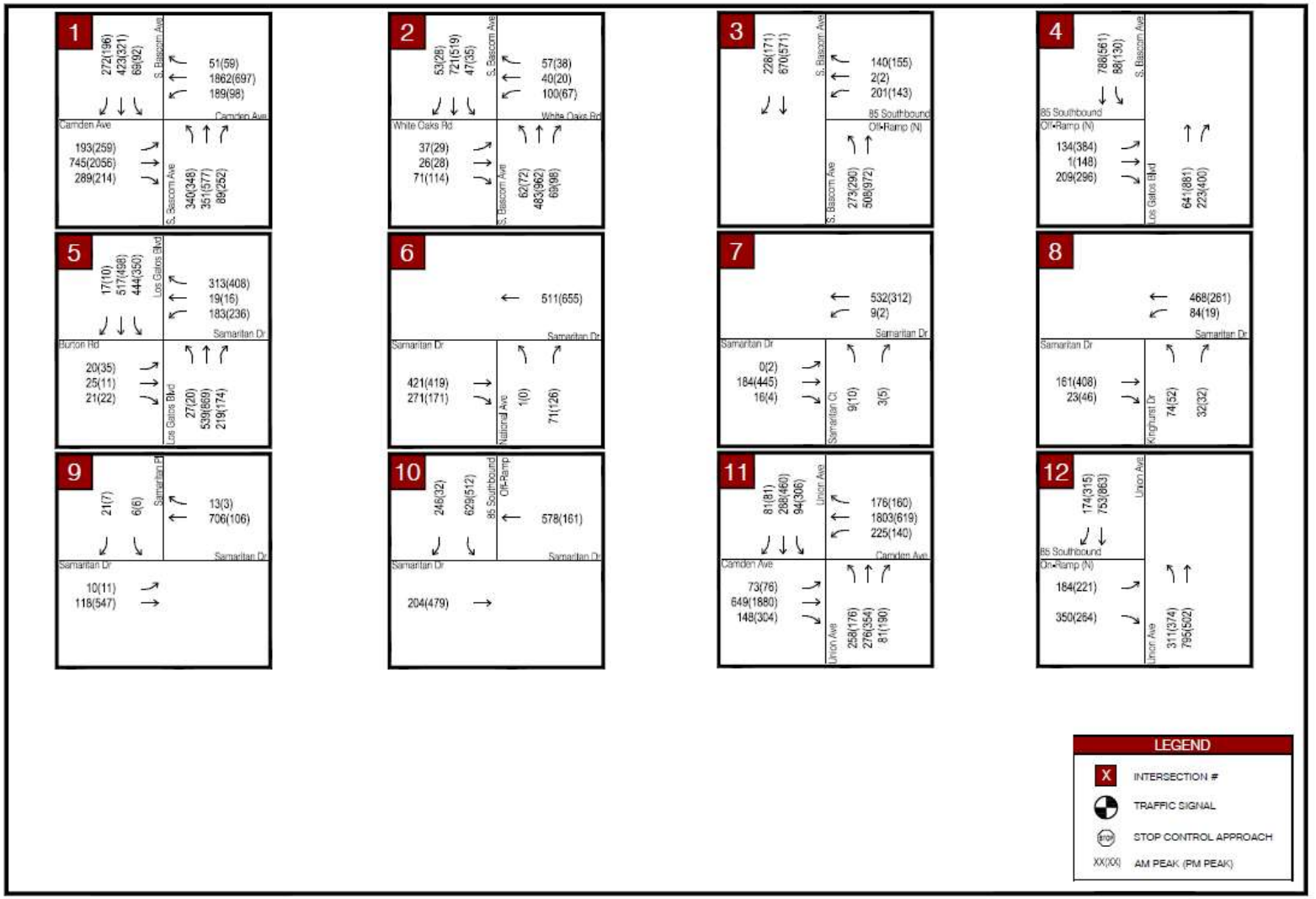
Existing Geometry
(Sheet 1 of 2)
GOOD SAMARITAN HOSPITAL



Kimley»Horn
NOVEMBER 2023

Existing Geometry
(Sheet 2 of 2)
GOOD SAMARITAN HOSPITAL

Figure 16: Existing Traffic Volumes

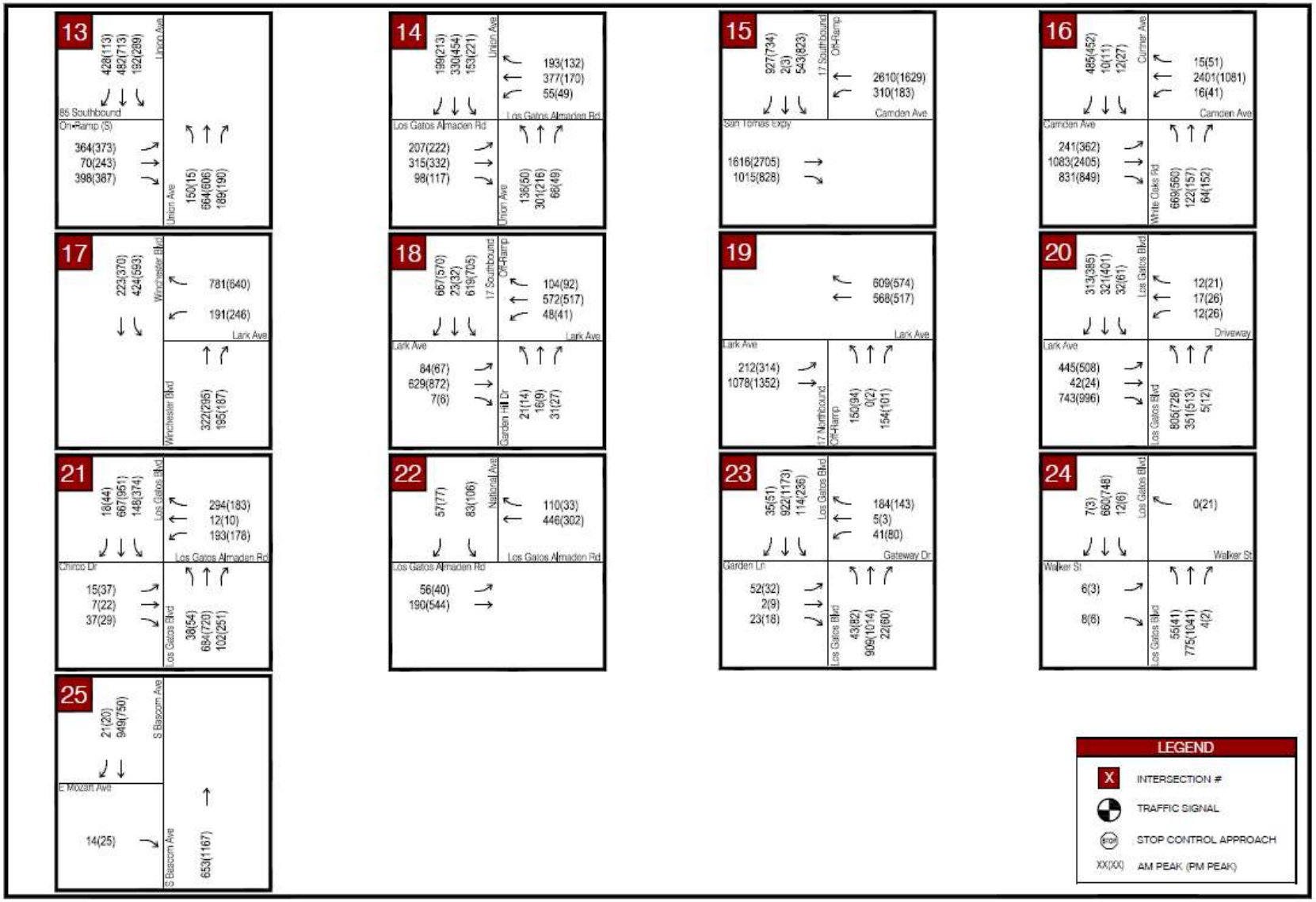


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Existing Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 1 of 2)

March 2024

GOOD SAMARITAN HOSPITAL


13
428(113)
482(713)
192(289)
Union Ave
85 Southbound
On-Ramp (S)
364(373)
70(243)
398(387)
Union Ave
150(15)
664(606)
189(190)
14
199(213)
330(454)
153(221)
Union Ave
193(132)
377(170)
55(49)
Los Gatos Almaden Rd
Los Gatos Almaden Rd
207(222)
315(332)
98(117)
Union Ave
136(50)
301(216)
66(48)
15
927(734)
2(3)
543(823)
17 Southbound Off-Ramp
2610(1629)
310(183)
Camden Ave
San Tomas Expy
1616(2705)
1015(828)
16
485(452)
10(11)
12(27)
Curtner Ave
15(51)
2401(1081)
16(41)
Camden Ave
Camden Ave
241(362)
1083(2405)
831(849)
White Oaks Rd
669(560)
122(157)
64(152)
17
223(370)
424(593)
Winchester Blvd
781(640)
191(246)
Lark Ave
Winchester Blvd
322(295)
195(187)
18
667(570)
23(32)
619(705)
17 Southbound Off-Ramp
104(92)
572(517)
48(41)
Lark Ave
Lark Ave
84(67)
629(872)
7(6)
Garden Hill Dr
21(14)
16(9)
31(27)
19
609(574)
568(517)
Lark Ave
Lark Ave
212(314)
1078(1352)
17 Northbound Off-Ramp
150(94)
0(2)
154(101)
20
313(385)
321(401)
32(61)
Los Gatos Blvd
12(21)
17(26)
12(26)
Driveway
Lark Ave
445(508)
42(24)
743(996)
Los Gatos Blvd
805(728)
351(513)
5(12)
21
18(44)
667(951)
148(374)
Los Gatos Blvd
294(183)
12(10)
193(178)
Los Gatos Almaden Rd
Chinco Dr
15(37)
7(22)
37(29)
Los Gatos Blvd
38(54)
654(720)
102(251)
22
57(77)
83(106)
National Ave
110(33)
446(302)
Los Gatos Almaden Rd
Los Gatos Almaden Rd
56(40)
190(544)
23
35(51)
922(1173)
114(236)
Los Gatos Blvd
184(143)
5(3)
41(80)
Gateway Dr
Garden Ln
52(32)
2(9)
23(18)
Los Gatos Blvd
43(82)
905(1014)
22(60)
24
7(3)
660(748)
12(6)
Los Gatos Blvd
0(21)
Walker St
Walker St
6(3)
8(6)
Los Gatos Blvd
55(41)
775(1041)
4(2)
25
21(20)
949(750)
S Bascom Ave
E Mozart Ave
14(25)
S Bascom Ave
653(1167)
LEGEND
X
INTERSECTION #
TRAFFIC SIGNAL
STOP CONTROL APPROACH
XX(XX)
AM PEAK (PM PEAK)

6.2 Background Conditions Analysis

As identified earlier in Section 1.1 of the report, under existing conditions, the Good Samaritan Hospital has 323 Operational Beds, and the hospital is currently licensed for 404 beds. Therefore, the background baseline traffic volumes were estimated by 1) adding trips generated by Good Samaritan Hospital if it were to operate at existing allowed capacity of 404 Licensed Beds, 2) adding traffic generated from other approved Projects near the Project study area which were obtained from the City of San José Approved Trip Inventory (ATI) database, and 3) adding traffic generated from other approved Projects near the Project study area which were obtained from the Town of Los Gatos and City of Campbell.

The additional Good Samaritan Hospital trips were distributed using the approved Project trip distribution shown in **Figure 12**. The ATI traffic volumes for approved Projects from the City of San José include the following local Projects:

- PDC15-028 (RET) (3-17945) Samaritan Medical Campus Development Plan*
- PDC20-113676 (MU) (3-13401) Cambrian Park Mixed-Use
- PDC20-114321 (MU) (3-04613) 3090 S Bascom Avenue
- PDC20-121628 (RET) (3-03484) 3229 S Bascom Avenue Preschool
- PDC19-130780 (RES) (3-10682) Campbell Union High School District Residential
- PDC21-026967 (RES) (3-25710) 1975 Cambrianna Drive Residential
- PDC18-131803 (RET) (3-18419) Belmont Village Assisted Living

*- Samaritan Medical Campus Development Plan Project proposes a total of 475,250 square feet of medical office space on two sites and removal of 110,524 square feet of existing medical office building. Per City's direction, 75% of the Project trips were added to the network, as a quarter of this Project is already implemented.

Traffic generated from other approved Projects in the Town of Los Gatos and the City of Campbell include the following:

- 400 Blossom Hill Road – Residential (Town of Los Gatos)
  - 78 assisted living units and 36 memory care units
- 16212 Los Gatos Blvd. – Retail/Commercial (Town of Los Gatos)
  - 11,317 square feet of office space and 2,312 square feet of existing retail space to remain.
- 405 Alberto Way – Office (Town of Los Gatos)
  - 69,000 square feet of office space
- 105 Newell – Residential (Town of Los Gatos)
  - 4 Single Family Residential Homes
- North 40 Specific Plan – Mixed Use (Town of Los Gatos)
  - 269,000 square feet shopping center, 150 room hotel, 62,500 square feet of medical-dental office building, 62,500 square feet of office building, 73 detached dwelling units, 73 apartment units, and 218 condominium units.
- 16100 Greenridge Terrace – Residential (Town of Los Gatos)
  - 8 residential units
- 16940 Roberts Rd – Residential (Town of Los Gatos)
  - 3 residential units

- 16195 George St – Residential (Town of Los Gatos)
    - 4 residential units
- 401 Alberto Way – Office (Town of Los Gatos)
    - 93,500 square feet of new office space and removal of 30,000 square feet of existing office space
- 1700 Dell Avenue – Office (City of Campbell)
    - 161,870 square feet of new office space and removal of 71,620 square feet of existing office space

The additional traffic generated from other approved Projects from the City of San José, Town of Los Gatos and the City of Campbell were added to the existing traffic counts to generate the Background baseline scenario.

The roadway network under Background conditions would be the same as the existing roadway network with the addition of the following planned intersection improvements.

- **Samaritan Drive / Samaritan Court:** This intersection will construct a new traffic signal and would include adding a fourth leg to the intersection, converting the existing two-way center left turn lane on Samaritan Drive into dedicated eastbound and westbound left-turn pockets with protected left-turn phasing, and adding crosswalks with pedestrian signal heads on Samaritan Dr. This planned intersection improvement is implemented, excluding the north leg which still needs to be constructed.

- **Los Gatos-Almaden Road / Union Avenue:** This intersection will widen the westbound shared through/right-turn lane on Los Gatos-Almaden Road to allow for a separate right-turn movement onto northbound Union Avenue. This will include, but not limited to, widening the shared through/right turn lane, shifting the lanes on the westbound approach of the intersection approximately two feet to the south with the relocation of the detector loops and lane restriping and realigning the eastbound left-turn lane with the westbound left turn lane, which would require restriping only.

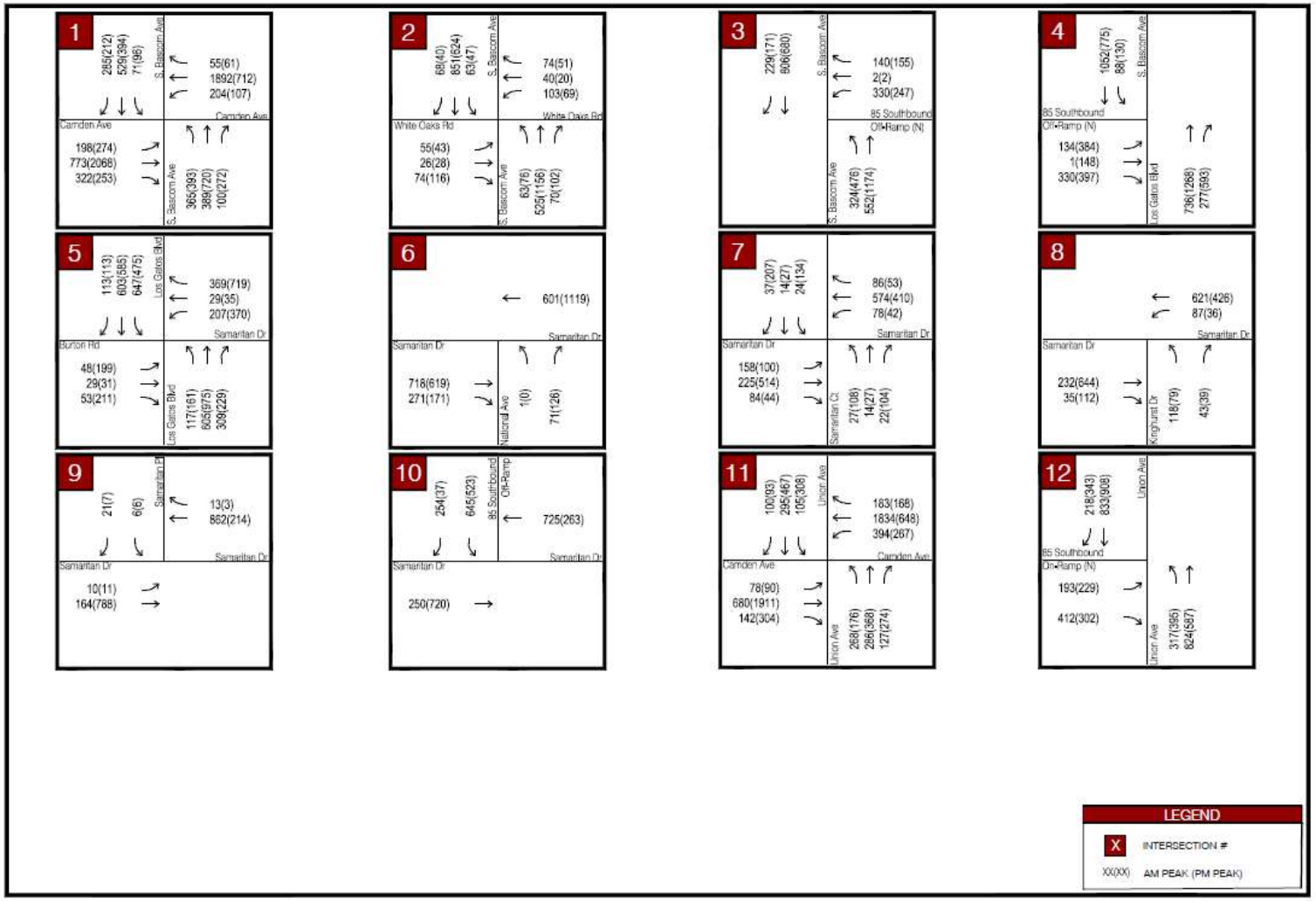
- **Kinghurst Drive / Lost Oaks Drive:** This intersection will construct traffic calming measures for neighborhood intrusion and promotion of other modes of transportation This will include, but not limited to, the following improvements: bulb-outs, restriping, realigning the crosswalks and drainage improvements needed for the improvements.

- **Bascom Avenue / Samaritan Dr:** This intersection will add a third northbound through lane which will require restriping and signal modifications to install a new loop detector and signal head for the new northbound lane.

- **Camden Avenue / Union Avenue:** This intersection will lengthen the westbound left-turn pocket by 200 feet.

Traffic operations for the study intersections under Background conditions are shown below in **Table 19** and **Figure 17**.

Figure 17: Background Traffic Volumes

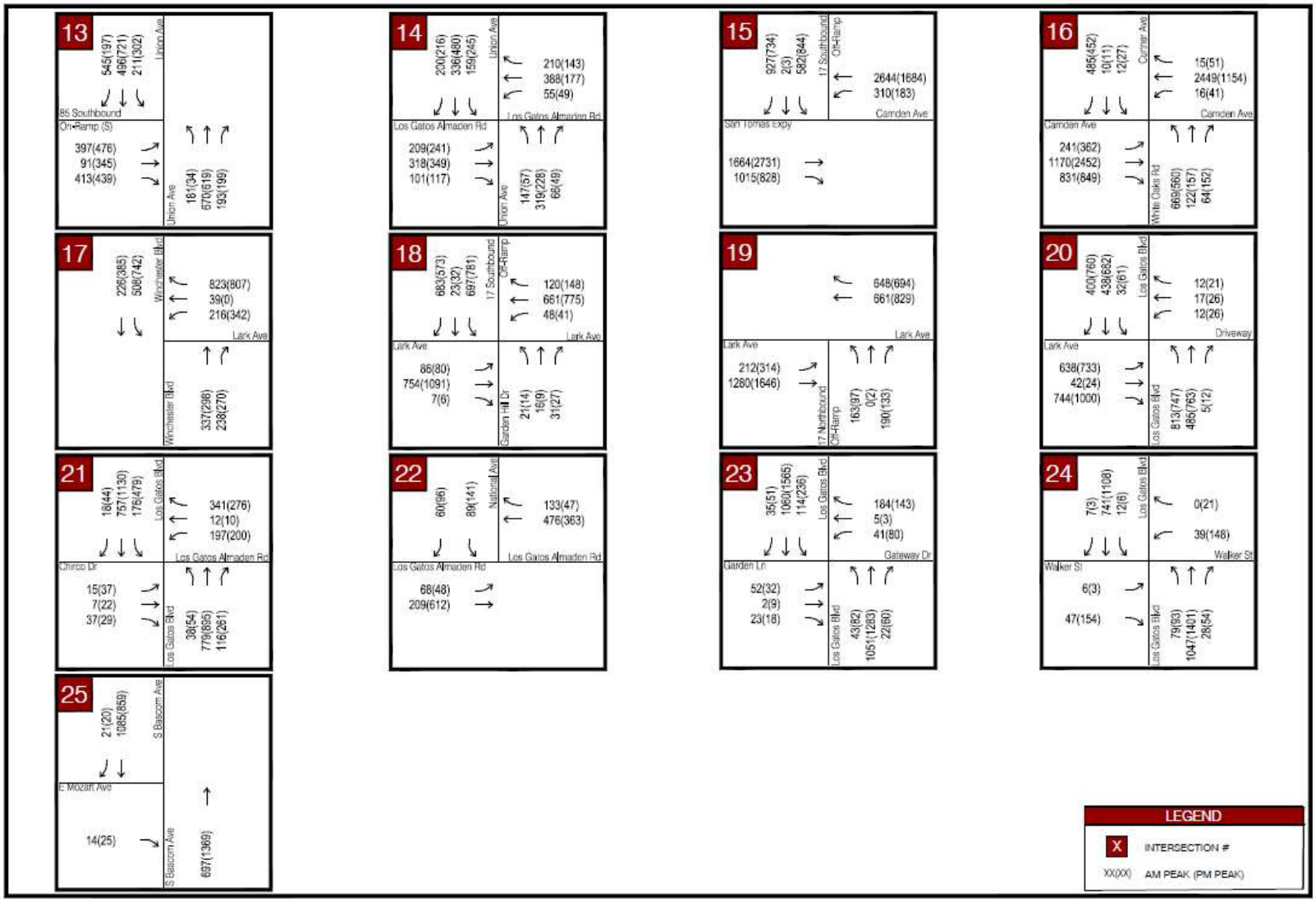


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Background Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 1 of 2)

March 2024

GOOD SAMARITAN HOSPITAL



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Background Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 2 of 2)

March 2024

GOOD SAMARITAN HOSPITAL

Table 19: Intersection Operations Summary of Background Conditions

#	Intersection	LOS Criteria	AM Peak				PM Peak			
			Background Conditions							
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)
Signalized Intersections										
1	S Bascom Ave / Camden Ave*	E	E+	55.1	0.792	58.7	D	50.4	0.718	49.6
2	S Bascom Ave / White Oaks Ave	D	C	24.5	0.342	22.0	C+	21.0	0.406	18.6
3	S Bascom Ave / 85 Northbound Ramps*	E	C	23.5	0.413	28.0	C+	21.0	0.425	29.7
4	S Bascom Ave / 85 Southbound Ramps*	E	B-	19.4	0.442	18.1	C	26.2	0.739	30.4
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	C	30.7	0.583	37.9	D-	54.3	0.930	60.2
7	Samaritan Ct / Samaritan Dr	D	C	23.4	0.363	23.6	C-	32.2	0.432	30.8
10	85 Southbound off-Ramp / Samaritan Dr	D	C+	21.4	0.624	22.5	B	17.1	0.378	17.5
11	Union Ave / Camden Ave*	E	D	49.2	0.681	43.0	E	61.7	0.897	71.2
12	Union Ave / 85 Northbound On-Ramp	D	B	17.7	0.500	23.2	B	17.3	0.480	24.0
13	Union Ave / 85 Southbound Ramp	D	C+	20.6	0.456	20.0	C	24.0	0.539	27.3
14	Union Ave / Los Gatos Almaden Rd	D	D+	36.3	0.662	42.4	C-	32.8	0.565	31.5
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	**F**	**89.7**	**1.294**	**200.4**	D-	51.4	1.019	94.9
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C-	33.5	0.854	39.7	C	27.4	0.741	29.4
17	Winchester Blvd / Lark Ave	D	C+	21.3	0.683	20.1	C+	20.5	0.693	21.7
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.0	0.528	28.7	C	30.4	0.641	31.1
19	17 Northbbound Ramps / Lark Ave	D	B	15.8	0.617	26.5	B	14.2	0.622	25.9
20	Los Gatos Blvd / Lark Ave*	E	D+	35.2	0.643	37.5	D+	37.3	0.734	41.7
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.8	0.475	29.8	C	27.9	0.647	34.5
22	National Ave / Los Gatos Almaden Rd	D	B	13.8	0.374	17.4	B	14.7	0.443	12.9
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	C+	20.2	0.370	17.8	B-	20.0	0.519	24.1
24	Walker St / Los Gatos Blvd	D	B	14.6	0.398	13.1	C	24.3	0.662	26.3
* - CMP Intersection										

San José and Los Gatos Intersections LOS Results

All study intersections within the City of San José and Town of Los Gatos, operates at an acceptable LOS (LOS D or better) during both AM and PM peak hours under Background Conditions.

CMP Intersections LOS Results

All CMP intersections within the City of San José, City of Campbell, and Town of Los Gatos, operate at an acceptable LOS (E or better) during both AM and PM peak hours under Background Conditions, except for the following CMP intersection within Town of Los Gatos, which operates at unacceptable LOS during the AM peak hour:

- Int.#15 - SR 17 Southbound Off-Ramp / Camden Avenue – San Thomas Expy. (CMP)
  - LOS F (Delay 89.7, V/C 1.294, Critical Delay 200.4)

Intersection turning-movement counts and TRAFFIX output sheets are provided in the **Appendix D.**

6.3 Project Conditions Analysis

Traffic operations were evaluated at the study intersections under Project conditions based on Background conditions and adding the net vehicle trips from the proposed Good Samaritan Hospital Project (Phase 1 & Phase 3 – Buildout) to the Background roadway geometry and traffic control. The Project traffic volumes were incorporated from the Trip Generation and Trip Distribution described in **Section 3** of this report.

Phase 1 Conditions

Traffic operations for the study intersections under Phase 1 Project conditions are shown below in **Table** 20 and **Figure 18**.

Table 20: Intersection Operations Summary of Background Plus Phase 1 Project

#	Intersection	LOS Criteria	AM Peak										
			Background				Background Plus Phase 1 Project				Crit V/C Change	Avg Crit Del Change	Impact
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)			
Signalized Intersections													
1	S Bascom Ave / Camden Ave*	E	E+	55.1	0.792	58.7	E+	55.2	0.793	58.9	0.001	0.20	NO
2	S Bascom Ave / White Oaks Ave	D	C	24.5	0.342	22.0	C	24.3	0.349	21.8	0.000	-0.20	NO
3	S Bascom Ave / 85 Northbound Ramps*	E	C	23.5	0.413	28.0	C	23.5	0.422	28	0.018	0.00	NO
4	S Bascom Ave / 85 Southbound Ramps*	E	B-	19.4	0.442	18.1	B-	19.7	0.46	18.5	0.000	0.40	NO
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	C	30.7	0.583	37.9	C	30.9	0.63	38.7	0.006	0.80	NO
7	Samaritan Ct / Samaritan Dr	D	C	23.4	0.363	23.6	C+	22.9	0.369	23.5	0.000	-0.10	NO
10	85 Southbound off-Ramp / Samaritan Dr	D	C+	21.4	0.624	22.5	C+	21.9	0.655	23	0.035	0.50	NO
11	Union Ave / Camden Ave*	E	D	49.2	0.681	43.0	D	49.3	0.682	43	0.000	0.00	NO
12	Union Ave / 85 Northbound On-Ramp	D	B	17.7	0.500	23.2	B-	18.3	0.522	23.7	0.001	0.50	NO
13	Union Ave / 85 Southbound Ramp	D	C+	20.6	0.456	20.0	C+	20.5	0.491	20.6	0.000	0.60	NO
14	Union Ave / Los Gatos Almaden Rd	D	D+	36.3	0.662	42.4	D+	36.4	0.667	42.7	0.006	0.30	NO
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	**F**	**89.7**	**1.294**	**200.4**	**F**	**89.6**	**1.294**	**200.4**	0.000	0.00	NO
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C-	33.5	0.854	39.7	C-	33.5	0.855	39.7	0.000	0.00	NO
17	Winchester Blvd / Lark Ave	D	C+	21.3	0.683	20.1	C+	21.3	0.686	20.3	0.000	0.20	NO
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.0	0.528	28.7	C	30	0.534	28.8	0.000	0.10	NO
19	17 Northbbound Ramps / Lark Ave	D	B	15.8	0.617	26.5	B	16.1	0.623	26.9	0.000	0.40	NO
20	Los Gatos Blvd / Lark Ave*	E	D+	35.2	0.643	37.5	D+	35.5	0.652	37.8	0.000	0.30	NO
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.8	0.475	29.8	C	27.7	0.476	29.8	0.000	0.00	NO
22	National Ave / Los Gatos Almaden Rd	D	B	13.8	0.374	17.4	B	13.8	0.374	17.4	0.000	0.00	NO
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	C+	20.2	0.370	17.8	C+	20.2	0.37	17.8	0.000	0.00	NO
24	Walker St / Los Gatos Blvd	D	B	14.6	0.398	13.1	B	14.6	0.408	13.2	0.000	0.10	NO
* - CMP Intersection													

#	Intersection	LOS Criteria	PM Peak										
			Background				Background Plus Phae 1 Project				Crit V/C Change	Avg Crit Del Change	Impact
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)			
Signalized Intersections													
1	S Bascom Ave / Camden Ave*	E	D	50.4	0.718	49.6	D	50.7	0.724	50.3	0.006	0.70	NO
2	S Bascom Ave / White Oaks Ave	D	C+	21.0	0.406	18.6	C+	20.8	0.413	18.4	0.007	0.00	NO
3	S Bascom Ave / 85 Northbound Ramps*	E	C+	21.0	0.425	29.7	C+	20.9	0.435	29.8	0.010	-0.20	NO
4	S Bascom Ave / 85 Southbound Ramps*	E	C	26.2	0.739	30.4	C	26.3	0.753	30.7	0.014	0.00	NO
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	D-	54.3	0.930	60.2	E	60.4	0.973	69.1	0.043	0.10	NO
7	Samaritan Ct / Samaritan Dr	D	C-	32.2	0.432	30.8	C-	32.7	0.471	33.4	0.039	0.00	NO
10	85 Southbound off-Ramp / Samaritan Dr	D	B	17.1	0.378	17.5	B	16.9	0.397	17.5	0.019	0.30	NO
11	Union Ave / Camden Ave*	E	E	61.7	0.897	71.2	E	62.1	0.901	71.8	0.004	0.00	NO
12	Union Ave / 85 Northbound On-Ramp	D	B	17.3	0.480	24.0	B	17.4	0.483	24.1	0.003	8.90	NO
13	Union Ave / 85 Southbound Ramp	D	C	24.0	0.539	27.3	C	24.1	0.554	27.3	0.015	0.00	NO
14	Union Ave / Los Gatos Almaden Rd	D	C-	32.8	0.565	31.5	C-	32.9	0.569	31.6	0.004	-0.10	NO
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	D-	51.4	1.019	94.9	D-	51.4	1.019	94.9	0.000	0.00	NO
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C	27.4	0.741	29.4	C	27.4	0.742	29.5	0.001	2.60	NO
17	Winchester Blvd / Lark Ave	D	C+	20.5	0.693	21.7	C+	20.6	0.698	21.9	0.005	0.00	NO
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.4	0.641	31.1	C	30.4	0.642	31.1	0.001	0.10	NO
19	17 Northbbound Ramps / Lark Ave	D	B	14.2	0.622	25.9	B	14.2	0.628	25.9	0.006	0.00	NO
20	Los Gatos Blvd / Lark Ave*	E	D+	37.3	0.734	41.7	D+	37.5	0.738	41.8	0.004	0.10	NO
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.9	0.647	34.5	C	27.8	0.647	34.5	0.000	0.00	NO
22	National Ave / Los Gatos Almaden Rd	D	B	14.7	0.443	12.9	B	14.7	0.443	12.9	0.000	0.00	NO
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	B-	20.0	0.519	24.1	B-	20	0.519	24.1	0.000	0.00	NO
24	Walker St / Los Gatos Blvd	D	C	24.3	0.662	26.3	C	24.3	0.664	26.4	0.002	0.60	NO
* - CMP Intersection													

San José and Los Gatos Intersections LOS Results

All study intersections within the City of San José and Town of Los Gatos, operates at an acceptable LOS (LOS D or better) during both AM and PM peak hours under Background Plus Phase 1 Conditions.

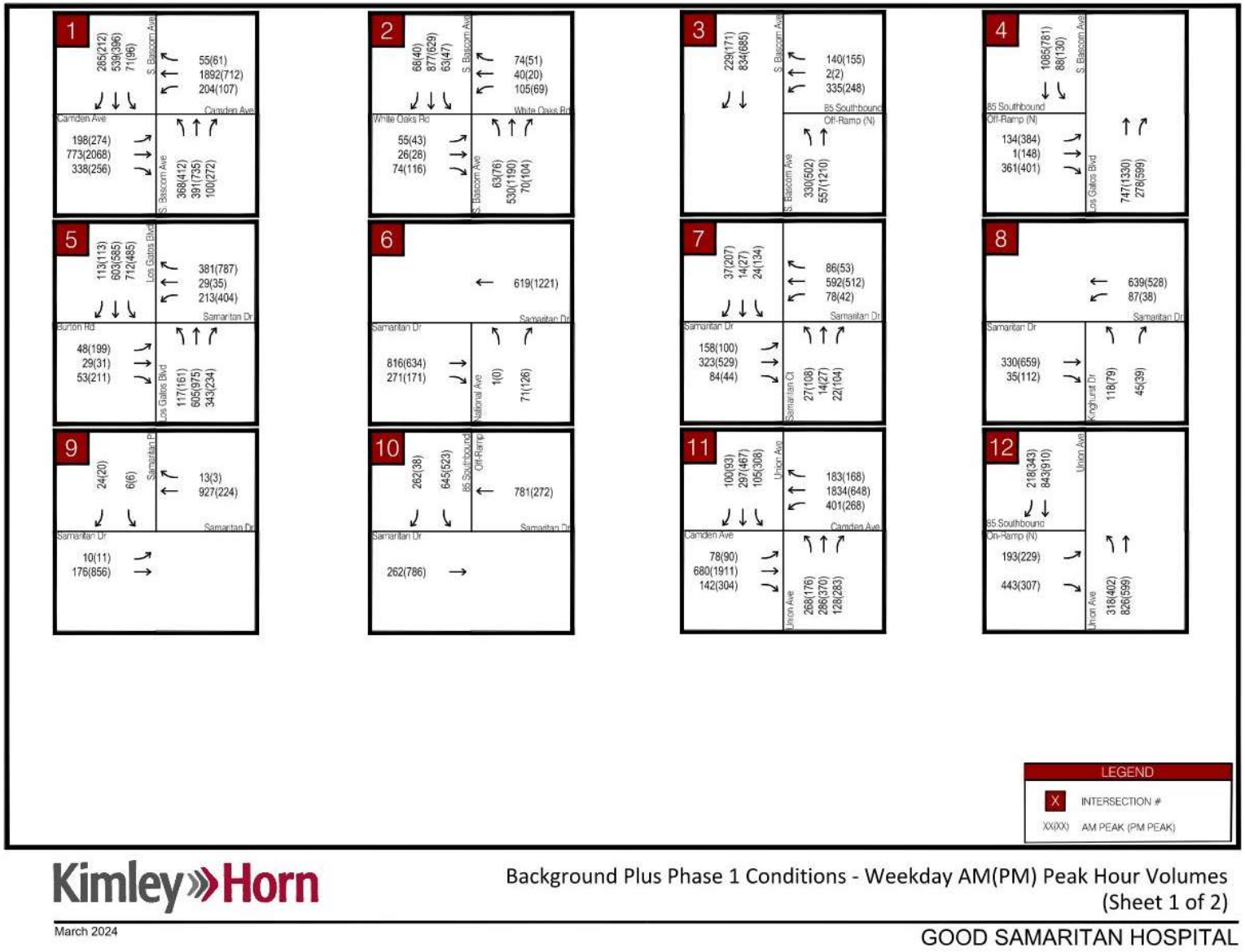
CMP Intersections LOS Results

All CMP intersections within the City of San José, City of Campbell, and Town of Los Gatos, operate at an acceptable LOS (E or better) during both AM and PM peak hours under Background Plus Phase 1 Conditions, except for the following CMP intersection within Town of Los Gatos, which continues to operate at unacceptable LOS during the AM peak hour:

- Int.#15 - SR 17 Southbound Off-Ramp / Camden Avenue – San Thomas Expy. (CMP)
    - LOS F (Delay 89.6, V/C 1.294, Critical Delay 200.4)

The Project is not anticipated to create a significant traffic adverse effect under Background Plus Project Phase 1 Conditions. Intersection turning-movement counts and TRAFFIX output sheets are provided in the **Appendix E.**

Figure 18: Background Plus Project Phase 1 Traffic Volumes

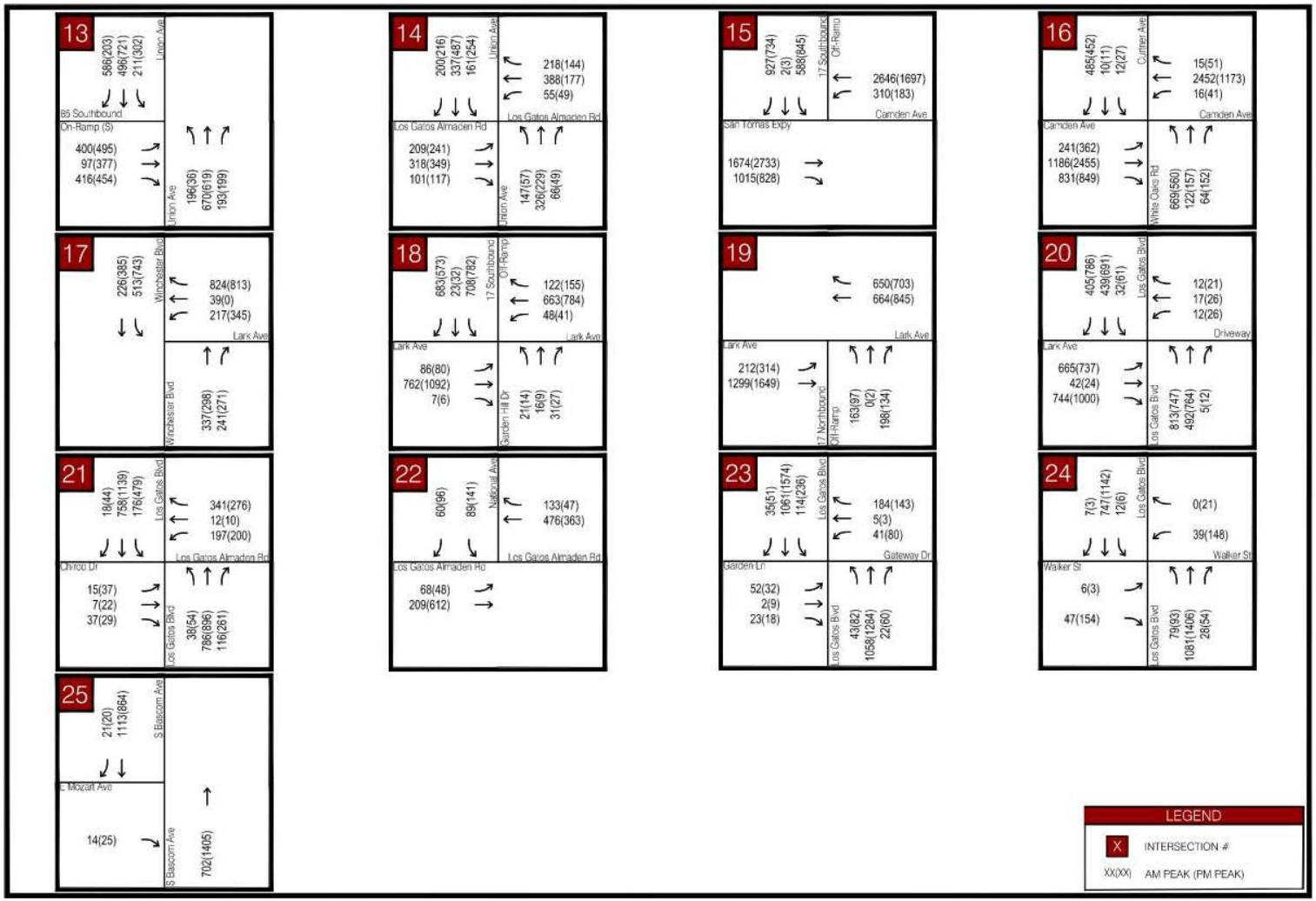


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Background Plus Phase 1 Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 1 of 2)

March 2024

GOOD SAMARITAN HOSPITAL



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Background Plus Phase 1 Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 2 of 2)

March 2024

GOOD SAMARITAN HOSPITAL

Phase 3 (Buildout) Conditions

Traffic operations for the study intersections under Phase 3 (Buildout) Project conditions are shown below in **Table 21** and **Figure 19**.

San José and Los Gatos Intersections LOS Results

All study intersections within the City of San José and Town of Los Gatos, operates at an acceptable LOS (LOS D or better) during both AM and PM peak hours under Background Plus Project Phase 3 (Buildout) Conditions.

CMP Intersections LOS Results

All CMP intersections within the City of San José, City of Campbell, and Town of Los Gatos, operate at an acceptable LOS (E or better) during both AM and PM peak hours under Background Plus Project Phase 3 (Buildout) Conditions, except for the following CMP intersection within Town of Los Gatos, which operates at unacceptable LOS during the AM peak hour:

- Int.#15 - SR 17 Southbound Off-Ramp / Camden Avenue – San Thomas Expy. (CMP)
    - LOS F (Delay 89.4, V/C 1.294, Critical Delay 200.4)

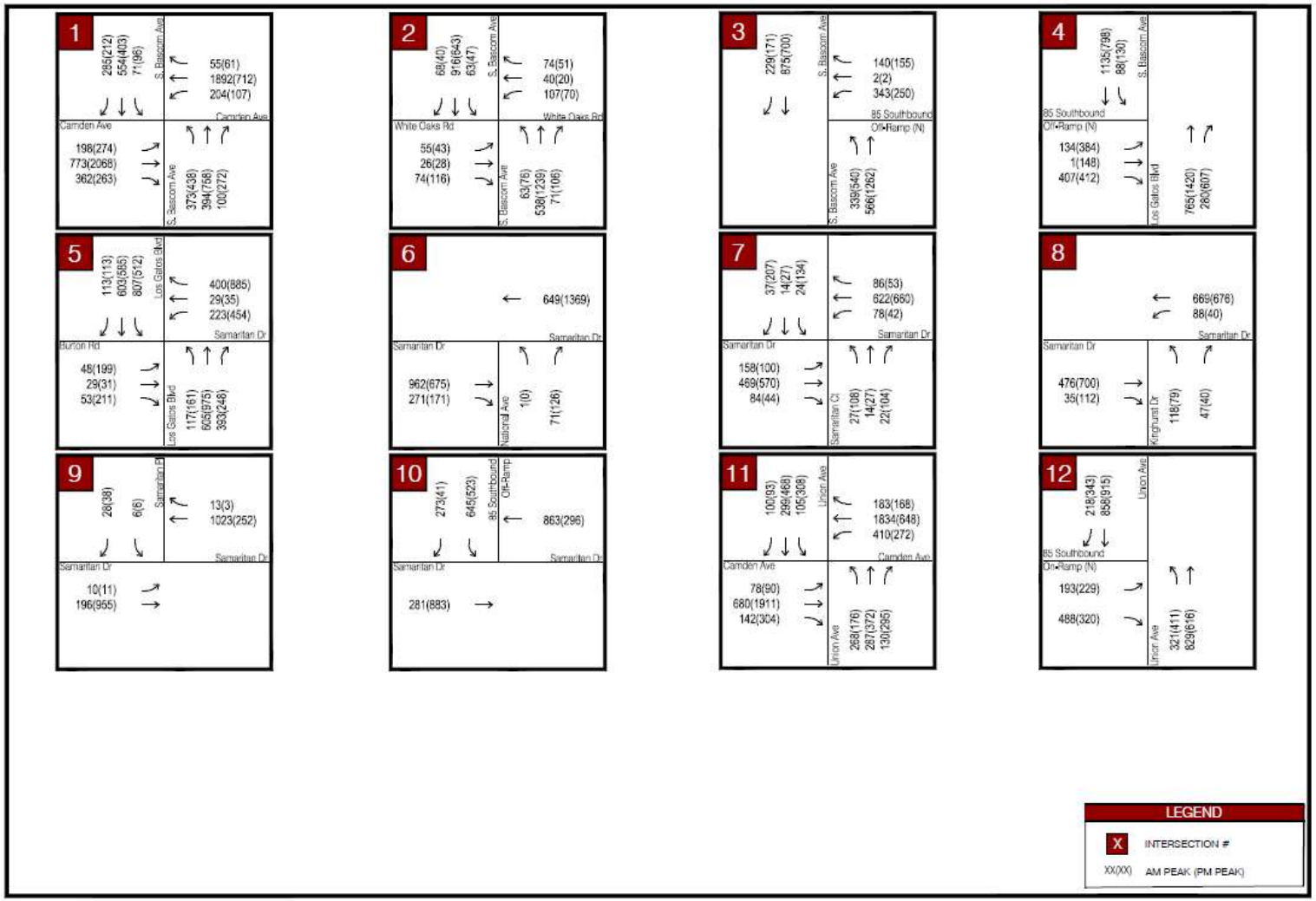
The Project is not anticipated to create a significant traffic adverse effect under Background Plus Project Phase 3 (Buildout) Conditions. Intersection turning-movement counts and TRAFFIX output sheets are provided in the **Appendix F.**

Table 21: Intersection Operations Summary of Background Plus Phase 3 (Buildout) Project

#	Intersection	LOS Criteria	AM Peak										
			Background				Background Plus Buildout Project				Crit V/C Change	Avg Crit Del Change	Impact
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)			
Signalized Intersections													
1	S Bascom Ave / Camden Ave*	E	E+	55.1	0.792	58.7	E+	55.3	0.795	59.1	0.003	0.40	NO
2	S Bascom Ave / White Oaks Ave	D	C	24.5	0.342	22.0	C	24	0.358	21.6	0.016	-0.40	NO
3	S Bascom Ave / 85 Northbound Ramps*	E	C	23.5	0.413	28.0	C	23.6	0.436	28.1	0.023	0.10	NO
4	S Bascom Ave / 85 Southbound Ramps*	E	B-	19.4	0.442	18.1	C+	20.2	0.488	19.2	0.046	1.10	NO
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	C	30.7	0.583	37.9	C	31.7	0.698	40.4	0.115	2.50	NO
7	Samaritan Ct / Samaritan Dr	D	C	23.4	0.363	23.6	C+	21.8	0.378	23.2	0.015	-0.40	NO
10	85 Southbound off-Ramp / Samaritan Dr	D	C+	21.4	0.624	22.5	C+	22.8	0.701	23.8	0.077	1.30	NO
11	Union Ave / Camden Ave*	E	D	49.2	0.681	43.0	D	49.4	0.682	43.1	0.001	0.10	NO
12	Union Ave / 85 Northbound On-Ramp	D	B	17.7	0.500	23.2	B-	19.1	0.555	24.5	0.055	1.30	NO
13	Union Ave / 85 Southbound Ramp	D	C+	20.6	0.456	20.0	C+	20.6	0.543	21.6	0.087	1.60	NO
14	Union Ave / Los Gatos Almaden Rd	D	D+	36.3	0.662	42.4	D+	36.5	0.674	43	0.012	0.60	NO
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	**F**	**89.7**	**1.294**	**200.4**	**F**	**89.4**	**1.294**	**200.4**	0.000	0.00	NO
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C-	33.5	0.854	39.7	C-	33.5	0.855	39.7	0.001	0.00	NO
17	Winchester Blvd / Lark Ave	D	C+	21.3	0.683	20.1	C+	21.4	0.69	20.5	0.007	0.40	NO
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.0	0.528	28.7	C	30.1	0.542	29	0.014	0.30	NO
19	17 Northbbound Ramps / Lark Ave	D	B	15.8	0.617	26.5	B	16.4	0.633	27.4	0.016	0.90	NO
20	Los Gatos Blvd / Lark Ave*	E	D+	35.2	0.643	37.5	D+	36	0.664	38.3	0.021	0.80	NO
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.8	0.475	29.8	C	27.7	0.478	29.7	0.003	-0.10	NO
22	National Ave / Los Gatos Almaden Rd	D	B	13.8	0.374	17.4	B	13.8	0.374	17.4	0.000	0.00	NO
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	C+	20.2	0.370	17.8	C+	20.2	0.37	17.8	0.000	0.00	NO
24	Walker St / Los Gatos Blvd	D	B	14.6	0.398	13.1	B	14.6	0.423	13.3	0.025	0.20	NO
* - CMP Intersection													

#	Intersection	LOS Criteria	PM Peak										
			Background				Background Plus Buildout Project				Crit V/C Change	Avg Crit Del Change	Impact
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)			
Signalized Intersections													
1	S Bascom Ave / Camden Ave*	E	D	50.4	0.718	49.6	D-	51.1	0.733	51.2	0.015	1.60	NO
2	S Bascom Ave / White Oaks Ave	D	C+	21.0	0.406	18.6	C+	20.6	0.424	18.2	0.018	-0.40	NO
3	S Bascom Ave / 85 Northbound Ramps*	E	C+	21.0	0.425	29.7	C+	20.9	0.451	30	0.026	0.30	NO
4	S Bascom Ave / 85 Southbound Ramps*	E	C	26.2	0.739	30.4	C	26.5	0.776	31.1	0.037	0.70	NO
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	D-	54.3	0.930	60.2	E	71.6	1.036	85.6	0.106	25.40	NO
7	Samaritan Ct / Samaritan Dr	D	C-	32.2	0.432	30.8	C	31.6	0.517	32.4	0.085	1.60	NO
10	85 Southbound off-Ramp / Samaritan Dr	D	B	17.1	0.378	17.5	B	16.6	0.424	17.4	0.046	-0.10	NO
11	Union Ave / Camden Ave*	E	E	61.7	0.897	71.2	E	62.7	0.908	72.8	0.011	1.60	NO
12	Union Ave / 85 Northbound On-Ramp	D	B	17.3	0.480	24.0	B	17.4	0.488	24.2	0.008	0.20	NO
13	Union Ave / 85 Southbound Ramp	D	C	24.0	0.539	27.3	C	24.2	0.577	27.2	0.038	-0.10	NO
14	Union Ave / Los Gatos Almaden Rd	D	C-	32.8	0.565	31.5	C-	33.2	0.575	31.7	0.010	0.20	NO
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	D-	51.4	1.019	94.9	D-	51.4	1.019	94.9	0.000	0.00	NO
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C	27.4	0.741	29.4	C	27.5	0.743	29.5	0.002	0.10	NO
17	Winchester Blvd / Lark Ave	D	C+	20.5	0.693	21.7	C+	20.8	0.704	22.1	0.011	0.40	NO
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.4	0.641	31.1	C	30.4	0.645	31.2	0.004	0.10	NO
19	17 Northbbound Ramps / Lark Ave	D	B	14.2	0.622	25.9	B	14.3	0.637	26.1	0.015	0.20	NO
20	Los Gatos Blvd / Lark Ave*	E	D+	37.3	0.734	41.7	D+	37.7	0.744	42.2	0.010	0.50	NO
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.9	0.647	34.5	C	27.8	0.648	34.5	0.001	0.00	NO
22	National Ave / Los Gatos Almaden Rd	D	B	14.7	0.443	12.9	B	14.7	0.443	12.9	0.000	0.00	NO
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	B-	20.0	0.519	24.1	B-	19.9	0.52	24.1	0.001	0.00	NO
24	Walker St / Los Gatos Blvd	D	C	24.3	0.662	26.3	C	24.4	0.668	26.4	0.006	0.10	NO
* - CMP Intersection													

Figure 19: Background Plus Project Phase 3 (Buildout) Traffic Volumes

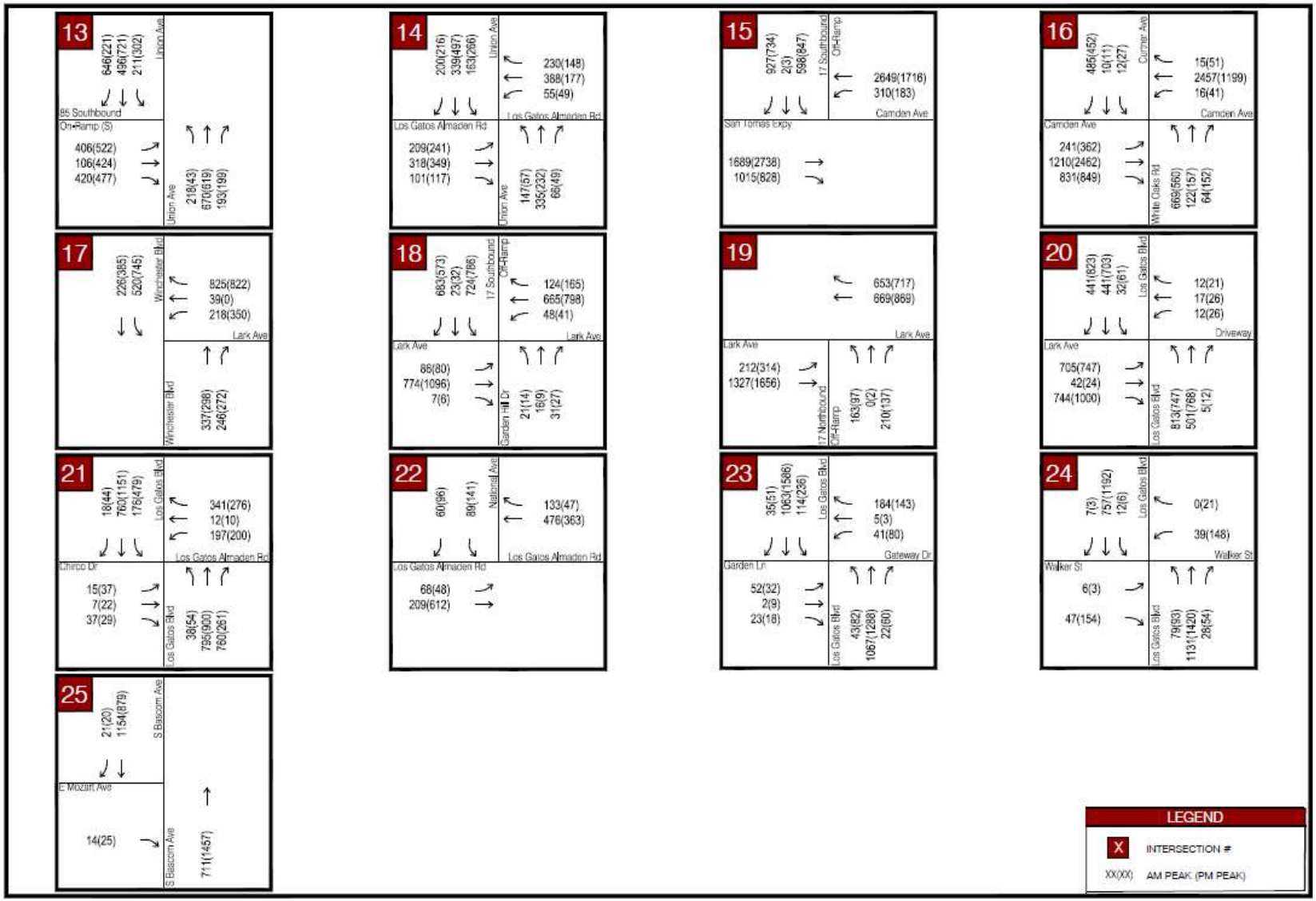


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Background Plus Phase 3 (Buildout) Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 1 of 2)

March 2024

GOOD SAMARITAN HOSPITAL



Kimley»Horn

Background Plus Phase 3 (Buildout) Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 2 of 2)

March 2024

GOOD SAMARITAN HOSPITAL

6.4 Cumulative Conditions Analysis

The Cumulative scenario was evaluated using peak-hour traffic volumes, intersection geometry, and traffic control from forecasted traffic growth from approved Projects and other proposed but pending developments in the Project study area. No pending Projects were identified within the City of San José and the City of Campbell. However, the following pending Projects in the Town of Los Gatos were included in the cumulative analysis.

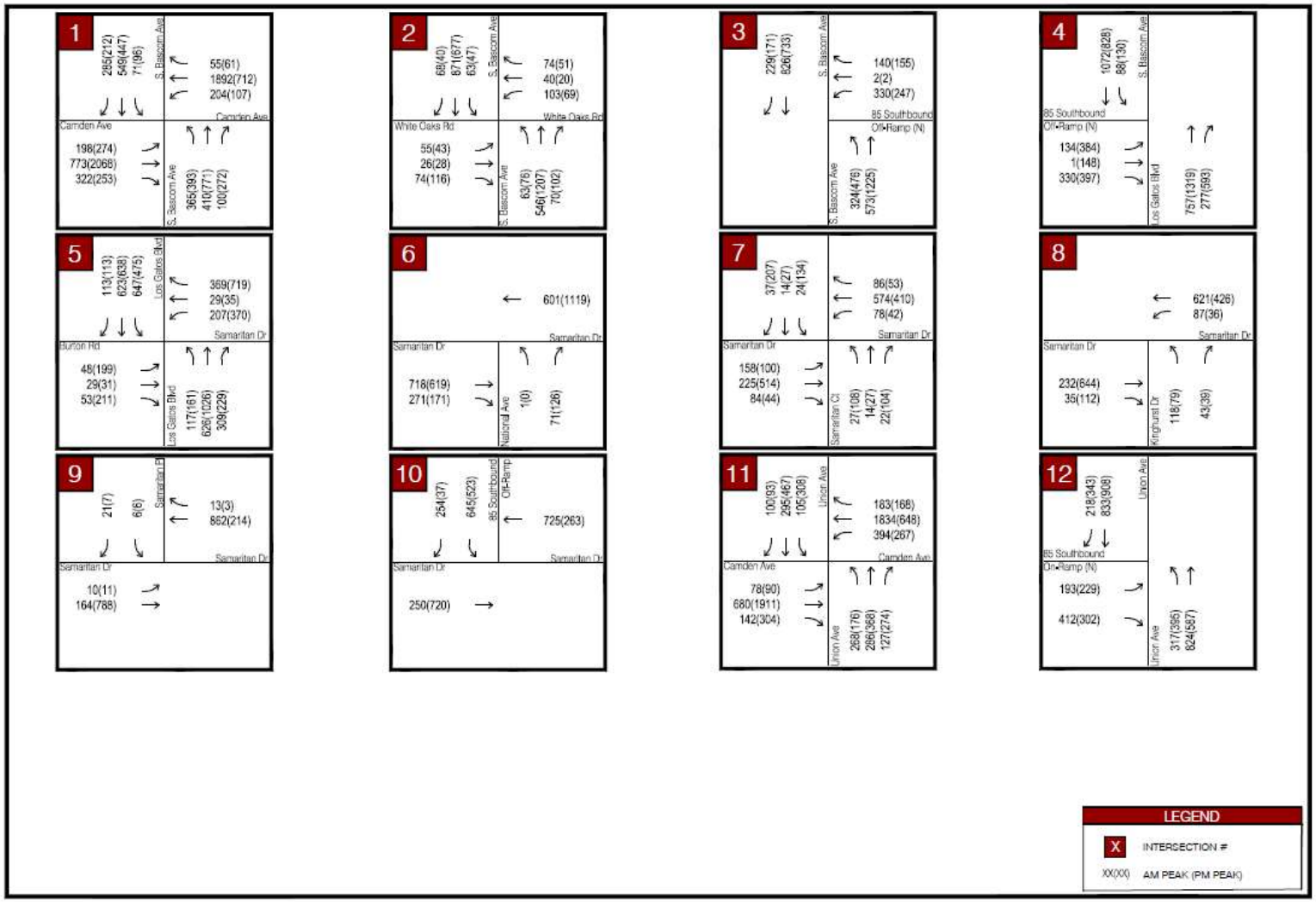
- 14926 Los Gatos Blvd. – Residential/Commercial (Town of Los Gatos)
  - 6,100 square feet commercial and 5 apartment units
- 15475 Los Gatos Blvd. – Commercial (Town of Los Gatos)
  - 4,700 square feet restaurant with drive-through
- 15860 Winchester Blvd. – Residential (Town of Los Gatos)
  - 107 assisted living units,18 memory care units and removal of 3 existing single family homes
- 15600-15659 Los Gatos Blvd. – Commercial
  - 40,190 square feet of grocery store and removal of 27,580 square feet of existing car dealership

Traffic operations for the study intersections under Cumulative conditions are shown below in **Table 22** and **Figure 20**. TRAFFIX output sheets for Background conditions are provided in the **Appendix G**.

Table 22: Intersection Operations Summary of Cumulative Conditions

#	Intersection	LOS Criteria	Control	Cumulative Conditions							
				AM Peak				PM Peak			
				LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)
Signalized Intersections											
1	S Bascom Ave / Camden Ave*	E	Signalized	E+	55.2	0.792	58.8	D	50.9	0.714	49.8
2	S Bascom Ave / White Oaks Ave	D	Signalized	C	24.2	0.346	21.8	C+	20.6	0.416	18.3
3	S Bascom Ave / 85 Northbound Ramps*	E	Signalized	C	23.3	0.417	27.9	C+	20.7	0.435	29.5
4	S Bascom Ave / 85 Southbound Ramps*	E	Signalized	B-	19.2	0.447	18	C	26.2	0.749	30.5
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr*	E	Signalized	C	30.7	0.583	37.9	E+	55.3	0.94	61.9
7	Samaritan Ct / Samaritan Dr	D	Signalized	C	23.4	0.363	23.6	C-	32.2	0.432	30.8
10	SR 5 Southbound off-Ramp / Samaritan Dr	D	Signalized	C+	21.4	0.624	22.5	B	17.1	0.378	17.5
11	Union Ave / Camden Ave*	E	Signalized	D	49.2	0.681	43	E	61.7	0.897	71.2
12	Union Ave / SR 85 Northbound On-Ramp	D	Signalized	B	17.7	0.5	23.2	B	17.3	0.48	24
13	Union Ave / SR 85 Southbound Ramp	D	Signalized	C+	20.6	0.456	20	C	24	0.539	27.3
14	Union Ave / Los Gatos Almaden Rd	D	Signalized	D+	36.3	0.662	42.4	C-	32.8	0.565	31.5
15	SR 17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	Signalized	**F**	**89.7**	**1.294**	**200.4**	D-	51.4	1.019	94.9
16	White Oaks Rd - Curtner Ave / Camden Ave*	E	Signalized	C-	33.5	0.854	39.7	C	27.4	0.741	29.4
17	Winchester Blvd / Lark Ave	D	Signalized	C+	21.3	0.684	20.2	C+	20.6	0.696	21.9
18	SR 17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	Signalized	C	31.1	0.486	29.4	C	30.4	0.541	28.9
19	SR 17 Northbbound Ramps / Lark Ave	D	Signalized	B	15.9	0.617	26.6	B	14.4	0.627	26.2
20	Los Gatos Blvd / Lark Ave*	E	Signalized	C-	33.1	0.592	35.8	C-	34.5	0.683	39.3
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	Signalized	C	27.9	0.498	30.4	C	28.7	0.691	35.5
22	National Ave / Los Gatos Almaden Rd	D	Signalized	B	13.7	0.38	17.2	B	14.5	0.455	12.8
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	Signalized	C+	21.1	0.417	22	B-	19.8	0.529	23.9
24	Walker St / Los Gatos Blvd	D	Signalized	B	14.6	0.398	13.1	C	24.3	0.662	26.3
* - CMP Intersection											

Figure 20: Cumulative Traffic Volumes

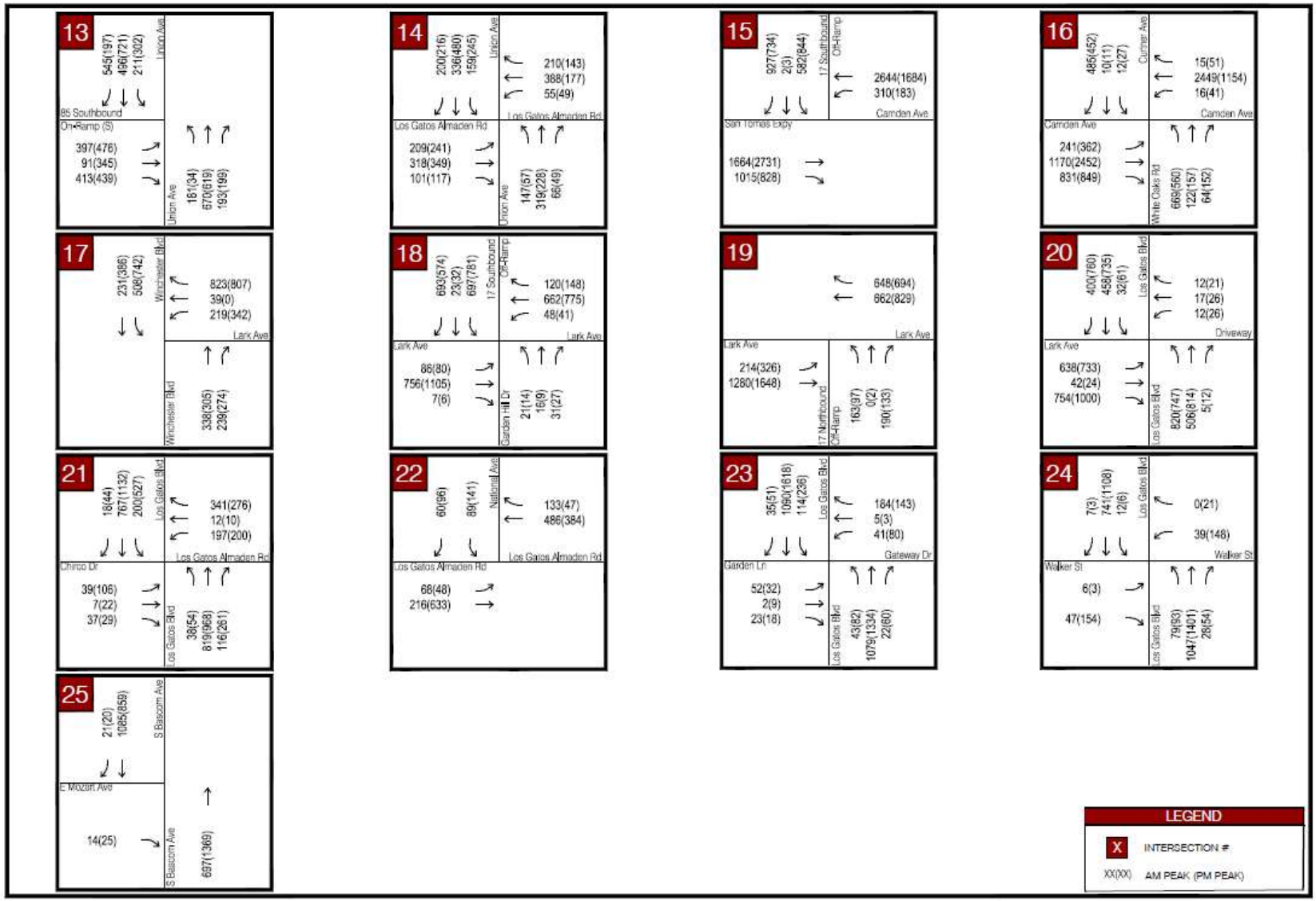


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Cumulative Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 1 of 2)

March 2024

GOOD SAMARITAN HOSPITAL


13
545(197)
496(721)
211(302)
Union Ave
85 Southbound
Off-Ramp (S)
397(476)
91(345)
413(439)
Union Ave
161(34)
670(619)
193(199)
14
200(216)
336(480)
159(245)
Union Ave
210(143)
388(177)
55(49)
Los Gatos Almaden Rd
Los Gatos Almaden Rd
209(241)
318(349)
101(117)
Union Ave
147(57)
319(226)
66(49)
15
927(734)
2(3)
582(844)
17 Southbound Off-Ramp
2644(1684)
310(183)
Camden Ave
San Tomas Expy
1664(2731)
1015(828)
16
485(452)
10(11)
12(27)
Curtner Ave
15(51)
2449(1154)
16(41)
Camden Ave
Camden Ave
241(362)
1170(2452)
831(849)
White Oaks Rd
669(560)
122(157)
64(152)
17
231(366)
508(742)
Winchester Blvd
823(807)
39(0)
219(342)
Lark Ave
Winchester Blvd
338(305)
239(274)
18
693(574)
23(32)
697(761)
17 Southbound Off-Ramp
120(148)
662(775)
48(41)
Lark Ave
Lark Ave
86(80)
756(1105)
7(6)
Garden Hill Dr
21(14)
16(9)
31(27)
19
648(694)
662(829)
Lark Ave
Lark Ave
214(326)
1280(1648)
17 Northbound Off-Ramp
163(97)
0(2)
190(133)
20
400(760)
458(735)
32(61)
Los Gatos Blvd
12(21)
17(26)
12(26)
Driveway
Lark Ave
638(733)
42(24)
754(1000)
Los Gatos Blvd
820(747)
506(814)
5(12)
21
18(44)
767(1132)
200(527)
Los Gatos Blvd
341(276)
12(10)
197(200)
Los Gatos Almaden Rd
Chirco Dr
39(106)
7(22)
37(29)
Los Gatos Blvd
38(54)
819(968)
116(261)
22
60(96)
89(141)
National Ave
133(47)
486(384)
Los Gatos Almaden Rd
Los Gatos Almaden Rd
68(48)
216(633)
23
35(51)
1090(1618)
114(236)
Los Gatos Blvd
184(143)
5(3)
41(80)
Gateway Dr
Garden Ln
52(32)
2(9)
23(18)
Los Gatos Blvd
43(82)
1079(1334)
22(60)
24
7(3)
74(1108)
12(6)
Los Gatos Blvd
0(21)
39(148)
Walker St
Walker St
6(3)
47(154)
Los Gatos Blvd
79(93)
1047(1401)
28(54)
25
21(20)
1085(859)
S Bascom Ave
E Mozart Ave
14(25)
S Bascom Ave
697(1369)
LEGEND
X INTERSECTION #
XX(XX) AM PEAK (PM PEAK)

6.5 Cumulative Plus Phase 3 (Buildout) Analysis

The net Project vehicle trips from the Good Samaritan Hospital with Phase 3 (Buildout) was added to the Cumulative scenario to evaluate Cumulative Plus Project conditions, and the results are shown below in **Table 23** and **Figure 21.** Under Cumulative Plus Project Phase 3 (Buildout) Conditions, all signalized study intersections operate at acceptable LOS during both AM and PM peak hour, except for the following intersection which operates at unacceptable LOS during the AM peak hour:

- Int.#15 - SR 17 Southbound Off-Ramp / Camden Avenue – San Thomas Expy. (CMP)
    - LOS F (Delay 89.4, V/C 1.294, Critical Delay 200.4)

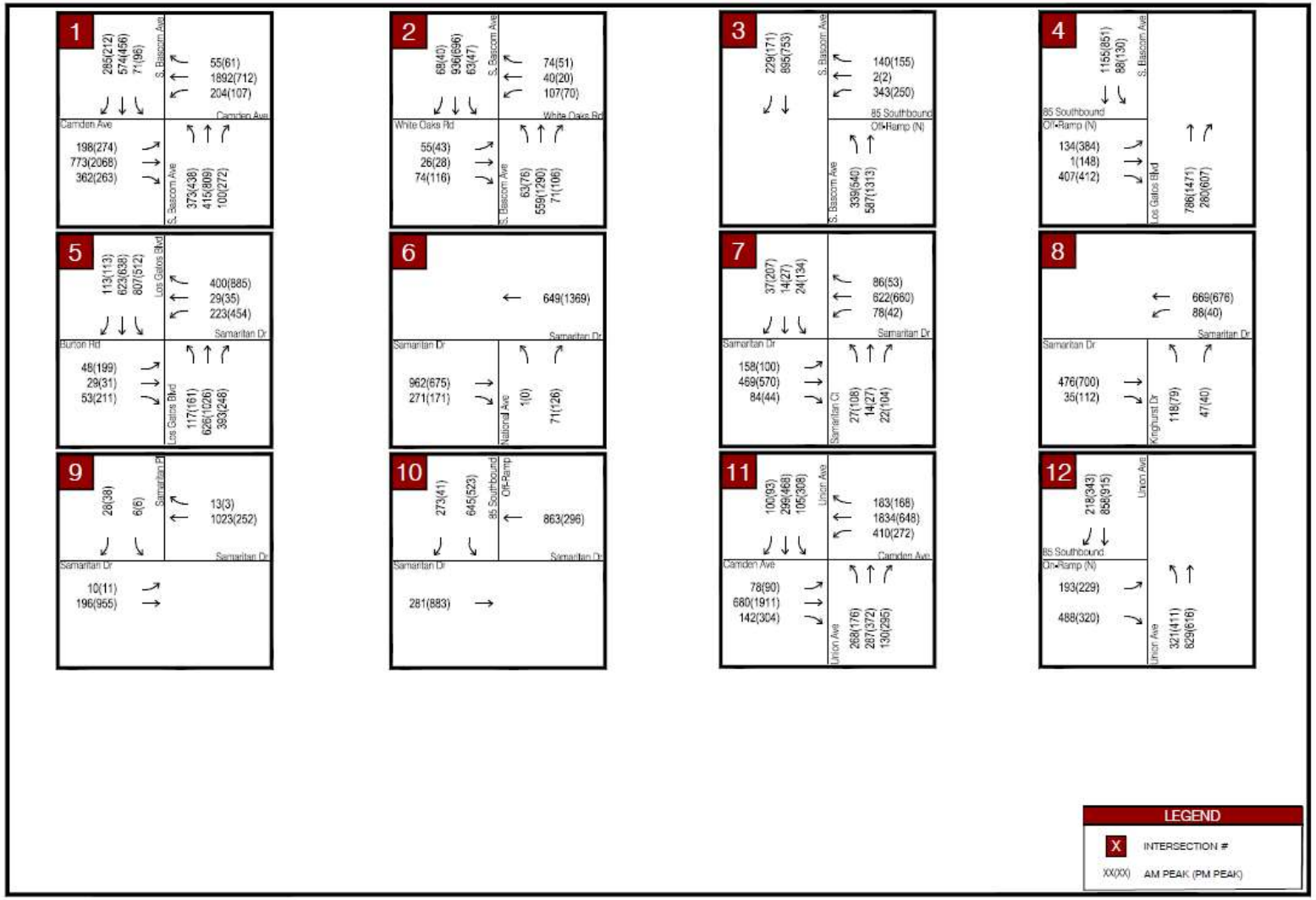
The study intersections are anticipated to operate at acceptable LOS during the AM and PM peak hour, and the Project is not anticipated to create a significant traffic adverse effect under Cumulative Plus Project Phase 3 (Buildout) conditions. TRAFFIX output sheets for Cumulative Plus Project Phase 3 (Buildout) conditions are provided in the **Appendix H.**

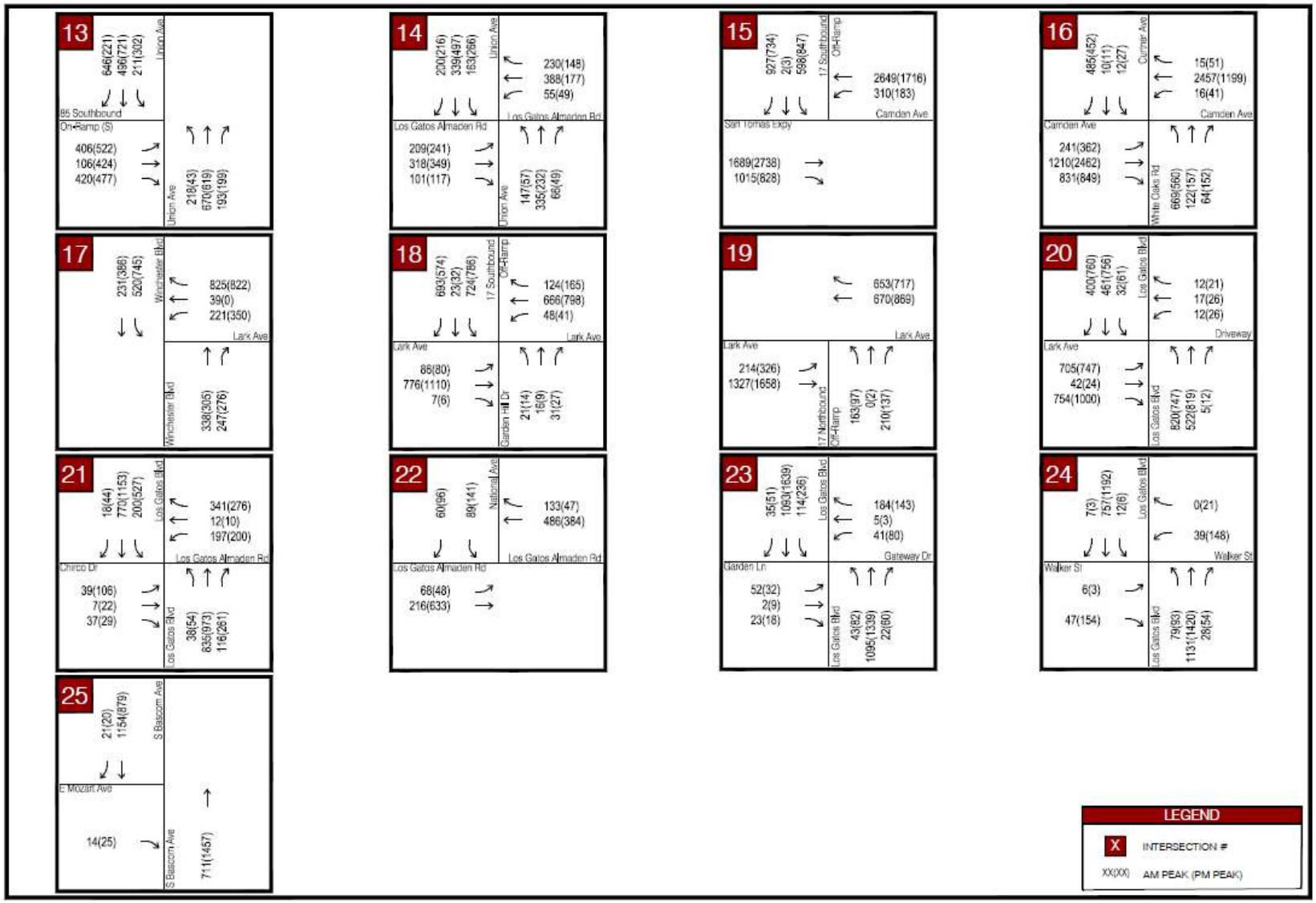
Table 23: Intersection Operations Summary of Cumulative Plus Phase 3 (Buildout) Project

#	Intersection	LOS Criteria	AM Peak										
			Cumulative				Cumulative Plus Buildout Project				Crit V/C Change	Avg Crit Del Change	Impact
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)			
Signalized Intersections													
1	S Bascom Ave / Camden Ave*	E	E+	55.2	0.792	58.8	E+	55.3	0.79	58.8	-0.002	0.00	NO
2	S Bascom Ave / White Oaks Ave	D	C	24.2	0.346	21.8	C	23.8	0.362	21.4	0.016	-0.40	NO
3	S Bascom Ave / 85 Northbound Ramps*	E	C	23.3	0.417	27.9	C	23.4	0.44	27.9	0.023	0.00	NO
4	S Bascom Ave / 85 Southbound Ramps*	E	B-	19.2	0.447	18.0	C+	20.1	0.494	19.1	0.047	1.10	NO
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	C	30.7	0.583	37.9	C	31.6	0.698	40.4	0.115	2.50	NO
7	Samaritan Ct / Samaritan Dr	D	C	23.4	0.363	23.6	C+	21.8	0.378	23.2	0.015	-0.40	NO
10	85 Southbound off-Ramp / Samaritan Dr	D	C+	21.4	0.624	22.5	C+	22.8	0.701	23.8	0.077	1.30	NO
11	Union Ave / Camden Ave*	E	D	49.2	0.681	43.0	D	49.4	0.682	43.1	0.001	0.10	NO
12	Union Ave / 85 Northbound On-Ramp	D	B	17.7	0.500	23.2	B-	19.1	0.555	24.5	0.055	1.30	NO
13	Union Ave / 85 Southbound Ramp	D	C+	20.6	0.456	20.0	C+	20.6	0.543	21.6	0.087	1.60	NO
14	Union Ave / Los Gatos Almaden Rd	D	D+	36.3	0.662	42.4	D+	36.5	0.674	43	0.012	0.60	NO
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	**F**	**89.7**	**1.294**	**200.4**	**F**	**89.4**	**1.294**	**200.4**	0.000	0.00	NO
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C-	33.5	0.854	39.7	C-	33.5	0.855	39.7	0.001	0.00	NO
17	Winchester Blvd / Lark Ave	D	C+	21.3	0.684	20.2	C+	21.4	0.69	20.5	0.006	0.30	NO
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	31.1	0.486	29.4	C	31.2	0.496	29.5	0.010	0.10	NO
19	17 Northbbound Ramps / Lark Ave	D	B	15.9	0.617	26.6	B	16.5	0.633	27.5	0.016	0.90	NO
20	Los Gatos Blvd / Lark Ave*	E	C-	33.1	0.592	35.8	C-	33.7	0.608	36.4	0.016	0.60	NO
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	27.9	0.498	30.4	C	27.8	0.501	30.4	0.003	0.00	NO
22	National Ave / Los Gatos Almaden Rd	D	B	13.7	0.380	17.2	B	13.7	0.38	17.2	0.000	0.00	NO
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	C+	21.1	0.417	22.0	C+	21	0.42	21.9	0.003	-0.10	NO
24	Walker St / Los Gatos Blvd	D	B	14.6	0.398	13.1	B	14.6	0.423	13.3	0.025	0.20	NO
* - CMP Intersection													

#	Intersection	LOS Criteria	PM Peak										
			Cumulative				Cumulative Plus Buildout Project				Crit V/C Change	Avg Crit Del Change	Impact
			LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)	LOS	Delay (Sec)	v/c Ratio	Crit. Delay (sec)			
Signalized Intersections													
1	S Bascom Ave / Camden Ave*	E	D	50.9	0.714	49.8	D-	51.6	0.731	51.4	0.017	1.60	NO
2	S Bascom Ave / White Oaks Ave	D	C+	20.6	0.416	18.3	C+	20.2	0.435	17.9	0.019	-0.40	NO
3	S Bascom Ave / 85 Northbound Ramps*	E	C+	20.7	0.435	29.5	C+	20.7	0.461	29.8	0.026	0.30	NO
4	S Bascom Ave / 85 Southbound Ramps*	E	C	26.2	0.749	30.5	C	26.4	0.785	31.3	0.036	0.80	NO
5	Los Gatos Blvd / Bascom Ave. - Samaritan Dr	E	E+	55.3	0.940	61.9	E	73.3	1.046	88.5	0.106	26.60	NO
7	Samaritan Ct / Samaritan Dr	D	C-	32.2	0.432	30.8	C	31.6	0.517	32.4	0.085	1.60	NO
10	85 Southbound off-Ramp / Samaritan Dr	D	B	17.1	0.378	17.5	B	16.6	0.424	17.4	0.046	-0.10	NO
11	Union Ave / Camden Ave*	E	E	61.7	0.897	71.2	E	62.7	0.908	72.8	0.011	1.60	NO
12	Union Ave / 85 Northbound On-Ramp	D	B	17.3	0.480	24.0	B	17.4	0.488	24.2	0.008	0.20	NO
13	Union Ave / 85 Southbound Ramp	D	C	24.0	0.539	27.3	C	24.2	0.577	27.2	0.038	-0.10	NO
14	Union Ave / Los Gatos Almaden Rd	D	C-	32.8	0.565	31.5	C-	33.2	0.575	31.7	0.010	0.20	NO
15	17 Southbound Off-Ramp / Camden Ave - San Tomas Expy*	E	D-	51.4	1.019	94.9	D-	51.4	1.019	94.9	0.000	0.00	NO
16	White Oaks Rd - Curtner Ave / Camden Ave	E	C	27.4	0.741	29.4	C	27.5	0.743	29.5	0.002	0.10	NO
17	Winchester Blvd / Lark Ave	D	C+	20.6	0.696	21.9	C+	20.9	0.707	22.2	0.011	0.30	NO
18	17 Southbound Off-Ramp - Garden Hill Dr / Lark Ave	D	C	30.4	0.541	28.9	C	30.5	0.544	28.9	0.003	0.00	NO
19	17 Northbbound Ramps / Lark Ave	D	B	14.4	0.627	26.2	B	14.5	0.642	26.4	0.015	0.20	NO
20	Los Gatos Blvd / Lark Ave*	E	C-	34.5	0.683	39.3	C-	34.7	0.692	39.6	0.009	0.30	NO
21	Los Gatos Blvd / Los Gatos Almaden Rd - Chirco Dr	D	C	28.7	0.691	35.5	C	28.7	0.692	35.5	0.001	0.00	NO
22	National Ave / Los Gatos Almaden Rd	D	B	14.5	0.455	12.8	B	14.5	0.455	12.8	0.000	0.00	NO
23	Los Gatos Blvd / Gateway Dr - Garden Ln	D	B-	19.8	0.529	23.9	B-	19.7	0.53	23.8	0.001	-0.10	NO
24	Walker St / Los Gatos Blvd	D	C	24.3	0.662	26.3	C	24.4	0.668	26.4	0.006	0.10	NO
* - CMP Intersection													

Figure 21: Cumulative Plus Phase 3 (Buildout) Traffic Volumes





Kimley»Horn

Cumulative Plus Phase 3 (Buildout) Conditions - Weekday AM(PM) Peak Hour Volumes
(Sheet 2 of 2)

March 2024

GOOD SAMARITAN HOSPITAL

6.6 Intersection Queue Analysis

Selected study intersections near the Project site were evaluated for left-turn vehicle queuing capacity and storage analysis for each study scenario is summarized in **Table 24** and **Table 25**.

It was observed that sufficient storage has been provided for left turn movements at all study intersections, except for the following intersections, where the addition of Project trips either exacerbates existing queues or causes the queues to exceed the storage length:

AM Peak Hour

- Int. #5 – Bascom Avenue & Samaritan Drive
  - Northbound Left (NBL)
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario
  - Southbound Left (SBL)
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario
- Int. #11 – Union Avenue & Camden Avenue
  - Northbound Left (NBL) & Westbound Left (WBL)
    - Under Existing Conditions Scenario
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario
- Int. #13 – Union Avenue & SR-85 (South)
  - Northbound Left (NBL)
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario

PM Peak Hour

- Int. #5 – Bascom Avenue & Samaritan Drive
  - Northbound Left (NBL)
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario
- Int. #11 – Union Avenue & Camden Avenue

  - Northbound Left (NBL) & Southbound Left (SBL) & Westbound Left (WBL)
    - Under Existing Conditions Scenario
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario

- Int. #21 – Union Avenue & Camden Avenue
  - Southbound Left (SBL)
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario

- Int. #22 – National Avenue & Los Gatos-Almaden Rd
  - Southbound Left (SBL)
    - Under Background Conditions Scenario
    - Under Background + Phase 1 & Phase 2 Project Conditions Scenario
    - Under Background + Phase 3 (Buildout) Project Conditions Scenario
    - Under Cumulative Conditions Scenario
    - Under Cumulative + Phase 3 (Buildout) Project Conditions Scenario

Int. #5: Bascom Avenue & Samaritan Drive
Northbound Left Turn (NBL): The storage length for the NBL is approximately 95 ft. and is not sufficient to accommodate the 95th percentile left turn queue of 4 vehicles under Background Conditions and continues to be deficient during Cumulative Conditions and during Plus Project Scenarios (Phase 1/2 & Phase 3). No Project trips are added to the NBL turns.

Southbound Left Turn (SBL): The storage length for the SBL is approximately 210 ft, and under existing conditions two lanes are provided. The SBL turn storage is able to accommodate the left turn queues under all scenarios, except during the Background Plus Phase 3 (Buildout) Conditions and Cumulative Plus Phase 3 (Buildout) Conditions during the AM peak hour. The addition of Phase 3 (Buildout) Project trips causes the 95th percentile queue to exceed the available storage and increased the queue length from 300 ft to 375 ft. during the AM peak hour.

Improvements: Due to the proximity of the Bascom Avenue & SR-85 South Ramps intersection, the storage length cannot be extended further. Therefore, no geometric improvement measures are recommended at this intersection. It should be noted that the 95th percentile queues have a 5 percent probability of exceeding during the analysis periods and is not what an average driver would experience. To minimize southbound left turn queues, signal coordination along Bascom Avenue is recommended.

Int. #11: Union Avenue & Camden Avenue
Northbound Left Turn (NBL): The storage length for the NBL is approximately 245 ft. and is not sufficient to accommodate the 95th percentile left turn queues of under all scenarios during both AM and PM peak hours. It should be noted that no Project trips are added to the NBL turn movement.

Southbound Left Turn (SBL): The storage length for the SBL is approximately 310 ft and is not sufficient to accommodate the 95th percentile queues under all scenarios during the PM peak hour. It should be noted that no Project trips are added to the SBL turn movement.

Westbound Left Turn (WBL): The storage length for the WBL is approximately 215 ft and is not sufficient to accommodate the 95th percentile queues under all scenarios. The addition of Phase 3 (Buildout) Project trips causes the 95th percentile queue to exceed the available storage and increased the queue length from 450 ft. to 475 ft. (1 vehicle length) during both AM and PM peak hour.

Improvements: The westbound left turn storage length could be further extended by modifying the existing landscape median along Camden Avenue. However, it should be noted that the 95th percentile queues have a 5 percent probability of exceeding during the analysis periods and is not what an average driver would experience. Therefore, it is recommended that the signal timing modification be made at this intersection to minimize the queues.

Int. #13: Union Avenue & SR-85 (South) Ramps
Northbound Left Turn (NBL): The storage length for the NBL is approximately 100 ft and is not sufficient to accommodate the 95th percentile queues under all scenarios, except Existing Conditions. The addition of Phase 3 (Buildout) Project trips causes the 95th percentile queue to exceed the available storage and increased the queue length from 125 ft. to 150 ft. (1 vehicle length) during the AM peak hour.

Improvements: The northbound left turn storage length could be further extended by modifying the painted median along Union Avenue. However, it should be noted that the 95th percentile queues have a 5 percent probability of exceeding during the analysis periods and is not what an average driver would experience. Therefore, it is recommended that the signal timing modification be made at this intersection to minimize the queues.

Int. #21: Union Avenue & SR-85 (South) Ramps
Southbound Left Turn (SBL): The storage length for the SBL is approximately 240 ft and is not sufficient to accommodate the 95th percentile queues under all scenarios, except Existing Conditions during the PM peak hour. It should be noted that no Project trips are added to the SBL turn movement and no improvements are recommended.

Int. #22: National Avenue & Los Gatos-Almaden Rd
Southbound Left Turn (SBL): The storage length for the NBL is approximately 100 ft and is not sufficient to accommodate the 95th percentile queues under all scenarios, except Existing Conditions during the PM peak hour. It should be noted that no Project trips are added to the SBL turn movement.

At all other study intersections, the Project is not anticipated to increase the vehicle queue and create an adverse effect.

Table 24: Left Turn Queue Analysis – AM Peak Hour

S.No.	Study Intersection	Movement	Number of Turn Lanes	Storage (ft/ln)	Total Storage (ft/ln)	AM Peak Hour																	
						Existing Conditions Scenario			Background Conditions Scenario			Background + Phase 1 & Phase 2 Project Conditions Scenario			Background + Phase 3 (Buildout) Project Conditions Scenario			Cumulative Conditions Scenario			Cumulative + Phase 3 (Buildout) Project Conditions Scenario		
						95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?
1	Bascom Ave & Camden Ave	NBL	2	390	780	11	275	YES	12	300	YES	12	300	YES	12	300	YES	12	300	YES	12	300	YES
		SBL	2	300	600	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		EBL	1	380	380	11	275	YES	12	300	YES	12	300	YES	12	300	YES	12	300	YES	12	300	YES
		WBL	1	250	250	9	225	YES	10	250	YES	10	250	YES	10	250	YES	10	250	YES	10	250	YES
2	Bascom Ave & White Oaks Ave	NBL	1	235	235	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		SBL	1	210	210	1	25	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		EBL	1	65	65	1	25	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		WBL	1	110	110	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
3	Bascom Ave & SR 85 North Ramps	NBL	2	205	410	5	125	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
		WBL	1	170	170	3	75	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
4	Bascom Ave & SR 85 South Ramps	SBL	2	135	270	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		EBL	2	175	350	2	50	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
5	Bascom Ave & Samaritan Dr	NBL	1	95	95	1	25	YES	**4**	**100**	**NO**	**4**	**100**	**NO**	**4**	**100**	**NO**	**4**	**100**	**NO**	**4**	**100**	**NO**
		SBL	2	210	420	7	175	YES	11	275	YES	12	300	YES	**15**	**375**	YES	11	275	YES	**15**	**375**	**YES**
		WBL	2	210	420	3	75	YES	4	100	YES	4	100	YES	5	125	YES	4	100	YES	5	125	YES
7	Samaritan Dr & Samaritan Court	EBL	1	165	165	0	0	NA	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES
		WBL	1	165	165	0	0	NA	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
10	SR 85 SB off-Ramp & Samaritian Dr	SBL	2	270	540	9	225	YES	11	275	YES	11	275	YES	12	300	YES	11	275	YES	12	300	YES
11	Union Ave & Camden Ave	NBL	1	245	245	**15**	**375**	**NO**	**15**	**375**	**NO**	**15**	**375**	**NO**	**15**	**375**	**NO**	**15**	**375**	**NO**	**15**	**375**	**NO**
		SBL	1	310	310	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
		EBL	1	180	180	5	125	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
		WBL	1	215	215	**11**	**275**	**NO**	**18**	**450**	**NO**	**19**	**475**	**NO**	**19**	**475**	**NO**	**18**	**450**	**NO**	**19**	**475**	**NO**
12	Union Ave & SR 85 (North)	NBL	2	215	430	5	125	YES	5	125	YES	5	125	YES	5	125	YES	5	125	YES	5	125	YES
		EBL	2	195	390	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
13	Union Ave & SR 85 (South)	NBL	1	100	100	4	100	YES	**5**	**125**	**NO**	**5**	**125**	**NO**	**6**	**150**	**NO**	**5**	**125**	**NO**	**6**	**150**	**NO**
		SBL	2	200	400	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
		EBL	2	200	400	5	125	YES	6	150	YES	7	175	YES	7	175	YES	6	150	YES	7	175	YES
14	Union Ave & Los Gatos-Almaden Rd	NBL	1	195	195	7	175	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
		SBL	1	180	180	6	150	YES	5	125	YES	5	125	YES	6	150	YES	5	125	YES	6	150	YES
		EBL	1	250	250	7	175	YES	7	175	YES	7	175	YES	7	175	YES	7	175	YES	7	175	YES
		WBL	1	165	165	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
15	SR 17 Southbound Ramps & San Tomas Expy	SBL	3	605	1815	7	175	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES
		WBL	1	445	445	15	375	YES	15	375	YES	15	375	YES	15	375	YES	15	375	YES	15	375	YES
16	SR 17 Northbound Ramps & Camden Ave	NBL	2	230	460	15	375	YES	15	375	YES	15	375	YES	15	375	YES	15	375	YES	15	375	YES
		SBL	1	120	120	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		EBL	1	240	240	8	200	YES	9	225	YES	9	225	YES	9	225	YES	9	225	YES	9	225	YES
		WBL	1	170	170	0	0	YES	0	0	YES	0	0	YES	0	0	YES	0	0	YES	0	0	YES
17	Winchester Blvd & Lark Ave	SBL	2	290	580	7	175	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES
		WBL	1	290	290	1	25	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
18	SR 17 (W) & Lark Ave	SBL	2	265	530	9	225	YES	10	250	YES	10	250	YES	11	275	YES	9	225	YES	10	250	YES
		EBL	1	155	155	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
		WBL	1	135	135	1	25	YES	2	50	YES	2	50	YES	2	50	YES	1	25	YES	1	25	YES
19	SR 17 (E) & Lark Ave	NBL	1	360	360	5	125	YES	6	150	YES	5	125	YES	5	125	YES	6	150	YES	5	125	YES
		EBL	2	395	790	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES
20	Los Gatos Blvd & Lark Ave	NBL	3	260	780	12	300	YES	14	350	YES	14	350	YES	14	350	YES	13	325	YES	13	325	YES
		SBL	1	125	125	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		EBL	2	340	680	8	200	YES	11	275	YES	11	275	YES	12	300	YES	8	200	YES	9	225	YES
		WBL	1	165	165	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
21	Los Gatos Blvd & Los Gatos-Almaden Rd	NBL	1	230	230	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		SBL	1	240	240	4	100	YES	5	125	YES	5	125	YES	5	125	YES	6	150	YES	6	150	YES
22	National Ave & Los Gatos-Almaden Rd	SBL	1	80	80	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
		EBL	1	70	70	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
23	Los Gatos Blvd & Gateway & Garden Lane	NBL	1	200	200	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		SBL	1	205	205	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
		EBL	1	130	130	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		WBL	1	235	235	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES

Table 25: Left Turn Queue Analysis – PM Peak Hour

S.No.	Study Intersection	Movement	Number of Turn Lanes	Storage (ft/ln)	Total Storage (ft/ln)	PM Peak Hour																	
						Existing Conditions Scenario			Background Conditions Scenario			Background + Phase 1 & Phase 2 Project Conditions Scenario			Background + Phase 3 (Buildout) Project Conditions Scenario			Cumulative Conditions Scenario			Cumulative + Phase 3 (Buildout) Project Conditions Scenario		
						95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?	95% Queue (car/ln)	95% Queue (ft/ln)	Sufficient Storage?
1	Bascom Ave & Camden Ave	NBL	2	390	780	11	275	YES	12	300	YES	13	325	YES	14	350	YES	12	300	YES	14	350	YES
		SBL	2	300	600	3	75	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES
		EBL	1	380	380	12	300	YES	12	300	YES	12	300	YES	13	325	YES	12	300	YES	13	325	YES
		WBL	1	250	250	7	175	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES
2	Bascom Ave & White Oaks Ave	NBL	1	235	235	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		SBL	1	210	210	1	25	YES	1	25	YES	1	25	YES	1	25	YES	2	50	YES	1	25	YES
		EBL	1	65	65	1	25	YES	1	25	YES	1	25	YES	2	50	YES	2	50	YES	2	50	YES
		WBL	1	90	90	2	50	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
3	Bascom Ave & SR 85 North Ramps	NBL	2	205	410	5	125	YES	7	175	YES	8	200	YES	8	200	YES	6	150	YES	8	200	YES
		WBL	1	170	170	2	50	YES	4	100	YES	4	100	YES	4	100	YES	6	150	YES	4	100	YES
4	Bascom Ave & SR 85 South Ramps	SBL	2	135	270	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
		EBL	2	175	350	6	150	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES
5	Bascom Ave & Samaritan Dr	NBL	1	95	95	1	25	YES	**6**	**150**	**NO**	**6**	**150**	**NO**	**6**	**150**	**NO**	**6**	**150**	**NO**	**6**	**150**	**NO**
		SBL	2	210	420	7	175	YES	12	300	YES	13	325	YES	14	350	YES	12	300	YES	15	375	YES
		WBL	2	210	420	4	100	YES	6	150	YES	6	150	YES	7	175	YES	6	150	YES	7	175	YES
7	Samaritan Dr & Samaritan Court	EBL	1	165	165	4	100	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
		WBL	1	165	165	0	0	NA	2	50	YES	1	25	YES	1	25	YES	2	50	YES	1	25	YES
10	SR 85 SB off-Ramp & Samaritian Dr	SBL	2	270	540	5	125	YES	6	150	YES	7	175	YES	7	175	YES	6	150	YES	7	175	YES
11	Union Ave & Camden Ave	NBL	1	245	245	**10**	**250**	**NO**	**10**	**250**	**NO**	**10**	**250**	**NO**	**10**	**250**	**NO**	**10**	**250**	**NO**	**10**	**250**	**NO**
		SBL	1	310	310	**20**	**500**	**NO**	**21**	**525**	**NO**	**21**	**525**	**NO**	**21**	**525**	**NO**	**21**	**525**	**NO**	**21**	**525**	**NO**
		EBL	1	180	180	4	100	YES	5	125	YES	5	125	YES	5	125	YES	5	125	YES	5	125	YES
		WBL	1	215	215	**10**	**250**	**NO**	**18**	**450**	**NO**	**19**	**475**	**NO**	**19**	**475**	**NO**	**18**	**450**	**NO**	**19**	**475**	**NO**
12	Union Ave & SR 85 (North)	NBL	2	215	430	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
		EBL	2	195	390	4	100	YES	4	100	YES	5	125	YES	4	100	YES	4	100	YES	4	100	YES
13	Union Ave & SR 85 (South)	NBL	1	100	100	0	0	NA	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		SBL	2	200	400	5	125	YES	5	125	YES	5	125	YES	5	125	YES	5	125	YES	5	125	YES
		EBL	2	200	400	7	175	YES	10	250	YES	10	250	YES	11	275	YES	10	250	YES	11	275	YES
14	Union Ave & Los Gatos-Almaden Rd	NBL	1	195	195	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		SBL	1	180	180	7	175	YES	7	175	YES	7	175	YES	8	200	**NO**	7	175	YES	8	200	**NO**
		EBL	1	250	250	7	175	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES	8	200	YES
		WBL	1	165	165	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
15	SR 17 Southbound Ramps & San Tomas Expy	SBL	3	605	1815	12	300	YES	12	300	YES	12	300	YES	12	300	YES	12	300	YES	12	300	YES
		WBL	1	445	445	7	175	YES	7	175	YES	7	175	YES	7	175	YES	7	175	YES	7	175	YES
16	SR 17 Northbound Ramps & Camden Ave	NBL	2	230	460	13	325	YES	13	325	YES	13	325	YES	13	325	YES	13	325	YES	13	325	YES
		SBL	1	120	120	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		EBL	1	240	240	9	225	YES	9	225	YES	9	225	YES	9	225	YES	9	225	YES	9	225	YES
		WBL	1	170	170	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
17	Winchester Blvd & Lark Ave	SBL	2	290	580	7	175	YES	11	275	YES	11	275	YES	11	275	YES	11	275	YES	11	275	YES
		WBL	1	290	290	3	75	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES
18	SR 17 (W) & Lark Ave	SBL	2	265	530	11	275	YES	13	325	YES	13	325	YES	14	350	YES	11	275	YES	12	300	YES
		EBL	1	155	155	2	50	YES	2	50	YES	2	50	YES	2	50	YES	3	75	YES	3	75	YES
		WBL	1	135	135	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
19	SR 17 (E) & Lark Ave	NBL	1	360	360	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES	4	100	YES
		EBL	2	395	790	5	125	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES	6	150	YES
20	Los Gatos Blvd & Lark Ave	NBL	3	260	780	12	300	YES	14	350	YES	14	350	YES	14	350	YES	13	325	YES	14	350	YES
		SBL	1	125	125	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		EBL	2	340	680	8	200	YES	13	325	YES	13	325	YES	13	325	YES	9	225	YES	9	225	YES
		WBL	1	165	165	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES
21	Los Gatos Blvd & Los Gatos-Almaden Rd	NBL	1	230	230	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		SBL	1	240	240	9	225	YES	**13**	**325**	**NO**	**13**	**325**	**NO**	**13**	**325**	**NO**	**15**	**375**	**NO**	**15**	**375**	**NO**
22	National Ave & Los Gatos-Almaden Rd	SBL	1	80	80	3	75	YES	**5**	**125**	**NO**	**5**	**125**	**NO**	**5**	**125**	**NO**	**5**	**125**	**NO**	**5**	**125**	**NO**
		EBL	1	70	70	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
23	Los Gatos Blvd & Gateway & Garden Lane	NBL	1	200	200	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES	2	50	YES
		SBL	1	205	205	6	150	YES	7	175	YES	7	175	YES	7	175	YES	7	175	YES	7	175	YES
		EBL	1	130	130	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES	1	25	YES
		WBL	1	235	235	2	50	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES	3	75	YES

6.7 Improvements Measures

This section discusses significant transportation Project impacts identified under Background Plus Project and Cumulative Plus Project conditions. Per City guidelines in the 2023 Transportation Analysis Handbook, proposed mitigation measures to address negative adverse effect at study intersection should prioritize improvements related to alternative transportation modes, parking measures, and/or TDM measures with secondary improvements that increase vehicle capacity to the transportation network.

As identified earlier in **Section 6.3** & **Section 6.5**, all study intersections are anticipated to operate at acceptable LOS during the AM and PM peak hour, except for CMP Intersection #15 (SR 17 Southbound Off-Ramp / Camden Avenue – San Thomas Expy., which operates at unacceptable LOS F during the AM peak hour under Existing Conditions, and continues to operate at LOS F during Background Plus Phase 1 Project Conditions, Background Plus Phase 3 (Buildout) Conditions, and Cumulative Plus Project Phase 3 (Buildout) Conditions respectively.

The Project is not anticipated to create any other significant traffic adverse effect under Background Plus Phase 1 Project Conditions, Background Plus Phase 3 (Buildout) Conditions, and Cumulative Plus Project Phase 3 (Buildout) Conditions. Therefore, no improvement measures are required at any of the study intersections. However, as part of the VMT mitigation plan, the following TDM measures involving improvements related to alternative transportation modes are proposed:

- **Samaritan Drive Road Diet:** A road diet will be implemented with Phase 3 (Buildout), along the Project frontage and beyond along Samaritan Drive from Samaritan Ct. to the intersection of Samaritan Dr/ Samaritan Pl. The road diet will reduce the number of travel lanes from five lanes (i.e., two lanes in each direction and one central left turn lane) to three lanes (i.e., one lane in each direction and one central left turn lane). The project will implement an on-street Class IV Protected Bike Path along the Project's frontage and non-frontage along Samaritan Drive and along Samaritan Place and beyond the project frontage along Samaritan Drive.

  The proposed improvements involving Road Diet Is in line with City's 'Better Bike Plan 2025', which proposes a Class IV Protected Bike Lane in each direction along Samaritan Drive from Los Gatos Blvd. to Union Avenue and a Class III Bike Route along Samaritan Pl. providing connection to the existing pedestrian bridge over SR-85.

- **Samaritan Drive / Samaritan Place Roundabout:** A roundabout at the existing unsignalized intersection of Samaritan Drive. / Samaritan Place. will also be implemented with Phase 3 (Buildout). The proposed roundabout will tie in with the Road Diet and will have a single lane in each direction. The proposed roundabout will provide the opportunity for existing VTA bus routes to make a U-turn along Samaritan Drive.

The Project will also include off-site right-of-way improvements at the Project site's access points on Samaritan Drive and Samaritan Place. These improvements would include new curb cuts for the proposed driveway access points, as well as rehabilitation of the existing pedestrian sidewalks. The road diet concepts along Samaritan Drive and Samaritan Place are shown in **Figure 22** to **Figure 25** and the proposed roundabout at the study intersection of Samaritan Drive / Samaritan Place is shown in **Figure 26**.

Figure 22: Road Diet – Samaritan Drive Future Cross-Section – Sheet 1

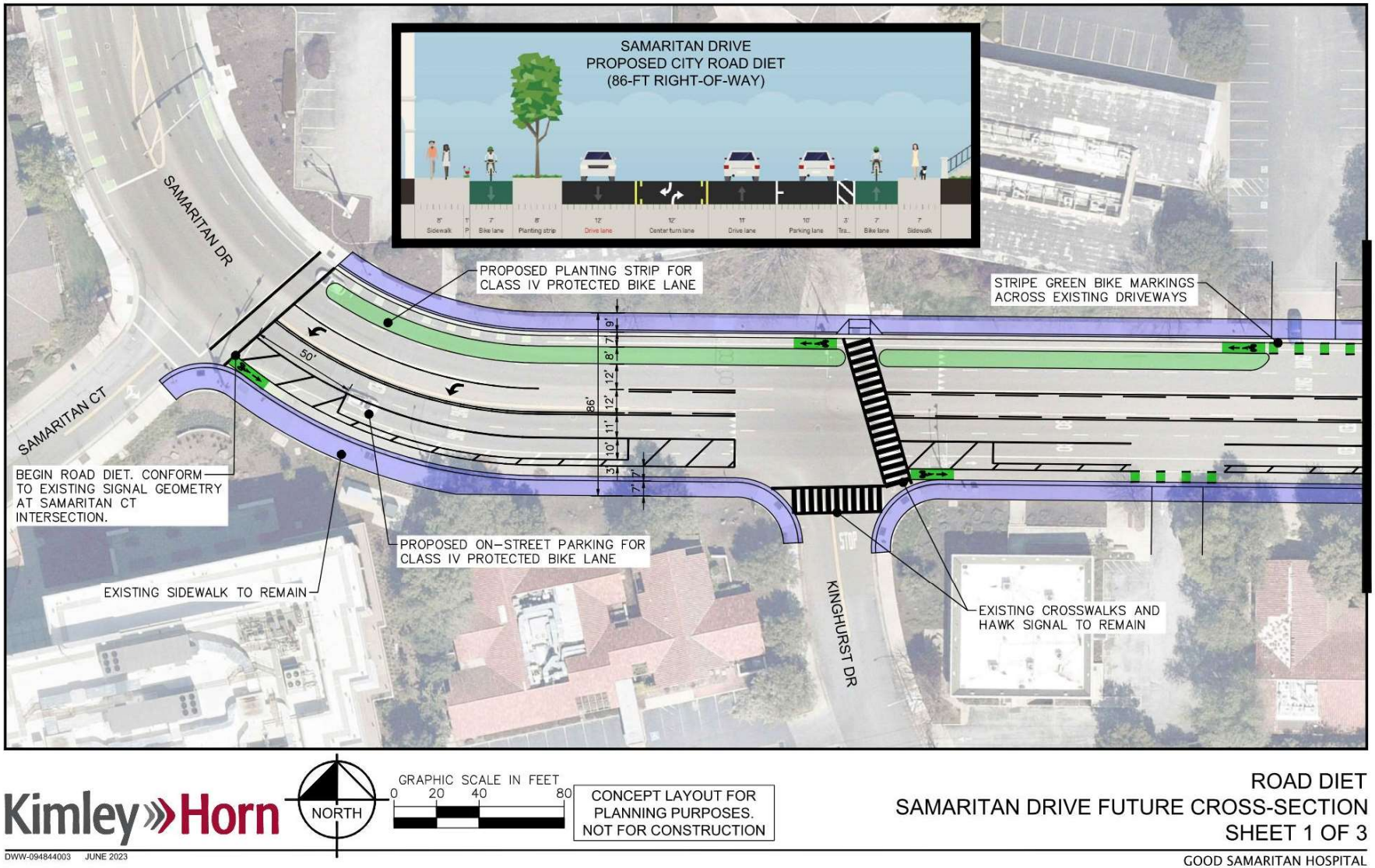


Figure 23: Road Diet – Samaritan Drive Future Cross-Section – Sheet 2

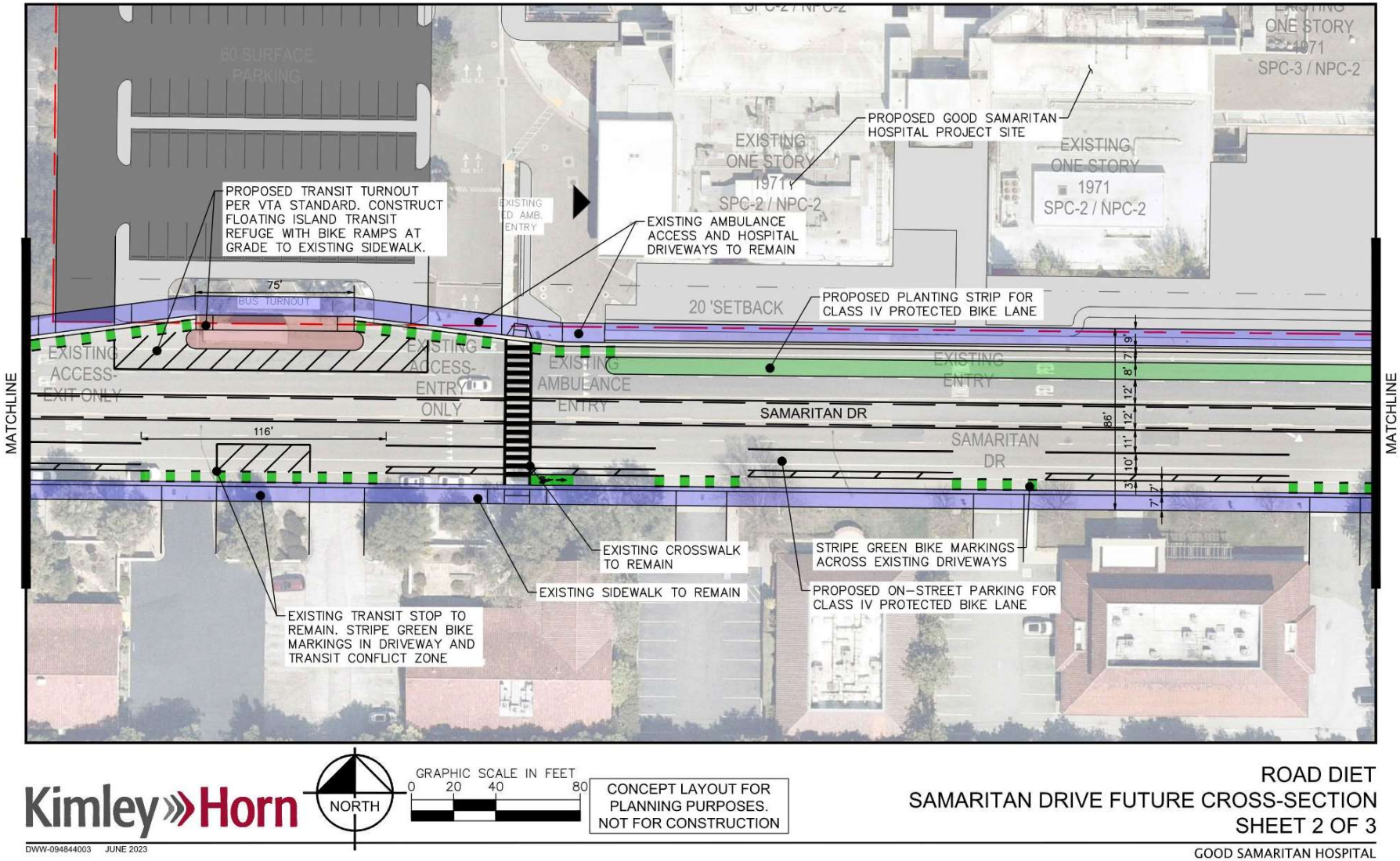


Figure 24: Road Diet – Samaritan Drive Future Cross-Section – Sheet 3

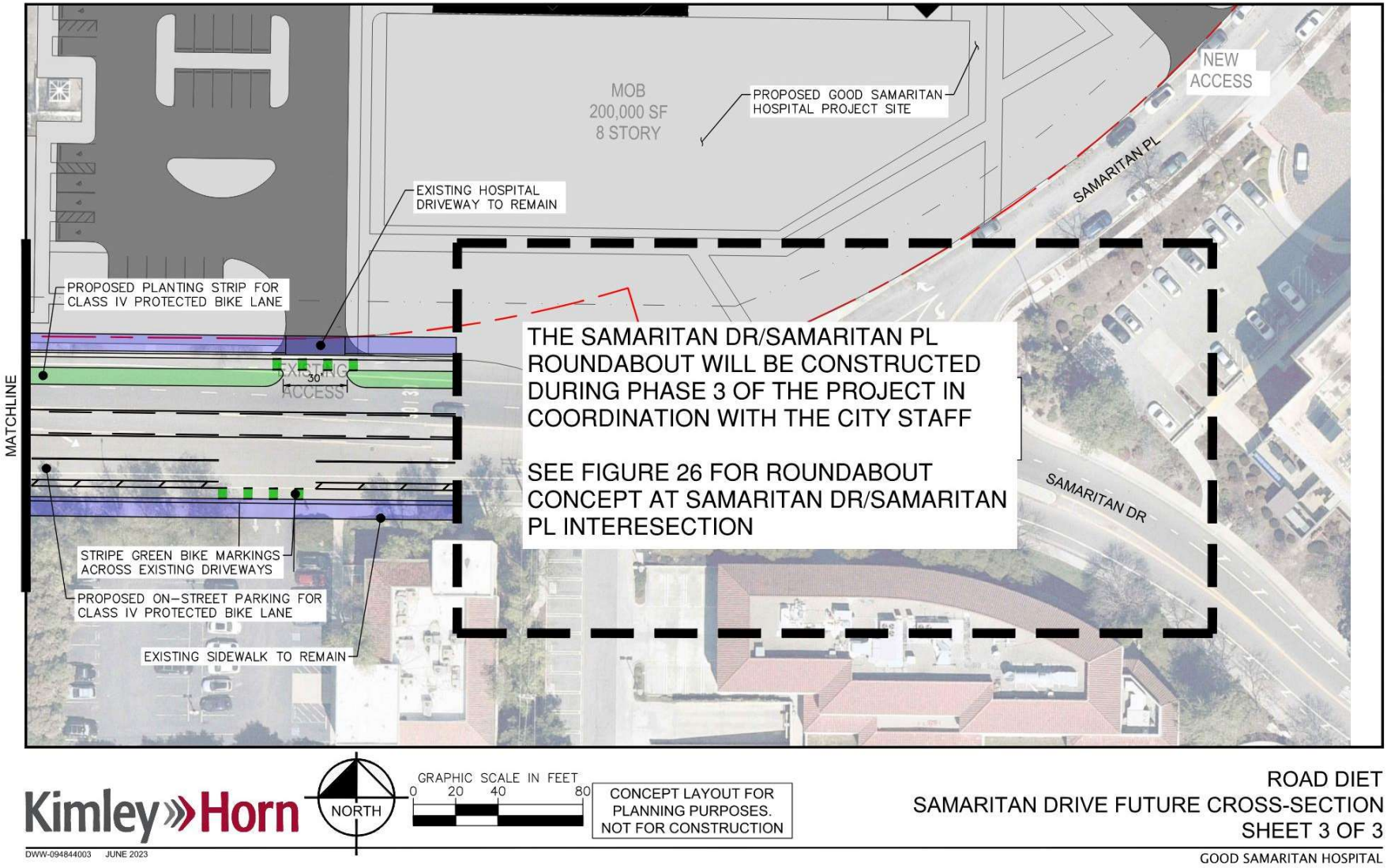


Figure 25: Samaritan Pl Future Cross-Section

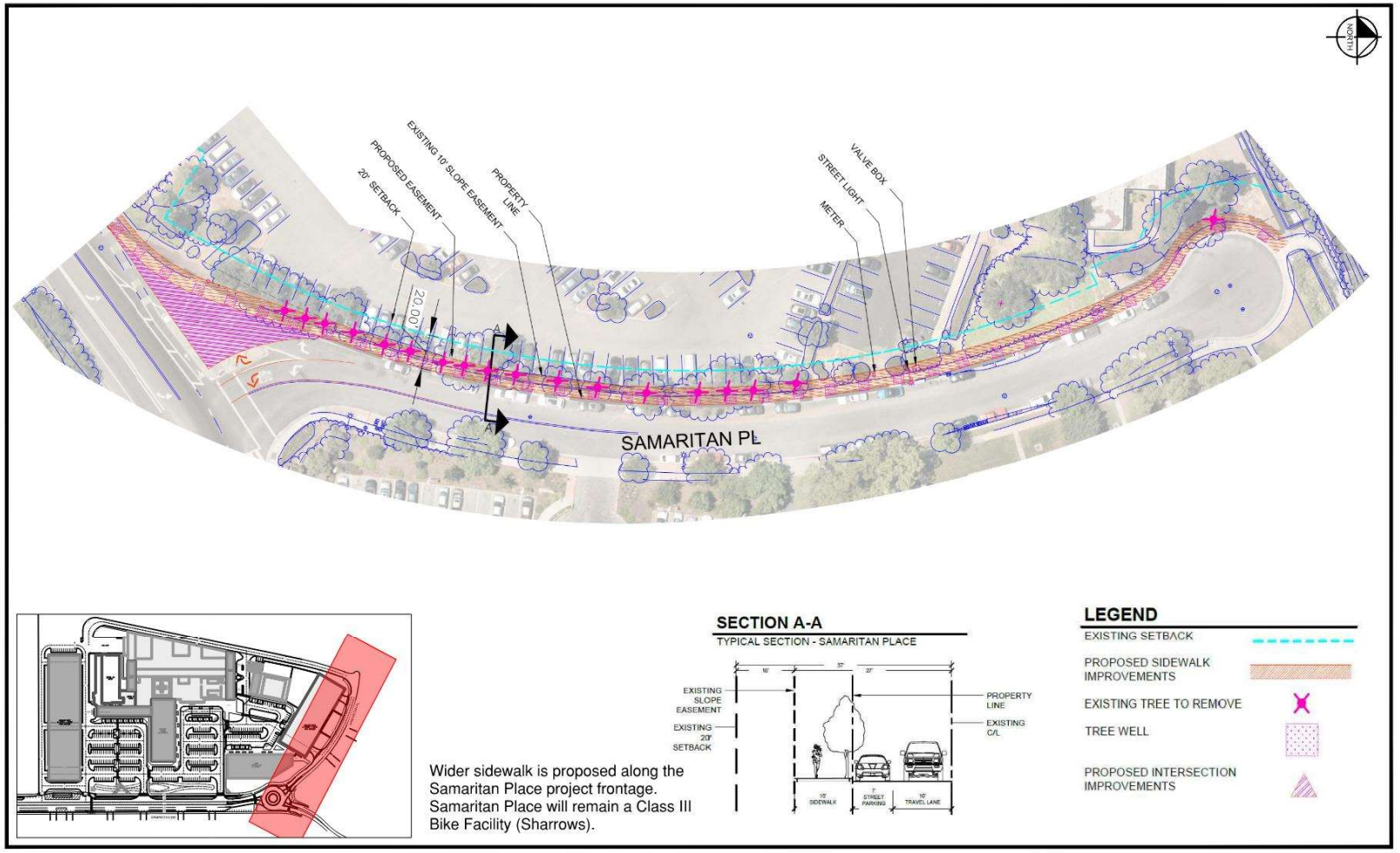


Figure 26: Samaritan Drive / Samaritan Place–- Roundabout



6.8 Samaritan Drive / Samaritan Place – Operational and Level of Service Analysis Results–- Roundabout

As identified earlier, the study intersection of Samaritan Drive / Samaritan Pl is an unsignalized intersection under existing conditions and will remain unsignalized until Project Phase 3 (Buildout) is constructed. In Phase 3 (Buildout) Conditions, a single-lane roundabout is proposed at the intersection. The LOS and queuing results for the proposed roundabout with Project's Phase 3 (Buildout) Conditions is shown in **Table 26** and **Table 27** below. The operational results were estimated using SIDRA software which is most widely-used for roundabout capacity and performance analysis.

It should be noted that for the proposed roundabout at the study intersection of Samaritan Drive / Samaritan Pl, the net trip generation for Phase 3 (Buildout) Conditions was used as per **Table 6** (**Section 7**). SIDRA output sheets for Cumulative Plus Project Phase 3 (Buildout) conditions are provided in the **Appendix I.**

Table 26: Cumulative Plus Phase 3 (Buildout) Conditions LOS

#	Intersection	LOS Criteria	Cumulative Plus Phase 3 (Buildout) Conditions					
			AM Peak Hour			PM Peak Hour		
			LOS	Delay (Sec)	v/c Ratio	LOS	Delay (Sec)	v/c Ratio
9	Samaritan Dr / Samaritan Pl	D	C	16.4	0.841	B	12.8	0.781

Table 27: Cumulative Plus Phase 3 (Buildout) Conditions–- Queues

#	Intersection	Cumulative Plus Phase 3 (Buildout) Conditions 95th Percentil Queue Length (in feet)					
		AM Peak Hour			PM Peak Hour		
		Westbound Leg	Eastbound Leg	Southbound Leg	Westbound Leg	Eastbound Leg	Southbound Leg
9	Samaritan Dr / Samaritan Pl	432	20.8	7.8	24.9	341.3	4.9

As shown in tables above, the study intersection of Samaritan Drive / Samaritan Pl is anticipated to operate at acceptable LOS during the AM and the PM peak hours, with the proposed roundabout.

6.9 Signal Warrant Analysis

Peak Hour Signal Warrant #3 from the California Manual on Uniform Traffic Control Devices (CAMUTCD) was evaluated for Cumulative Conditions and Cumulative Plus Phase 3 (Buildout) Project Conditions scenarios, for the following three unsignalized study intersections:

- Int. #8 – Kingshurst Drive & Samaritan Dr
- Int. #9 – Samaritan Pl & Samaritan Dr
- Int. #25 – Bascom Avenue & East Mozart Avenue

The intersection of National Avenue & Samaritan Drive (Int. #6) was excluded from warrant analysis, as geometric improvements were recently (2021) made to eliminate the northbound left turn from National Avenue, as part of the 'Samaritan Medical Campus Development Plan' transportation analysis report dated May 2016.

Int. #8 – Kingshurst Drive & Samaritan Dr

The results of the peak hour signal warrant #3 is shown in **Figure 27** and **Figure 28** below. The AM and PM peak hours were analyzed using the following lane geometry assumptions and volumes:

- Samaritan Dr
  - Major Street – 4 Lanes (Existing Geometry) and 2 Lanes (With Road Diet)
  - AM Approach Volumes (Total of Both Approaches): 975 vehicles (Cumulative Conditions) & 1,268 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
  - PM Approach Volumes (Total of Both Approaches): 1,218 vehicles ((Cumulative Conditions) & 1,528 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
- Kingshurst Dr
  - Minor Street – one lane
  - AM Approach Volumes (Higher-Volume approach): 161 vehicles (Cumulative Conditions) & 165 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
  - PM Approach Volumes (Higher-Volume approach): 118 vehicles ((Cumulative Conditions) & 119 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)

Figure 27: Kingshurst Drive & Samaritan Drive – With Existing Geometry Along Samaritan Dr

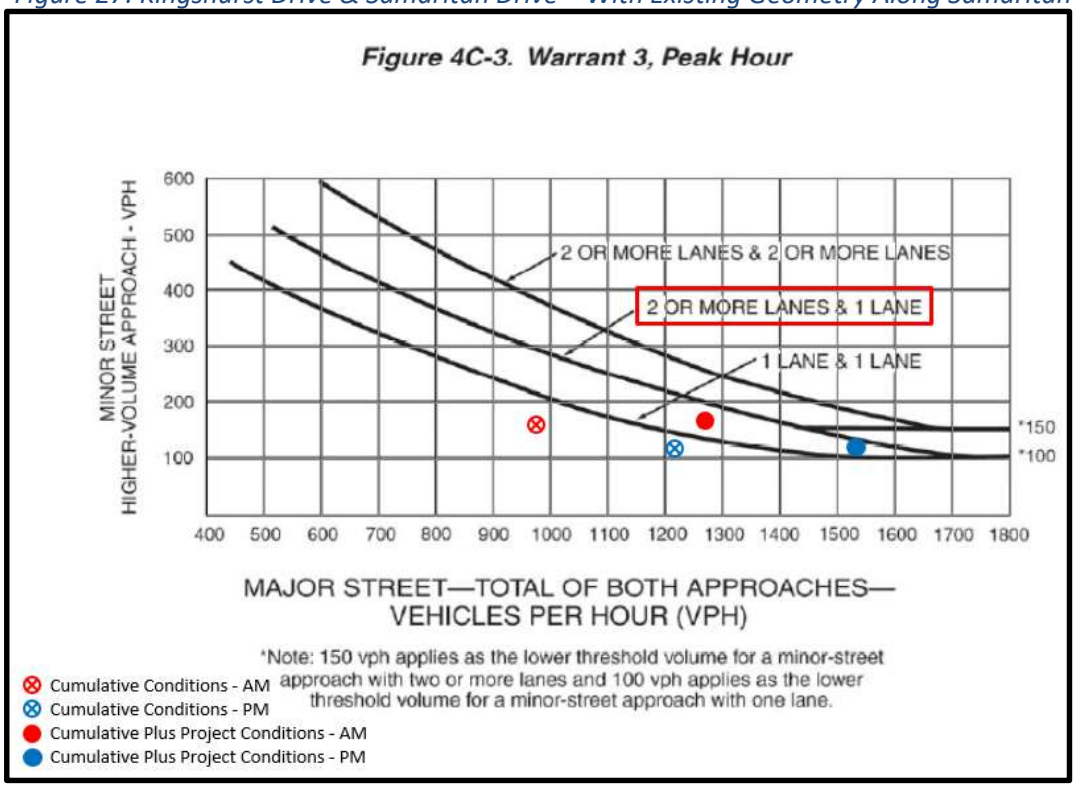
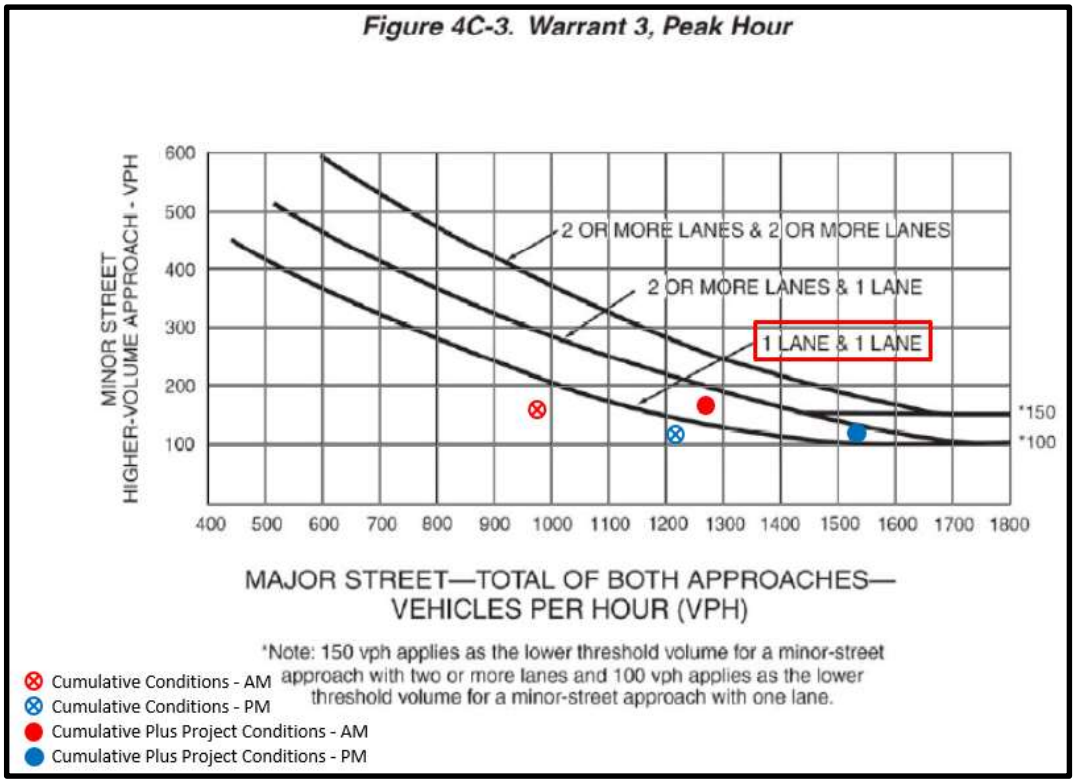


Figure 28: Kingshurst Drive & Samaritan Drive – With Proposed Road Diet Samaritan Dr



As shown in **Figure 27** and **Figure 28** above, the intersection of Kingshurst Drive & Samaritan Drive does not meet the Peak Hour Warrant #3 requirements during both AM and PM peak hours under Cumulative Conditions. Under Cumulative Plus Phase 3 (Buildout) Project Conditions, the intersection meets the Peak Hour Warrant #3 requirements during both the AM and PM peak hours with the proposed road diet on Samaritan Drive with one vehicle travel lane for both approaches.

The intersection of Samaritan Ct & Samaritan Drive (Int. # 7) was recently signalized (2022) as part of improvement measures identified in the 'Samaritan Medical Campus Development Plan' transportation analysis report dated May 2016. The Samaritan Ct & Samaritan Dr intersection is approximately 225 feet west of the Kingshurst Dr & Samaritan Dr intersection, and due to this proximity, signalization of the Kingshurst & Samaritan intersection is not recommended. In addition, the proposed Road Diet along Samaritan Drive which is recommended as part of the Project's improvement measures extends west up to Samaritan Ct and signalization of the intersection will disrupt the improvement.

Int. #9 – Samaritan Pl & Samaritan Dr

The results of the peak hour signal warrant #3 is shown in **Figure 29** and **Figure 30** below. The AM and PM peak hours were analyzed using the following lane geometry assumptions and volumes:

- Samaritan Drive
  - Major Street – 4 Lanes (Existing Geometry) and 2 Lanes (With Road Diet)
  - AM Approach Volumes (Total of Both Approaches): 1,049 vehicles (Cumulative Conditions) & 1,242 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
  - PM Approach Volumes (Total of Both Approaches): 1,016 vehicles ((Cumulative Conditions) & 1,221 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)

- Samaritan Place
  - Minor Street – one lane
  - AM Approach Volumes (Higher-Volume approach): 27 vehicles (Cumulative Conditions) & 34 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
  - PM Approach Volumes (Higher-Volume approach): 13 vehicles ((Cumulative Conditions) & 44 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)

As shown in **Figure 29** and **Figure 30** below, the intersection of Samaritan Place & Samaritan Drive does not meet the Peak Hour Warrant #3 requirements under Cumulative Conditions. In addition the intersection does not meet the Peak Hour Warrant #3 under Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours.

Figure 29: Samaritan Drive & Samaritan Place – With Existing Geometry Along Samaritan Dr

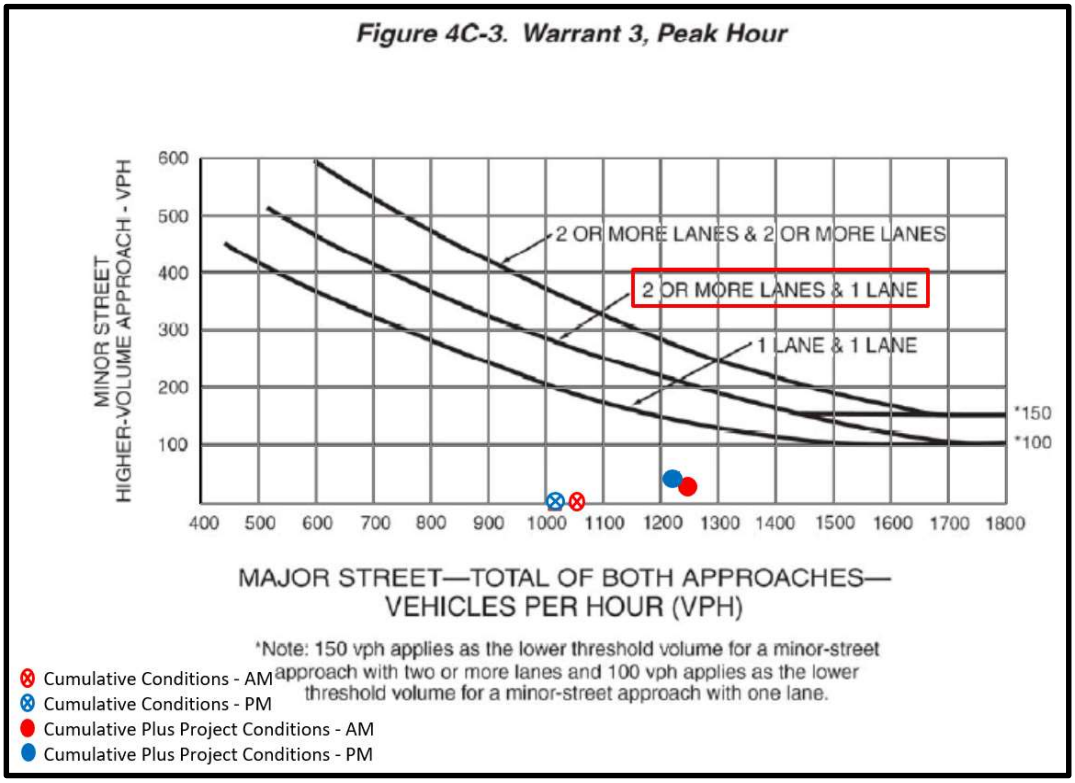
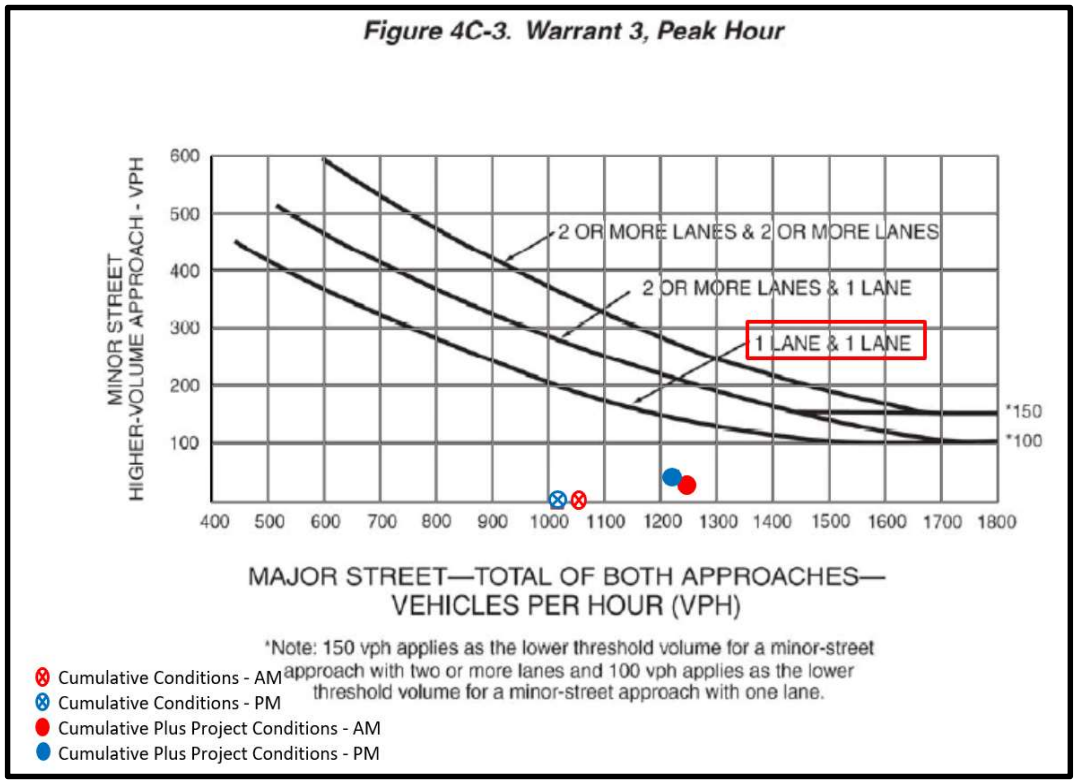


Figure 30: Samaritan Drive & Samaritan Place – With Proposed Road Diet Samaritan Dr

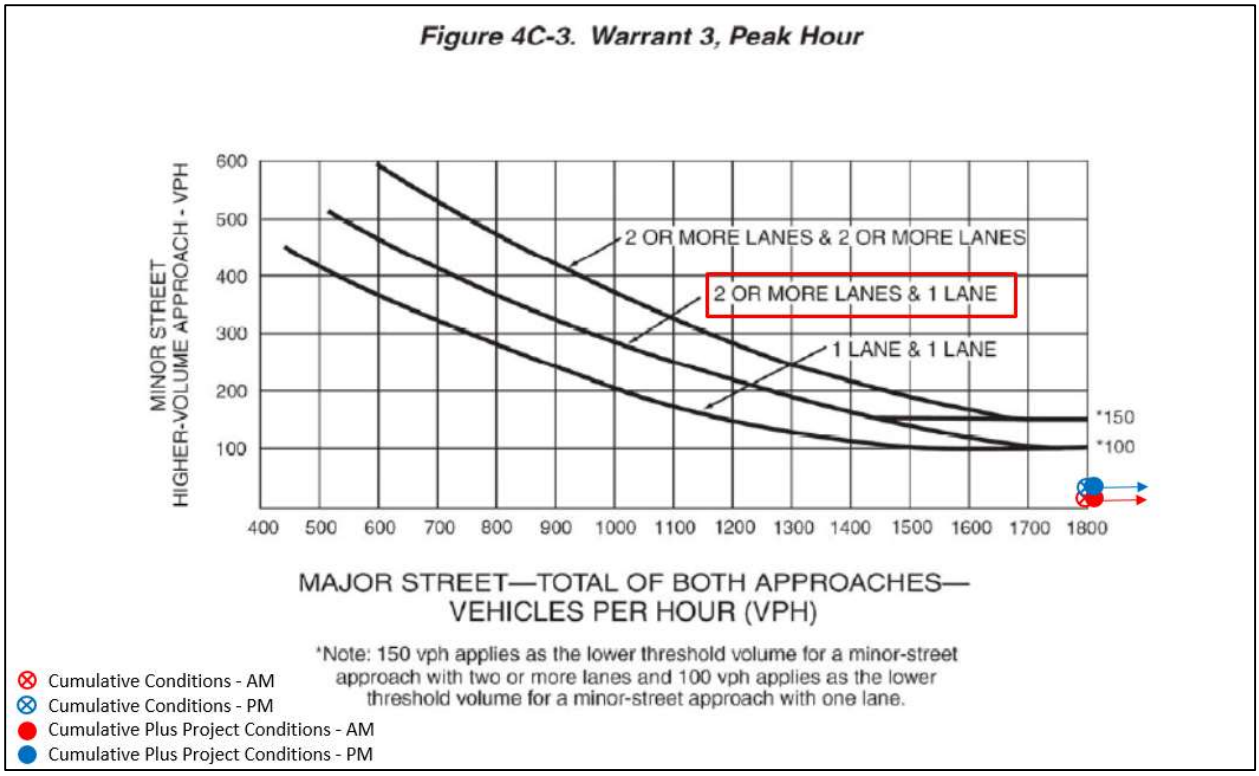


Int. #25 – Bascom Avenue & East Mozart Avenue

The results of the peak hour signal warrant #3 is shown in **Figure 31** below. The AM and PM peak hours were analyzed using the following lane geometry assumptions and volumes:

- Bascom Avenue
  - Major Street – 6 Lanes
  - AM Approach Volumes (Total of Both Approaches): 1,803 vehicles (Cumulative Conditions) & 1,886 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
  - PM Approach Volumes (Total of Both Approaches): 2,248 vehicles ((Cumulative Conditions) & 2,248 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
- East Mozart Avenue
  - Minor Street – one lane
  - AM Approach Volumes (Higher-Volume approach): 14 vehicles (Cumulative Conditions) & 14 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)
  - PM Approach Volumes (Higher-Volume approach): 25 vehicles ((Cumulative Conditions) & 25 vehicles (Cumulative Plus Phase 3 (Buildout) Project Conditions)

Figure 31: Signal Warrant Analysis – Bascom Avenue & East Mozart Avenue



As shown in **Figure 31** above, the intersection of Bascom Avenue & East Mozart Avenue does not meet the Peak Hour Warrant #3 requirements under Cumulative Conditions. In addition, the intersection does not meet the Peak Hour Warrant #3 under Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours.

6.10 East Mozart Avenue Traffic Delays

Per City's direction, the impact of potential median island opening and signal modification at Int. #3 – Bascom Avenue & SR 85 NB Ramps signal to include East Mozart Avenue as a signalized leg, was also evaluated. Modified signal phasing provided by the City was used for this evaluation.

Under existing conditions, the intersection of East Mozart Avenue & Bascom Avenue is an unsignalized intersection with stop controlled for East Mozart Avenue. All vehicles from East Mozart Avenue who would like to go north (i.e., left turn) along Bascom Avenue, need to make a right turn onto southbound Bascom Avenue and head southbound through Int. #3–- Bascom Avenue & SR 85 Northbound Ramps, and make a U-turn at Int. #4 – Bascom Avenue & SR 85 Southbound Ramps and travel north.

Intersection LOS results under Existing Conditions and under Cumulative Plus Phase 3 (Buildout) Project Conditions with and without the signal modification described above are shown in **Table 28** below. LOS outputs are attached in **Appendix J**. A conceptual drawing for the proposed median island opening and signal modification to include East Mozart Avenue is shown in **Figure 32**.

Table 28: Int. #25 – East Mozart Avenue & Bascom Avenue – Signal Modification

#	Intersection	LOS Criteria	Control	Existing Conditions							Cumulative Plus Phase 3 (Buildout) Project Conditions					
				AM Peak			PM Peak				AM Peak			PM Peak		
				LOS	Avg. Delay (Sec)	v/c Ratio	MVMT	LOS	Avg. Delay (Sec)	v/c Ratio	LOS	Delay (Sec)	v/c Ratio	LOS	Delay (Sec)	v/c Ratio
25	Bascom Ave/ East Mozart Ave	D	TWSC (Overall)	B	0.1	0.77	Overall	B	0.1	0.685						
			Worst Approach (EB)	B	10.4	-	EB	B	10	-						
			Signalized								B	14.2	0.63	B	12.6	0.59

TWSC - Two-way stopped controlled

Note: For the evaluation of the median island opening along Bascom Avenue with signal modification, fifty percent of the existing traffic along East Mozart Avenue was assumed to go north on Bascom Avenue and the other fifty percent is assumed to go south on Bascom Avenue.

As shown in **Table 28** above, the intersection of East Mozart Avenue & Bascom Avenue operates at acceptable LOS C or better under both Existing Conditions and Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours, with existing traffic control (unsignalized intersection) and with proposed traffic control (signalized intersection). As shown in **Figure 32** below, the proposed median island opening and signal modification to include East Mozart Avenue is not recommended due to the following reasons.

- The volumes along East Mozart Avenue are significantly lower than the volumes along Bascom Avenue and addition of exclusive signal phase for East Mozart Avenue will increase the delays for traffic along Bascom Avenue. Under existing conditions, eastbound right turn volumes are 14 vehicles during the AM peak hour and 25 vehicles during the PM peak hour.

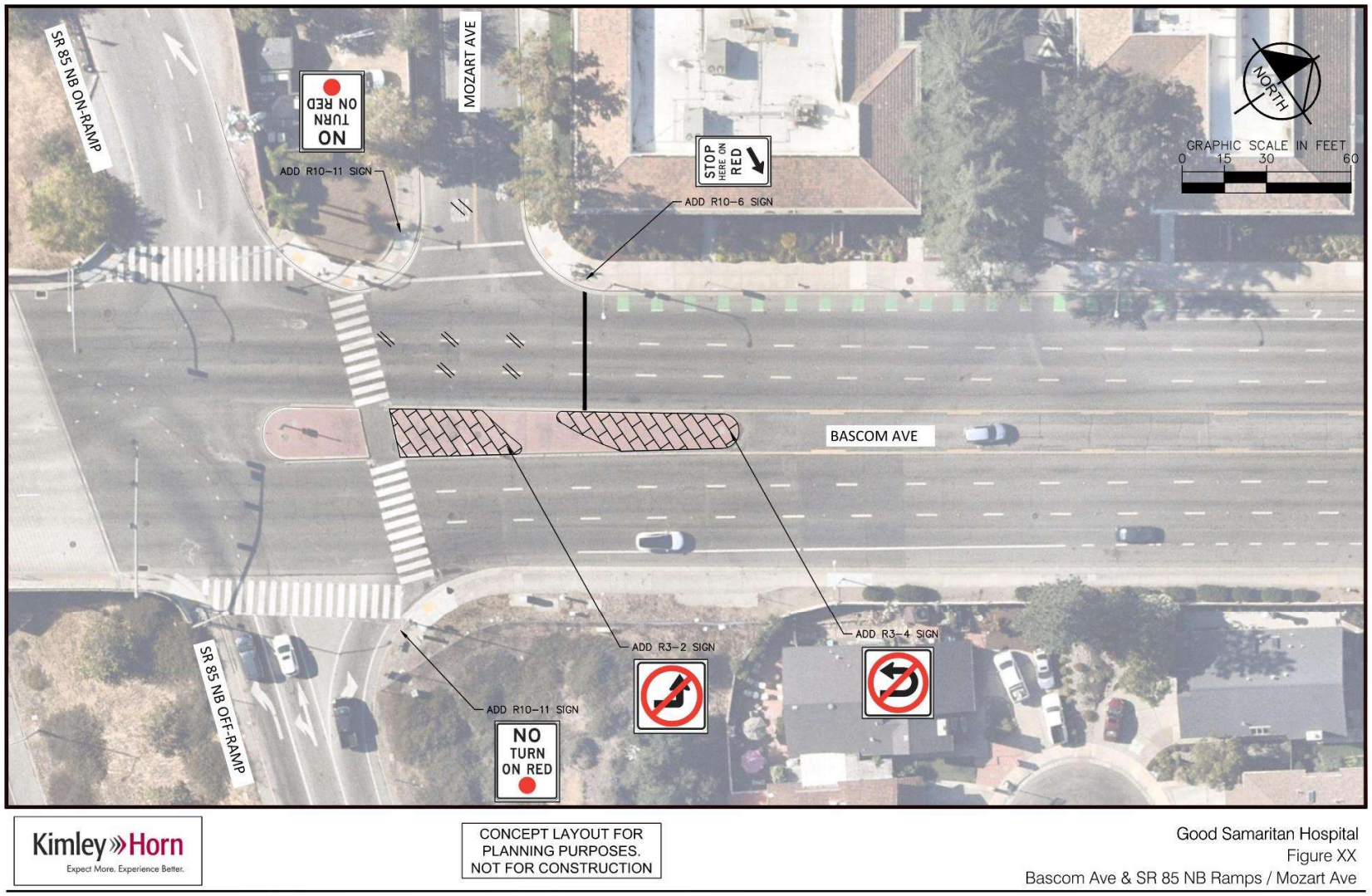
- The resulting signalized intersection will require No Right-Turn-On-Red (RTOR) signs installed for the SR 85 northbound right turns and also for the eastbound traffic along East Mozart Avenue, to avoid conflicts with other movements at the intersection. This no RTOT will increase the delays and queues for the SR 85 northbound right Turns and for the eastbound traffic along East Mozart Avenue.

- The proposed median island opening will require relocating the existing stop bar for the southbound traffic along Bascom Avenue to north of East Mozart Avenue. The existing pedestrian crosswalk across Bascom Avenue (north leg) will need to remain at its existing location, thereby creating a wide intersection. This will create confusion for the southbound traffic as the pedestrian crosswalk will be away from the relocated stop bar. Alternatively, the pedestrian crosswalk could also be moved north along with the relocated stop bar, however, this creates a much wider intersection and will require left turning traffic from East Mozart Avenue (to northbound Bascom Avenue) to yield to pedestrians causing further delays.

The proposed median island opening along Bascom Avenue and signal modification is likely to create more confusion for motorists with wider intersection and is also likely to increase delays and queuing along SR 85 Northbound Off-Ramp. Wider intersections lead to speeding as vehicles would like to cross the intersection within the time allocated. It also creates confusion for motorists who get caught in middle of intersection, therefore the median island opening along Bascom Avenue with signal

modification is not recommended. The City of San Jose does not support the median opening or signalization of Bascom/Mozart due to the proximity of the Bascom/SR-87 on/off ramp signal; Caltrans coordination and approval would be also needed for any changes to the Bascom/SR-87 on/off ramp signal.

Figure 32: Bascom Avenue & SR 85 Northbound Ramps & East Mozart Avenue



7. LTA SITE ACCESS AND CIRCULATION

This chapter describes the local transportation analysis including site access and on-site circulation review, effects on bicycle, pedestrian, and transit facilities, roundabout analysis, construction operations, and neighborhood interface.

7.1 Vehicle Site Access and Circulation

In Phase 1 Conditions, the Project would keep the existing four driveways (see **Table 4**) and add three new driveways (Driveway 5, Driveway 6, and Driveway 7) along Samaritan Pl. As shown in Figure 9, Driveway 5 and Driveway 6 would provide access to Garage East and Driveway 7 would lead to the relocated ambulance entry to the east of Building C**.** During Phase 2 condition, no additional driveways would be constructed and during Phase 3 (Buildout) the Driveway 3 is relocated to provide better spacing between driveways and access to surface parking as shown in **Figure 11**. **Table 29** provides additional details about existing access which will be retained and the proposed new driveway access to the Project site.

Table 29: Exiting and Proposed Driveways

Driveway	Location	Width	Movement	Use	Status
1	Approximately 925 feet west of Samaritan Dr/Samaritan Pl intersection	24 feet	Restricted – Egress only[1]	Public	Existing
2	Approximately 700 feet west of Samaritan Dr/Samaritan Pl intersection	30 feet	Restricted- Ingress only[1]	Public – leads to the hospital's main entrance and access to proposed Garage West	Existing
3	**Existing:** Approximately 690 feet west of Samaritan Dr/Samaritan Pl intersection. **Proposed (Phase 3):** Approximately 360 feet west of Samaritan Dr/Samaritan Pl intersection	24 feet	**Existing:** Restricted-Ingress only **Proposed (Phase 3):** Full Access (Unrestricted Turn Movements)	**Existing:** Ambulance Use, Only for ER **Proposed (Phase 3):** Public – leads to the hospital's surface parking lot	Relocated in Phase 3
4	Approximately 160 feet west of Samaritan Dr/Samaritan Pl intersection	34 feet	Full Access (Unrestricted Turn Movements)	Public – leads to the hospital's east entrance	Existing
5	Approximately 200 feet east of Samaritan Dr/Samaritan Pl intersection	26 feet	Full Access (Unrestricted Turn Movements)	Public – leads to Garage East	Constructed in Phase 1

Driveway	Location	Width	Movement	Use	Status
6	Approximately 330 feet east of Samaritan Dr/Samaritan Pl intersection	24 feet	Full Access (Unrestricted Turn Movements)	Public – leads to Garage East	Constructed in Phase 1
7	At Samaritan Pl Cul-De-Sac, approximately 660 feet east of Samaritan Dr/Samaritan Pl intersection	26 feet	Full Access (Unrestricted Turn Movements	Ambulance Use Only	Constructed in Phase 1

Source: Perkins & Will – September 2023, Site Plan.

1. The ingress only and egress only driveways are existing driveways. Wider widths of the driveways were to accommodate emergency vehicles and delivery trucks under existing conditions. With the construction of the proposed Project, the widths of each driveway will be finalized in coordination with City staff and as per City's design requirements for driveways, during the Planned Development Permit phase of the Project.

Per City guidance, all driveways to the Project site are at a minimum of 150 feet from any intersection. All proposed driveways are as per City standards and these driveway locations optimizes sight distance and spacing for the proposed site plan. The width of the driveways shown above will be finalized in coordination with the City staff and as per the City's design requirements for driveways, during the Planned Development Permit phase of the project.

On-site vehicle queues and delays are not expected to be significant issues. Some minor on-site vehicle queues are expected due to a combination of inherent unpredictability of vehicle arrivals at driveways and the random occurrence of gaps in traffic; however, these conditions are typical at Hospitals. To improve vehicle sight distance of approaching pedestrians and bicycles on Samaritan Drive and Samaritan Pl, low clearance landscaping between the back of sidewalk and building frontage is provided on both sides of the driveway.

Vehicle On-Site Project Circulation

Vehicle maneuverability and access for the parking spaces and garage was analyzed using AutoTURN software which measures design vehicle swept paths and turning through simulation and clearance checks. A passenger car design from the American Association of State Highway and Transportation Officials (AASHTO) was assessed for the internal parking spaces.

Analysis using the AASHTO template revealed that passenger vehicles could adequately access the driveway and maneuver through the parking garage. All drive aisles within the surface parking are at least 24-feet wide and 90-degree parking is provided on both sides. On-site parking spaces are dimensioned at least 8.5-feet by 18-feet and satisfy City parking standards.

Heavy Vehicle Truck Access and Loading Zones

The loading docks are located towards the north of Building B of the Project site. It is assumed that only delivery and moving truck vehicles will be authorized to use the loading area augmented with appropriate signing and striping. It is further assumed that the delivery trucks will access the Project site via Driveway 7 along Samaritan Pl, travel along the north end of the Project site and access the loading docks located north of Building B.

The WB-40 truck based on AASHTO was assumed as the maximum size delivery truck that would be allowed on the site due to maneuverability constraints in downtown. Fire apparatus and garbage trucks were also checked for site access, and these vehicle dimensions were based on NCHRP 659 – Guide for the Geometric Design of Driveways.

WB-40 delivery trucks would be able to maneuver in and out of the loading area by parallel parking and backing into the proposed loading docks space. Exact location of the Garbage and recycling bins within the Project site is unknown and is assumed to be located near the loading docks. The Garbage truck is expected to follow the same path as the delivery truck to access the Project site. It is recommended that trash and recycling collection activity occur during off-peak timings.

Emergency Vehicle Access

In the event of an emergency, a fire apparatus vehicle can enter and exit all driveways and access all building structures including parking garages. All driveways are more than 22-feet wide and satisfies the 20-foot minimum access road requirement from the 2016 CA Fire Code. Fire code also requires driveway ramps to provide at least 32-feet of clearance for fire truck access which is provided since on-street parking along Samaritan Drive and Samaritan Pl will be prohibited along the Project frontage. The proposed roundabout at the intersection of Samaritan Dr./Samaritan Pl. will include a mountable curb for larger trucks to maneuver.

To ensure illegal on-street parking do not impede the emergency operations, it is recommended to delineate red curb striping and no parking signs along the Project frontage on Samaritan Drive and Samaritan Pl.

For Ambulances, a designated entry and exit is provided via Driveway #7 from Samaritan Pl. No other vehicles are allowed to access Driveway #7, except for delivery trucks and garbage trucks to ensure limited interference with the Ambulance operations. Traffic signs will be placed at the entrance of Driveway #7 to restrict entry for other vehicles. Deliveries and garbage pick-up to the Project are scheduled and the frequency of these deliveries is controlled for efficiency. Majority of the deliveries to the Project site are anticipated to occur during the off-peak periods to minimize delays. In case of an event, during which the delivery truck/garbage truck movement through Driveway #7 coincides with the Ambulance arriving or leaving the Project site, ample room exists for delivery trucks to yield and give-way to the Ambulance.

Figure 33 to **Figure 37** show site access and vehicle turn templates at the Project driveway, loading zone, and on-site parking garage for the design vehicles described above.

Figure 33: Passenger Vehicle Access – Samaritan Drive

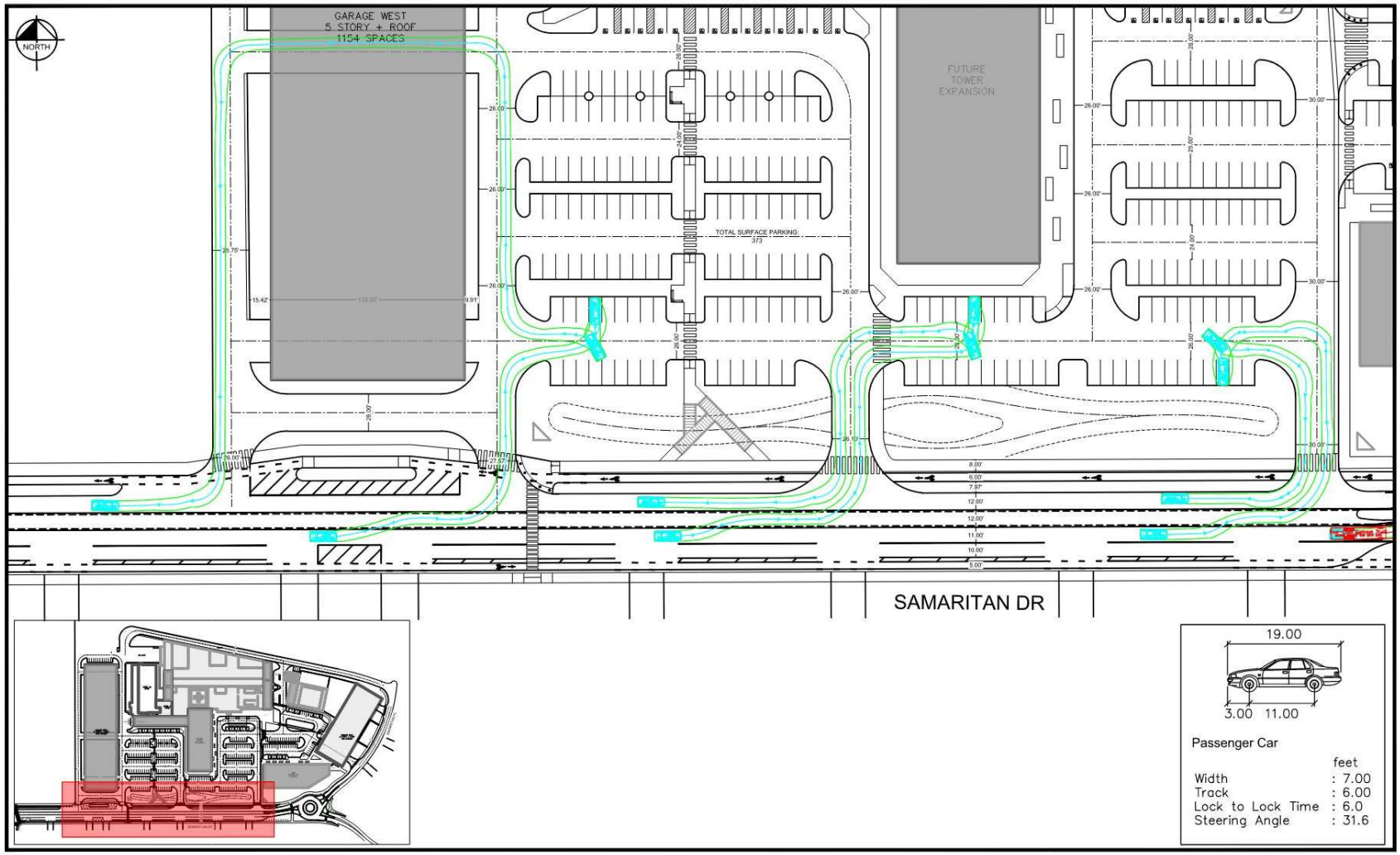


Figure 34: Passenger Vehicle Access – Samaritan Place

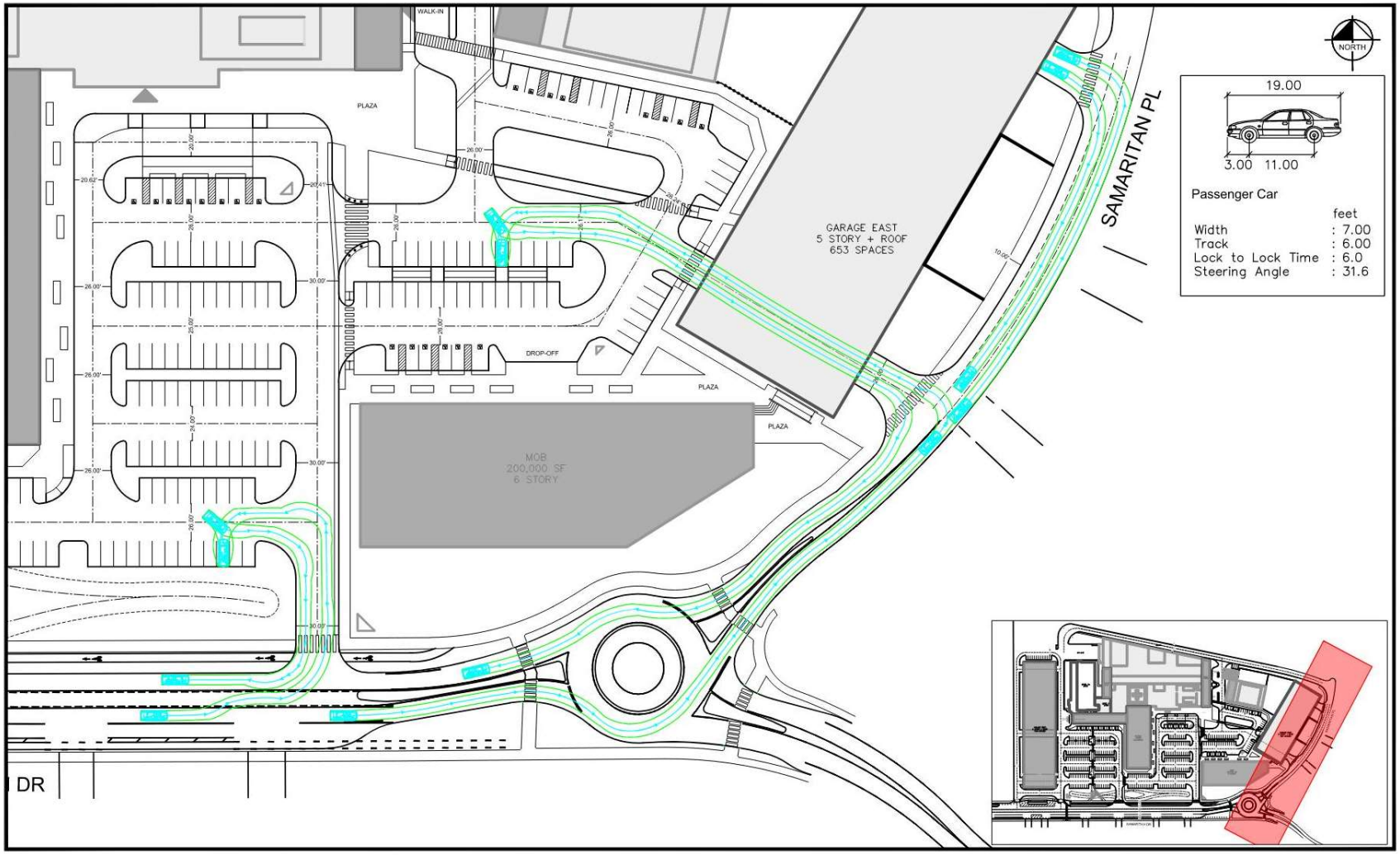


Figure 35: Delivery Vehicle Access

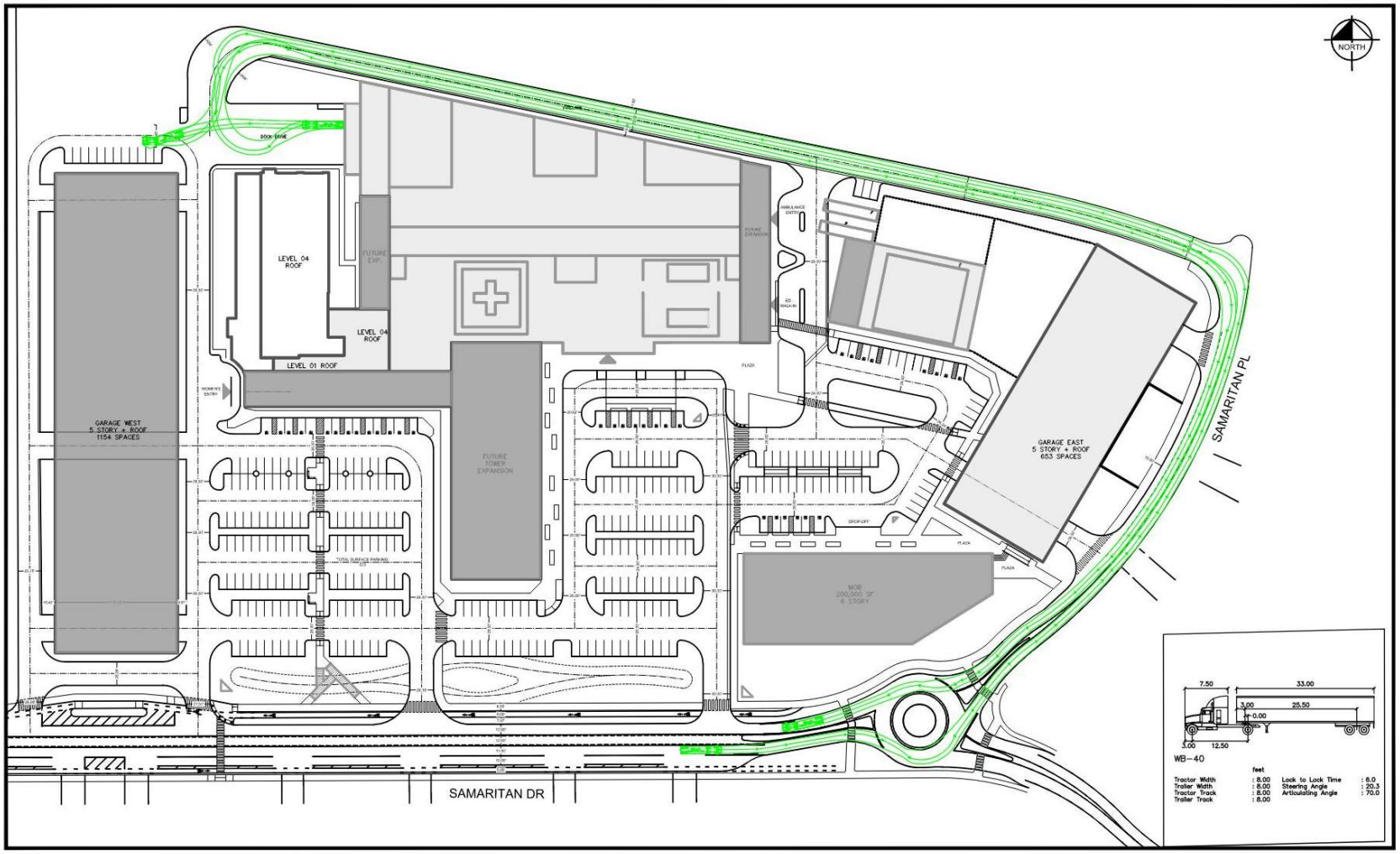


Figure 36: Fire Truck Access

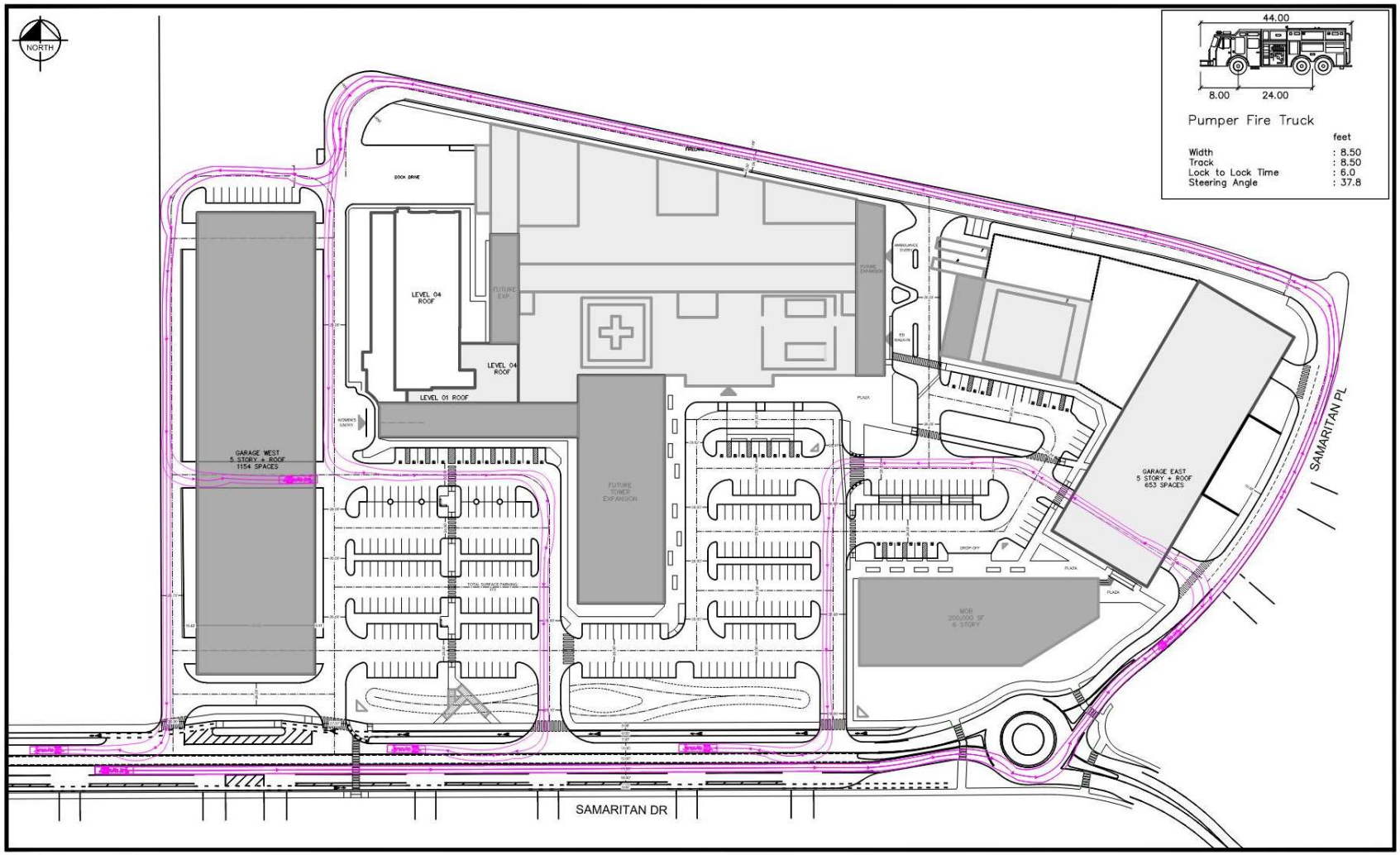


Figure 37: Ambulance Access

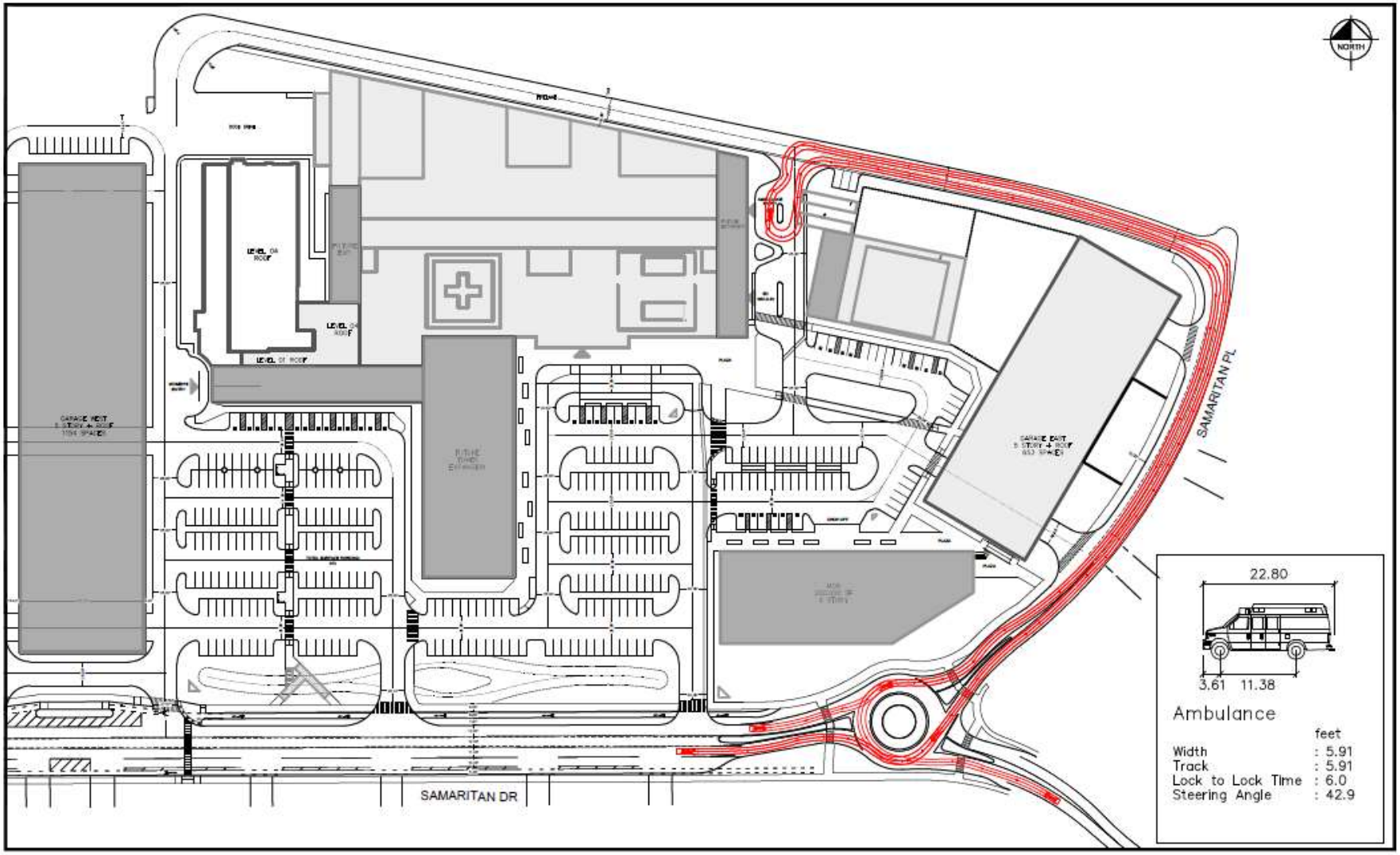


Figure 38: Garbage Truck Access

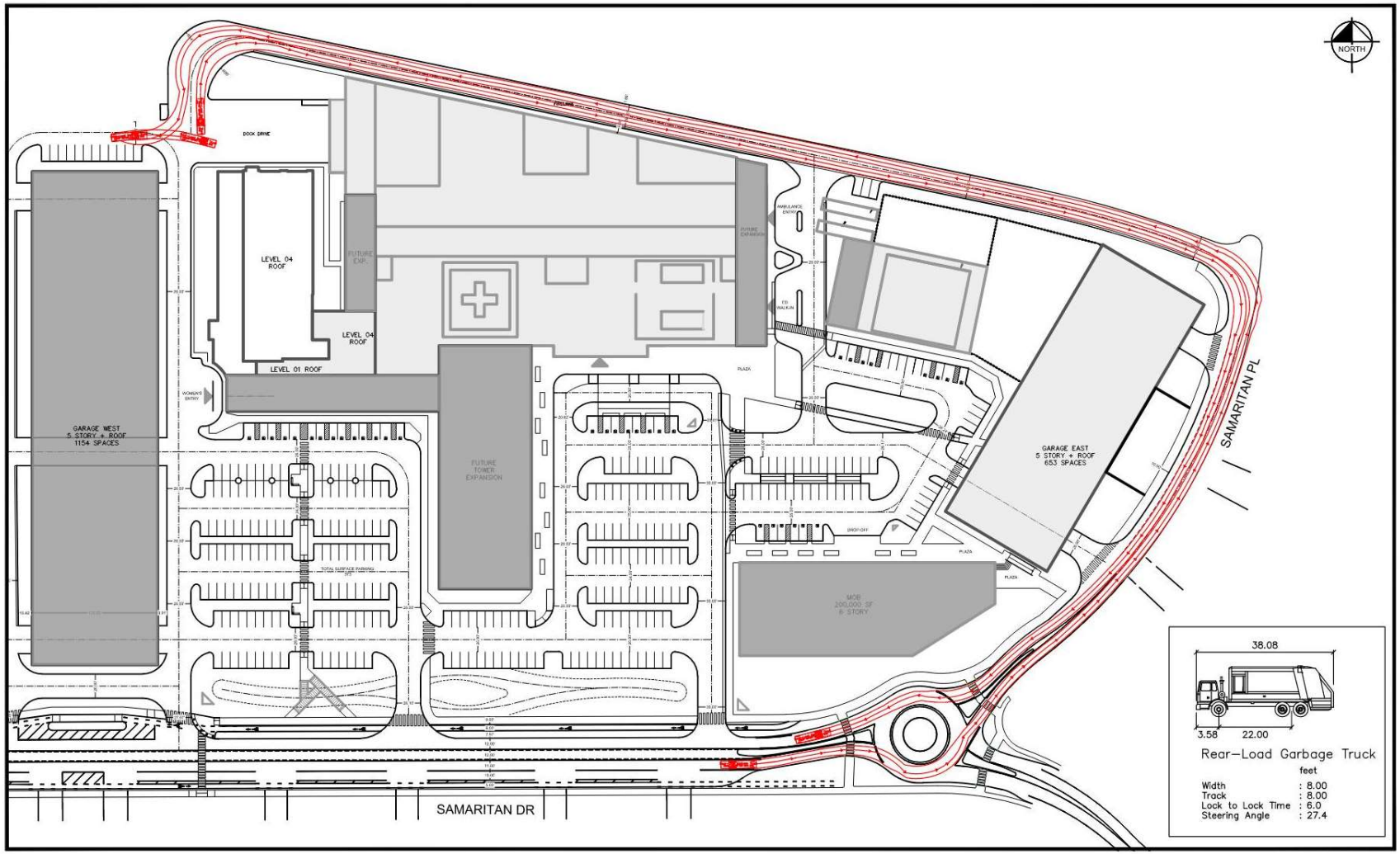
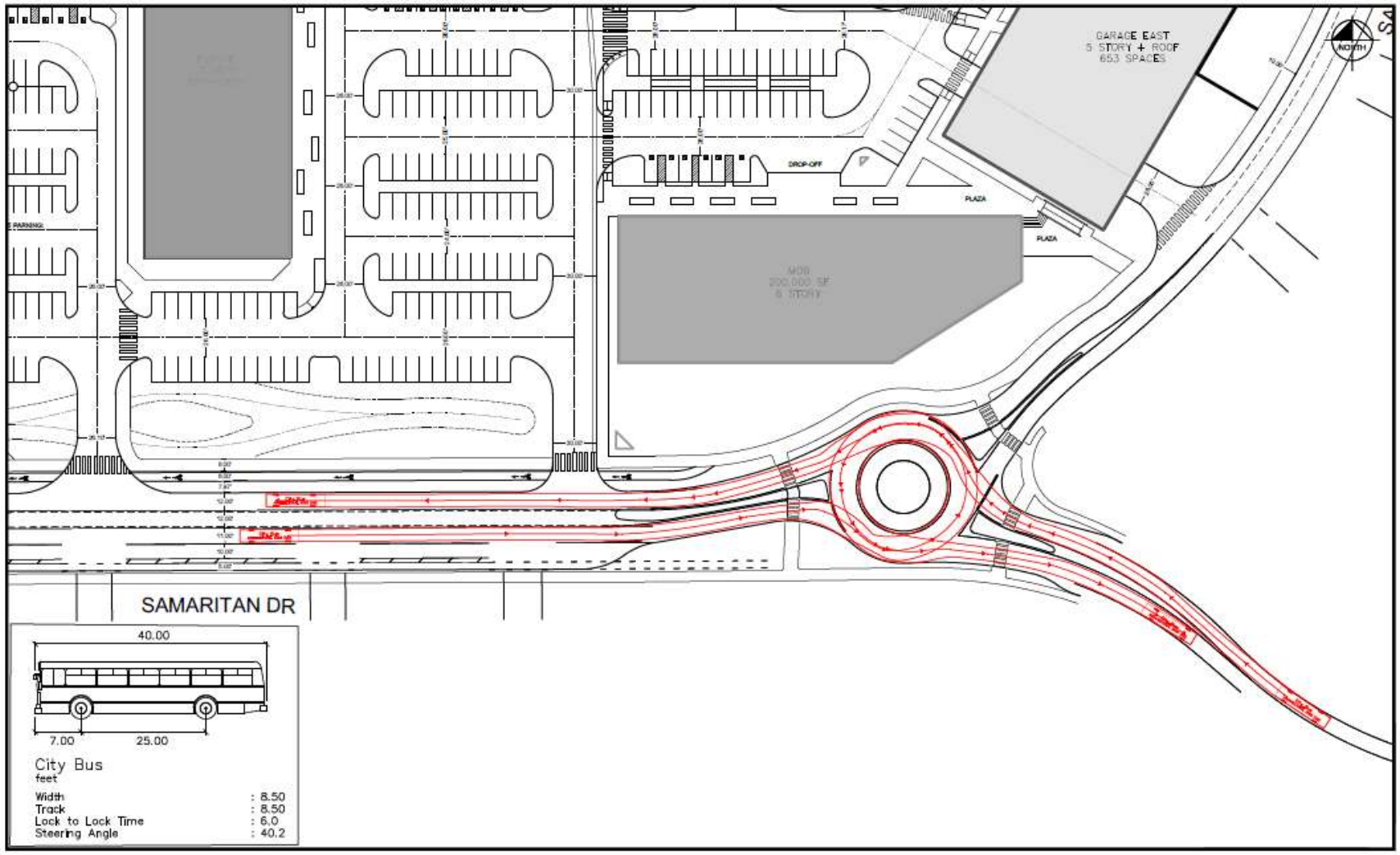


Figure 39:VTA Bus Access



Kimley»Horn

March 2024

VTA Bus Access
GOOD SAMARITAN HOSPITAL

7.2 Project Driveway Sight Distance Analysis

A preliminary stopping sight distance and intersection sight distance analysis was conducted to determine the feasibility of the proposed Project driveway location. The AASHTO methodology was used in this analysis. The sight distance needed under various assumptions of physical conditions and driver behavior is directly related to vehicle speeds and to the resultant distances traversed during perception-reaction time and braking.

Stopping sight distance is defined as the sum of reaction distance and braking distance. The reaction distance is based on the reaction time of the driver while the braking distance is dependent upon the vehicle speed and the coefficient of friction between the tires and roadway as the vehicle decelerates to a complete stop. This sight distance analysis indicates the minimum visibility that is required for an approaching vehicle on Samaritan Drive and Samaritan Pl to stop safely if a vehicle from the Project driveway enters or exits the approaching road. The driver should also have an unobstructed view of the intersection, including any traffic-control devices, and sufficient lengths along the intersecting road to permit the driver to anticipate and avoid potential collisions.

For vehicles entering Samaritan Drive from the proposed Project driveway (Driveway 3 – new added driveway) and vehicles entering Samaritan Pl from the proposed Project driveways (Driveway 5 and Driveway 6), the AASHTO method evaluates sight distance from a vehicle exiting the intersection from the driveway to a vehicle approaching from either direction. The intersection sight distance is defined along intersection approach legs and across their included corners known as departure sight triangles. These specified areas should be clear of obstructions that might block a driver's view of potentially conflicting vehicles. Intersection sight distance is measured from a point 3.5-feet above the existing grade (driver's eye) along the potential driveway to a 3.5-foot object height in the center of the approaching lane on Samaritan Drive and Samaritan Pl. A vehicle setback in a stopped position from the back of sidewalk was assumed for determining intersection sight distance.

Minimum sight distance criteria for the potential driveway along Samaritan Drive and Samaritan Pl was determined from the 2018 AASHTO Geometric Design of Highways and Streets 7th Edition (Green Book). For the purposes of this analysis, a design speed of 35 mph (30 mph posted speed limit) was assumed along both Samaritan Drive and a design speed of 30 mph (25 mph posted speed limit) was assumed along Samaritan Pl. AASHTO standard time gap variables for passenger cars stopped on the proposed Project driveways were used. Based on the existing traffic control, minimum sight distance was calculated for the following scenarios:

- Stopping Sight Distance on Samaritan Drive and Samaritan Pl
- Intersection Sight Distance Case B – Stop control at the proposed Project driveway
    - Case B1 – Left turn from the minor road
    - Case B2 – Right turn from the minor road

From Table 9-6 and Table 9-8 of the Green Book, the minimum stopping sight distance along Samaritan Drive (Driveway 3) and Samaritan Pl (Driveway 5) are 250 feet and 200 feet, respectively. The intersection sight distance along Samaritan Drive (Driveway 3) and Samaritan Pl (Driveway 5) are 415 feet and 335 feet respectively for Case B1 and 335 feet and 290 feet for Case B2 assuming approach grades of 3 percent or less at 35 and 30 mph, respectively.

Vehicles on the road will have sufficient sight distance to react and stop safely if a vehicle from the Project driveway enters or exits the road. It is assumed that vehicles turning left or right from Samaritan Dr/Samaritan Pl intersection would be travelling less than 30 mph and would have sufficient visibility and stopping sight distance to stop and avoid any conflicting vehicles.

Vehicles exiting Driveway 6 will only be turning right as entry into Driveway 7 is restricted to Ambulance Use Only. Since Driveway 6 will be located at the north end of Samaritan Pl near the cul-de-sac, the design speed was assumed to be 10 mph. From Table 9-6 and Table 9-8 of the Green Book, the minimum stopping sight distance for Samaritan Pl is 50 feet. Driveway 6 will also have sufficient intersection sight distance of 100 feet to make a right turn onto the road per AASHTO Case B2 scenario.

Table 30 summarizes the intersection and stopping site distance at Project driveways.

Table 30: Project Driveway Sight Distance

Type	Design Speed (MPH)	Required Sight Distance (ft)	Actual Sight Distance (ft)	Sufficient Sight Distance?
Samaritan Drive (Project Driveway 3)				
SSD on Primary Road	35	250	>500	Yes
ISD Case B1 (Left Turn)	35	415	>500	Yes
ISD Case B2 (Right Turn)	35	335	>500	Yes
Samaritan Place (Project Driveway 5)				
SSD on Primary Road	30	200	>200	Yes
ISD Case B1 (Left Turn)	30	335	>335	Yes
ISD Case B2 (Right Turn)	30	290	>290	Yes
Samaritan Place (Project Driveway 6)				
SSD on Primary Road	10	50	>50	Yes
ISD Case B2 (Right Turn)	10	100	>100	Yes

Overall, the proposed Project driveway locations (Driveway 3, Driveway 5, and Driveway 6) provides sufficient sight distance for traffic conditions. To ensure that exiting vehicles can see bikes and vehicles traveling on the roadway, no parking zones striped with red curb should be established immediately adjacent to the Project driveways. **Figure 40**, **Figure 41**, and **Figure 42** shows the available stopping and intersection sight distances for Driveways 3, 5 and 6 respectively.

Figure 40: Driveway 3 – Sight Distance Analysis

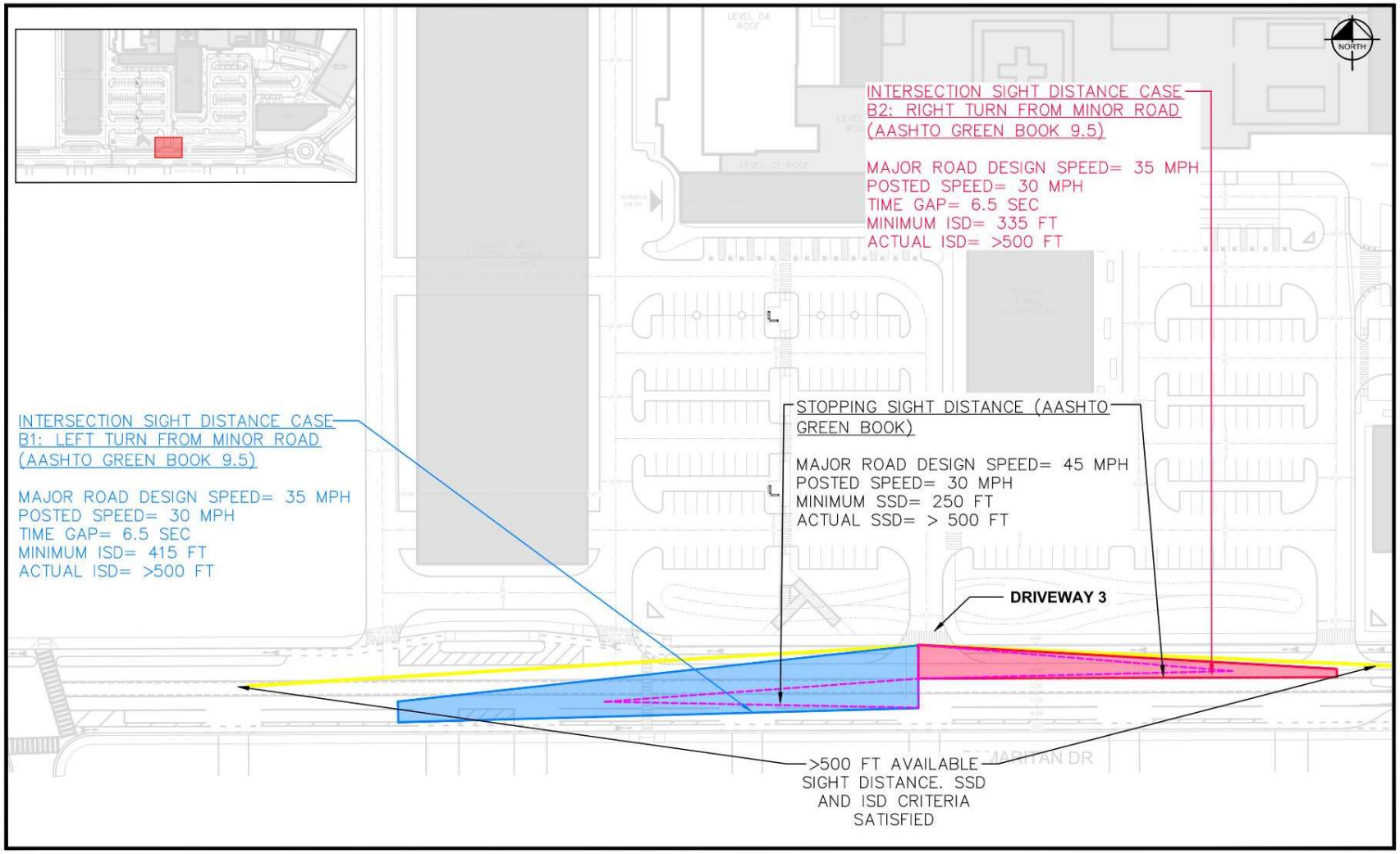


Figure 41: Driveway 5 – Sight Distance Analysis

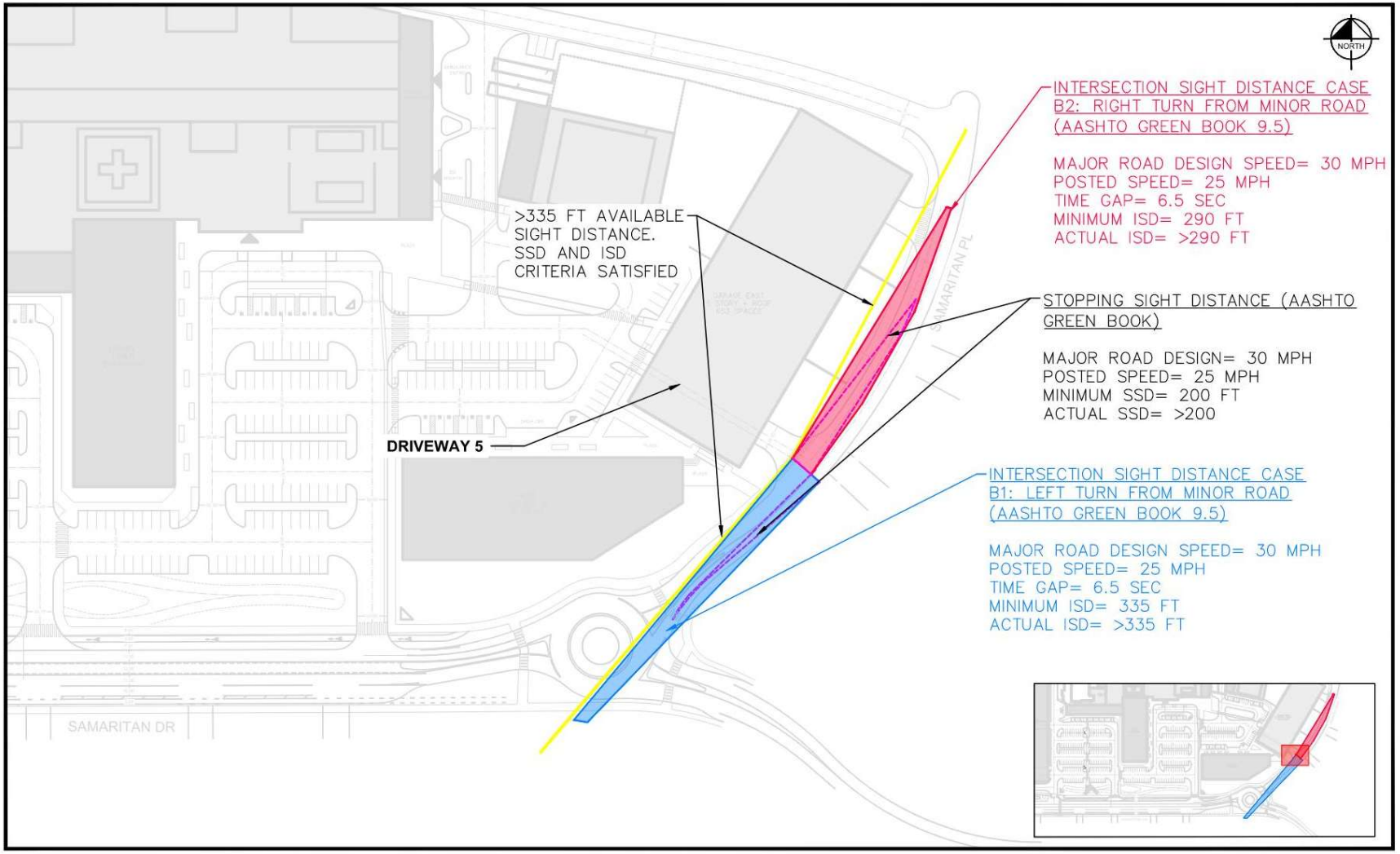
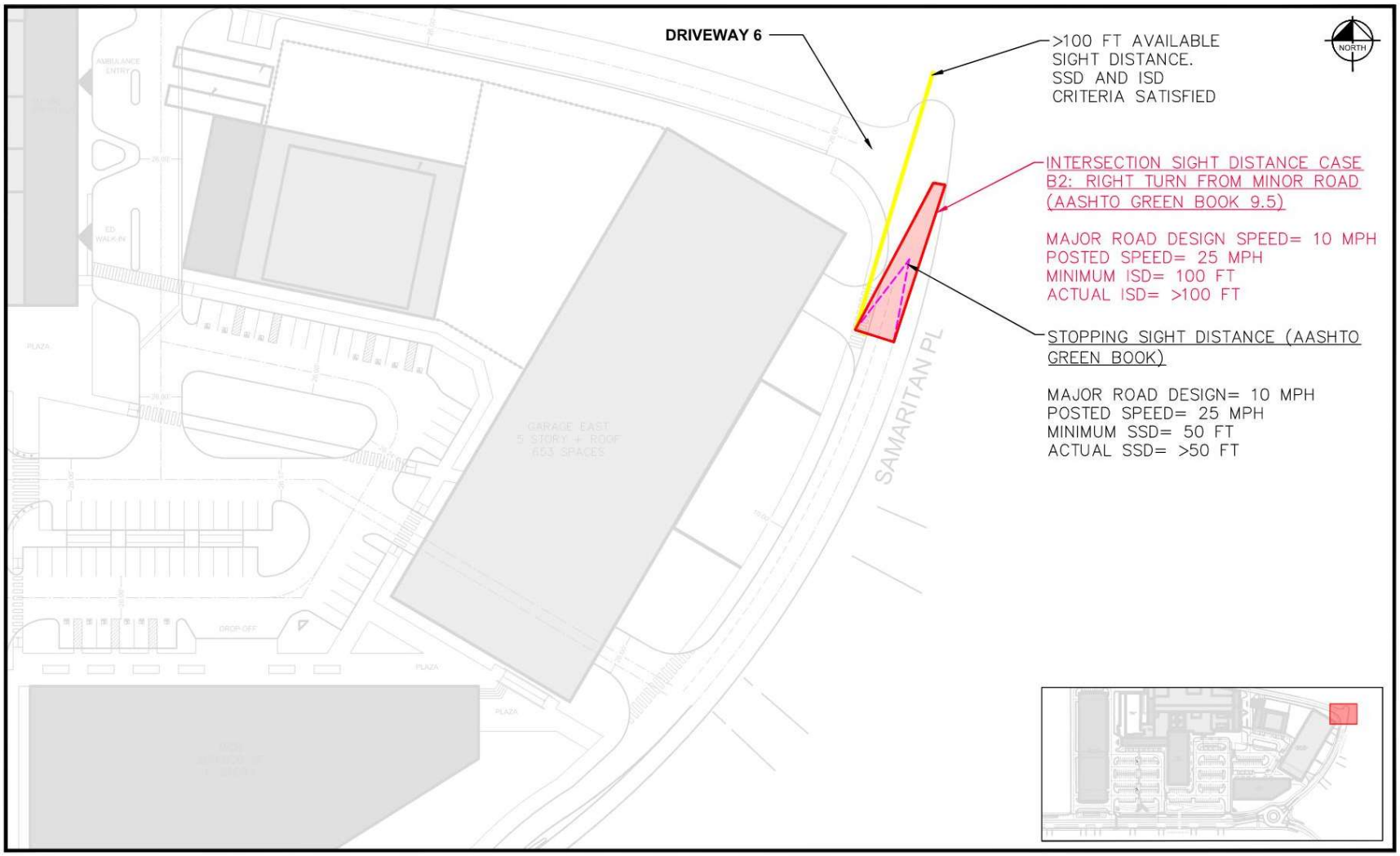


Figure 42: Driveway 6 – Sight Distance Analysis



7.3 Pedestrian and Bicycle Site Access and Circulation

The Project will provide on-site pedestrian and bicycle improvements, which includes marked crosswalks and short-term/long-term bicycle parking facilities. To mitigate the Project's VMT impact, off-site pedestrian and bicycle improvements along Project frontage and beyond will be implemented during Project Phase 3 (Buildout) Conditions. These improvements include a Road Diet along Samaritan Dr, pedestrian improvements along Samaritan Pl, and a roundabout at the intersection of Samaritan Drive / Samaritan Pl.

As stated in **Section 6.5** of the report earlier, a road diet will be implemented with Phase 3 (Buildout), along the Project frontage and beyond along Samaritan Drive from Samaritan Ct. to the intersection of Samaritan Dr/ Samaritan Pl. The road diet will reduce the number of travel lanes from five lanes (i.e., two lanes in each direction and one central left turn lane) to three lanes (i.e., one lane in each direction and one central left turn lane). The project will implement an on-street Class IV Protected Bike Path along the Project's frontage and non-frontage along Samaritan Drive from Samaritan Ct. to Samaritan Pl.

Along Samaritan Pl, the existing approximately 6 ft wide sidewalk will be improved to provide approximately a 10 ft wide sidewalk, resulting in improved pedestrian connection to the existing pedestrian bridge over SR-85. The pedestrian bridge connects to existing Class III Bike Routes along White Oaks Avenue, Browning Avenue, Kilmer Avenue and to the Los Gatos Creek Trail. The roundabout will also enhance pedestrian and bicycle safety at this location and improve all modes travel through this intersection.

The cross-section for the Road Diet along Samaritan Drive is shown in **Figure 22** to **Figure 24**. The Samaritan Pl pedestrian improvements along Project's frontage is shown in **Figure 25** and the Roundabout concept is shown in **Figure 26.**

The proposed improvements involving Road Diet are in line with City's 'Better Bike Plan 2025', which proposes a Class IV Protected Bike Lane in each direction along Samaritan Drive from Los Gatos Blvd. to Union Avenue. A Class III Bike Route along Samaritan Place. as per the City's 'Better Bike Plan 2025' will be retained with improved sidewalk along Projects frontage. Existing marked pedestrian crosswalk across Samaritan Drive at Project's Driveway 2 which connects to the existing bus stop will be retained.

The existing network of sidewalks and crosswalks within the vicinity of the Project's study area are adequate with walkable routes to nearby retail/commercial services, employment centers and residential areas for Project's visitors/employees. In addition, the Project's frontage improvements will feature lighting, landscaping (planting strip), and wider sidewalks, which improve pedestrian perceptions of comfort and safety and provide a positive pedestrian experience.

The proposed Project improves the pedestrian and bicycle connectivity and would not create an adverse effect to existing pedestrian and bicycle operations.

7.4 Transit Site Access and Circulation

As stated in **Section 2.4** of the report, the Project site is served by Route 27 and Route 61 which provides local and regional transit connections. The nearest bus stops to the Project site are located along Samaritan Drive in both eastbound and westbound directions. The westbound direction bus stop is located just south of the existing Good Samaritan Hospital between Driveway 1 and Driveway 2. The

eastbound bus stop is located directly across Driveway 1 and Driveway 2. Access to transit stops is provided through existing sidewalks and marked crosswalks across Samaritan Dr.

The existing bus stop in the westbound direction (between Driveway 1 and Driveway 2) will be improved to accommodate the proposed Road Diet along Samaritan Dr. The improvements to the westbound direction bus stop will include a bus turnout per the VTA standards, a relocated bus shelter in the middle of the bus turnout with floating island transit refuge with bike ramps at grade to existing sidewalk. The City staff prefers the existing bus stop in the westbound direction is relocated east between Driveway 3 and Driveway 4. The final location of the bus stop in the westbound direction will be discussed and finalized in coordination with City and VTA staff during the Plan Development Permits phase. The eastbound direction bus stop will be retained and green bike marking in driveways and transit conflict zone will be painted. The existing old bus shelters at the eastbound and westbound bus stops will be replaced with VTA's new standard shelters. It is recommended that the existing non-sheltered eastbound bus stop is removed and the existing eastbound bus stop with shelter retained.

To mitigate the Project's VMT impact, a single lane roundabout is also proposed at the intersection of Samaritan Drive / Samaritan Pl, along with the Road Diet along Samaritan Dr. The proposed roundabout will allow buses to make U-turns along Samaritan Dr, thus eliminating the need to travel longer to make the turn and provides VTA the much-needed flexibility for bus turnaround in the surrounding area. The proposed roundabout will include a mountable curb for buses to maneuver. VTA Bus turning template is shown in **Figure 39** above.

The proposed Project improves the transit facilities and connectivity and would not create an adverse effect to transit operations.

7.5 Vehicle and Bicycle Parking

The San José City Council voted unanimously on December 6, 2022, to update its parking ordinance to no longer have minimum parking requirements for development proposals and to favor other modes of transportation. The new ordinance is in effect as of April 10, 2023. However, the proposed amounts of vehicle, bicycle, and motorcycle parking are analyzed against Table 20-190 of the San José Municipal Code (SJMC) in effect when the PD Zoning application was deemed complete in March 2023. The proposed Project is required to provide the following off-street parking:

- Hospital/In-Patient Facility
    - One (1) vehicle parking space per 2.5 Beds
    - One (1) bicycle parking space per 25 Beds
- Medical
    - One (1) vehicle parking space per 250-square feet of total gross floor area
    - One (1) bicycle parking space per 4,000-square feet of total gross floor area

City of San José's Municipal Code (SJMC) Chapter 90.90 Part 9 requires development proposals to complete a Transportation Demand Management (TDM) Plan that addresses the parking needs and alternatives to vehicle parking. Both Phase 1 (419 Beds) and Phase 3 (419 Beds and 200 KSF MOB) will cause a net increase in VMT, and therefore are required to prepare a TDM Plan pursuant to the requirements outlined in SJMC Section 20.90.905. A separate TDM plan for Phase 1 and Phase 3 will be prepared for subsequent permit approvals in accordance with SJMC Section 20.90.905. It should be

noted that the Project meets the current Municipal Code Standards with the TDM points target (refer to Section 5 of the report).

The Project would only increase the hospital's existing licensed bed count by 15 beds and add 200,000 square feet MOB. **Table 31** breaks down the phasing of the Project's parking.

Table 31: Required Parking Per City Code

GUIDELINE SOURCE	PARKING TYPE	LAND USE	PARKING STANDARD PER GUIDELINE	PROJECT SIZE	VEHICLE PARKING (# SPACES)	BICYCLE PARKING (# SPACES)
San Jose Municipal Code	**Phase 1 (419 Beds)**					
	Vehicle	Hospital/In-Patient Facility	1 vehicle space per 2.5 Beds	419	168	-
		Medical Office	1 vehicle space per 250 SQFT	0	-	-
	Bicycle	Hospital/In-Patient Facility	1 bicycle space per 25 Beds	419	-	17
		Medical Office	1 bicycle space per 4,000 SQFT	0	-	0
			Total Parking Requirement		**168**	**17**
			Proposed Parking Supply		**1,205**	**17**
			Sufficient Parking?		**YES**	**YES**
	Phase 3 (419 Beds + 200 KSF)					
	Vehicle	Hospital/In-Patient Facility	1 vehicle space per 2.5 Beds	419	168	-
		Medical Office	1 vehicle space per 250 SQFT	200,000	800	-
	Bicycle	Hospital/In-Patient Facility	1 bicycle space per 25 Beds	419	-	17
		Medical Office	1 bicycle space per 4,000 SQFT	200,000	-	50
			Total Parking Requirement		**968**	**67**
			Proposed Parking Supply		**2,179**	**67**
			Sufficient Parking?		**YES**	**YES**

NOTES:
SQFT = Square Feet; GFA = Gross Floor Area;
Proposed parking supply based on project description from applicant
Parking requirements based on San Jose Municipal Code

According SJMC Section 20.90.900, the proposed hospital addition is exempt from completing a TDM Plan because it is an existing use as part of the existing PD zone, which has been effectuated prior to the approval of Ordinance No. 30857. However, because the proposed medical office building (MOB) is not included in the existing PD zone, a TDM Plan would need to be prepared pursuant to the requirements

outlined in SJMC Section 20.90.905. A separate TDM plan for the MOB will be prepared for subsequent permit approvals in accordance with SJMC Section 20.90.905.

7.6 Construction Operations

The Project consists of the phased construction of an eight-story building (basement plus eight floors), a central utility plant, two new parking garages, a medical office building, underground water and sewer tanks, and the demolition of existing Building A and daycare center associated with the existing Good Samaritan Hospital Campus. It is anticipated that the Project's full buildout would result in the construction of two new hospital wings totaling approximately 750,000 square feet, an approximately 200,000 square foot medical office building, and two new parking garage structures totaling approximately 679,000 square feet.

The Project would be developed in three phases: Phase 1 would be constructed over approximately four years starting in 2024, Phase 2 would occur over approximately two years starting in 2029, and Phase 3 would be constructed over approximately two years starting in 2032.

Specifically, Phase 1 would include demolition of approximately 20,946 square feet of the existing hospital main building (Building A) to construct a new SPC 5-rated approximately 548,000-square-foot hospital wing (Building C) and demolish the existing 6,700 square foot daycare center to construct a new five-story parking garage (Garage East) totaling approximately 253,800 square feet and a central utility plant totaling approximately 23,750 square feet (see **Figure 43**). Up to 10 temporary trailers currently used for office and educational purposes are anticipated be relocated from the northern portion of the Project site to the first floor of Garage East during Phase 1 construction to allow for the construction of Building C. Once Building C is completed, the temporary trailers would be removed and the office and educational uses would be relocated into Building C.

Phase 2 would include demolition of the remaining portion of Building A to allow for access to the new hospital (Building C) and replace it with surface parking. Phase 3 would include construction of an approximately 202,000-square-foot hospital wing (Building D), an approximately 200,000 square foot medical office building (Building E), and an approximately 425,200 square foot five-story garage structure (Garage West) (**Figure 44**). Phase 3 also depicts the Project at full buildout.

Figure 43: Phase 1 – Conceptual Plan

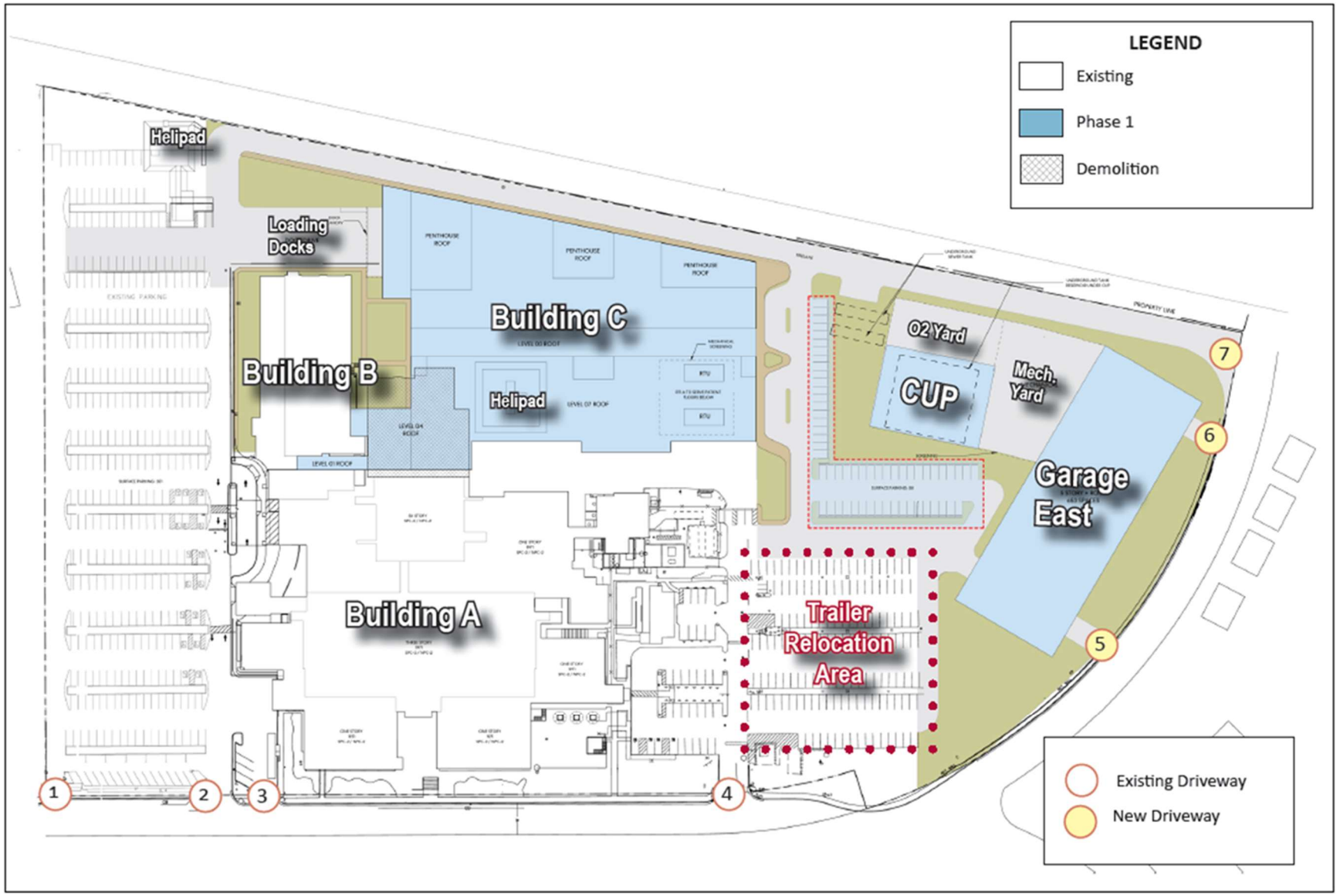
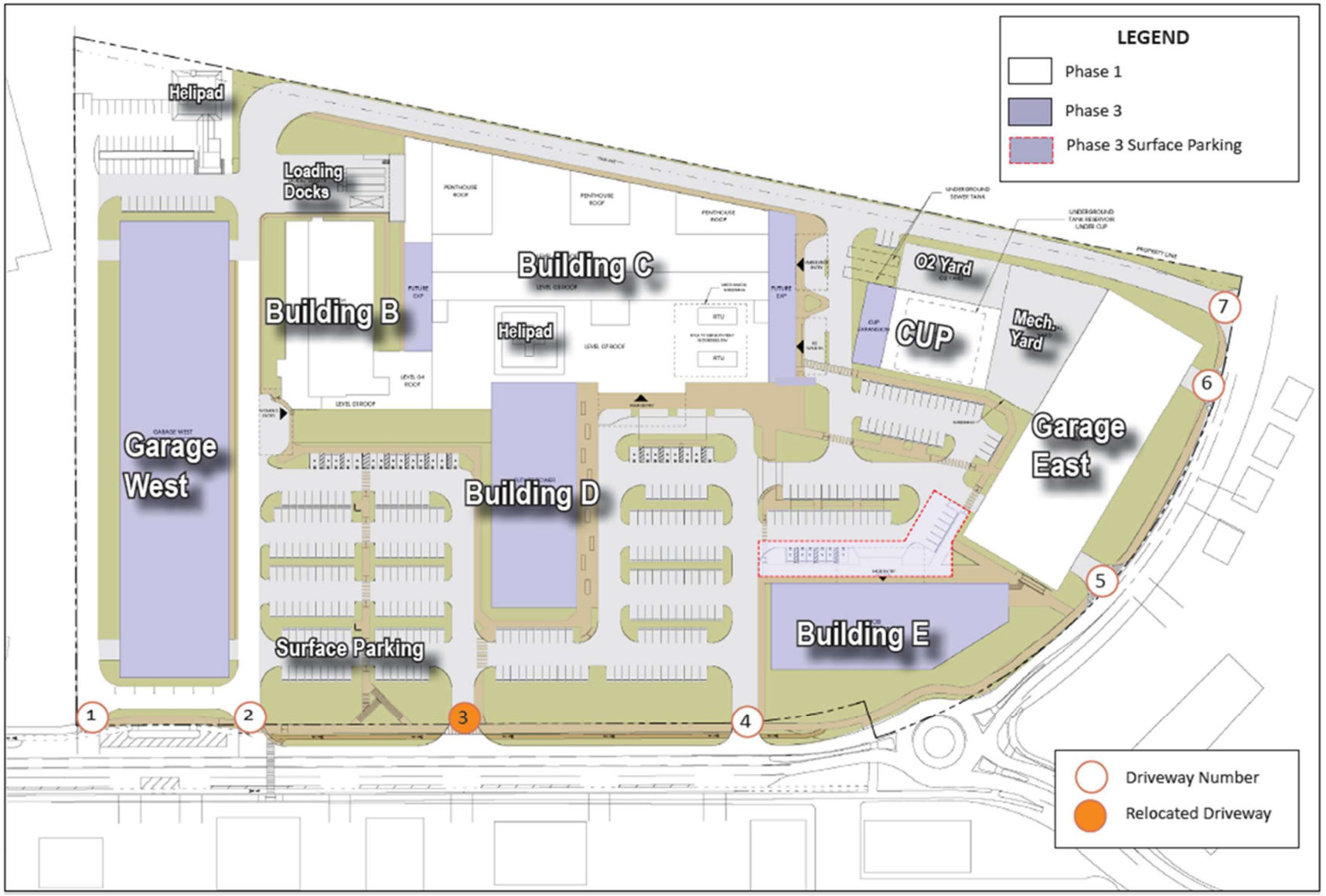


Figure 44: Phase 3 – Conceptual Plan



Phase 1 construction is anticipated to occur over a period of approximately four years. It is anticipated that construction would typically occur six days a week (Monday through Saturday) from 7:00 a.m. to 7:00 p.m. However, nighttime construction may occur for 24-hour concrete pours. Since residential uses are located within 500 feet of the Project site, a development permit granting extended hours would be required, if overnight concrete pours and/or extended construction hours were to occur. No onsite contractor parking would be provided. Temporary construction fencing would be installed prior to the start of construction.

Pedestrians would not be able to travel on the west side of Samaritan Place during Phase 1 construction and would need to use the existing sidewalk and bike facilities on the opposite side of the street. Pedestrians travelling southbound along Samaritan Place from the overhead pedestrian bridge would need to detour to the other side of the street and avoid the sidewalk closure. Bicyclists along Samaritan Place are not anticipated to be impacted due to Phase 1 construction.

Phase 2 would occur over approximately two years starting in December 2029. It is anticipated that construction would typically occur six days a week (Monday through Saturday) from 7:00 a.m. to 7:00 p.m. No onsite contractor parking would be provided. Construction fencing would be placed around Building A once Building C is fully operational and the existing hospital has been fully vacated. A temporary main entry point to Building C would be accessible while the existing hospital is demolished.

Prior to construction, the contractor should place as needed temporary signs indicating closed sidewalk facilities, install a temporary screened fence around the work area, protect existing features/utilities, and repair any damaged improvements within public right of way per City of San José requirements.

7.7 Neighborhood Interface

The area immediately south of Samaritan Dr, within the vicinity of the Project site is mostly residential with some offices along National Avenue. Carlton Elementary School is within a quarter mile radius and Union Middle School is within one mile radius from the Project site. Pedestrian and bicycle circulation within the vicinity of the Project is provided via a combination of sidewalks and existing bicycle facilities. Under existing conditions, National Avenue is classified as a Bike Boulevard and Los Gatos Almaden Rd is classified as Class II Bike Lane facility. Access to Carlton Elementary School is provided via Carlton Avenue, which is proposed as Class III Bike Boulevard as per the 'San José Better Bike Plan 2025'. Los Gatos Almaden Rd which provides access to Union Middle School is proposed as Class IV Protected Bike Lane facility as per 'San José Better Bike Plan 2025'.

As per the trip distribution pattern, around 15 percent of the trips are anticipated to originate from south. However, majority of these trips are anticipated to use SR 17, Los Gatos Blvd, and Union Boulevard to access the Project site as these streets provide a more direct route with more travel lanes and higher travel speeds. Negligible Project trips are anticipated through the residential neighborhood streets.

Field visits were conducted within the vicinity of the Project site to observe on-street parking occupancy along Samaritan Dr, Kinghurst Dr, Lost Oaks Dr, and National Avenue. In addition, field observations were conducted to determine whether visitors to Good Samaritan Hospital park utilize on-street parking instead of parking on-site. The field observations are summarized below:

- An average parking occupancy of 75% for on-site parking spaces was observed on a typical weekday during morning, lunch time and afternoon peak periods.

- Visitors were observed to use the parking spaces for the medical office buildings west of existing Project site and walk to the hospital.
- Visitors were also observed to use on-street parking spaces along Samaritan Pl and Samaritan Drive and walk to the hospital. While the on-street parking was almost fully utilized along Samaritan Pl, on-street parking spaces were available along Samaritan Dr. It should be noted that the time limit for on-street parking along Samaritan Drive is 2 hours and there is no time limit along Samaritan Pl.
- On-street parking along Kinghurst Drive between Samaritan Drive and Lost Oaks Drive was fully occupied; however, no visitors were observed to park along Kinghurst Drive and walk to the hospital.
- No visitors were observed to park along Lost Oak Drive and National Avenue and walk to the hospital.

From the parking analysis, the Project's on-site parking would satisfy the City's vehicle parking standard, and the Project is not anticipated to create an adverse effect to the existing parking condition in the surrounding area. ADT traffic count data for Kinghurst Avenue, Lost Oaks Avenue, Carlton Avenue, Samaritan Pl, and National Avenue is provided in the **Appendix D.**

The existing sidewalks at least six feet wide are available on both the north and south sides of Samaritan Dr, with good lighting and signing. Marked crosswalks and ADA standard curb ramps are also provided in the area. The Project is not anticipated to create an adverse effect to the existing pedestrian and bicycle facilities in the surrounding neighborhood area.

7.8 Effects on Neighborhood Streets

As shown in **Figure 13** and **Figure 14**, the project trips will use major City Collector Streets (i.e., Bascom Ave., Los Gatos Blvd., Union Ave., Samaritan Dr.) to access the project site. Local or residential streets within the vicinity of the project site are anticipated to carry negligible project traffic and the effect on these streets is anticipated to be minimal. The following roadway segments which provide access to the adjacent neighborhoods were studied:

1. Kinghurst Dr., South of Lost Oaks Dr.
2. Lost Oaks Dr., West of Kingshurst Dr.
3. Carlton Ave., East of Kingridge Dr.
4. Samaritan Dr., Between Kingshurst Dr. and Samaritan Pl.
5. Samaritan Pl., North of Samaritan Dr.
6. National Ave., Between Samaritan Dr. and Lost Oaks Dr.
7. Carlton Ave., Between Kingsdale Dr. and Kingwood Way
8. Lost Oaks Dr., Between Kingshurst Dr. and Kingwood Way
9. Kingshurst Ave., Between Kingfield Way and Carlton Ave.

The roadway segments studied are shown in **Figure 45**.

The City of San Jose does not have a criterion to study the TIRE (Traffic Infusion on Residential Environment), however, the City's Traffic Calming Toolkit identifies threshold criteria to implement comprehensive traffic calming projects based on street type, posted speed limit, and observed 85th percentile speed limit.

Effects of project trips on neighborhood streets were evaluated based on engineering judgement, using the anticipated daily project traffic volumes added and percent increase in traffic volumes along these roadway segments. It should be noted that the effect of project traffic on neighborhood streets is dependent on multiple variables such as traffic volumes, traffic mix (i.e., passenger cars, trucks, transit, bike, pedestrian, etc.), resultant increase in traffic (i.e., vehicles, pedestrian, bicyclists, etc.), neighborhood characteristics, parcel size, presence of on-street parking, pavement conditions, perception of residents within the neighborhood to increase in traffic and noise levels, etc., which makes it difficult to quantify. The information provided in this section of the report is for informational purposes only.

All roadway segments evaluated are identified as residential streets in the Vision San Jose 2040 General Plan, except Samaritan Dr. which is classified as a City Connector Street from Bascom Ave./Los Gatos Blvd. to Ester Dr. and as a Local Connector Street from Ester Dr. to Union Ave. All residential roadway segments consist of two-lane roadway and Samaritan Dr. consists of two-lanes in each direction with a central left-turn lane. The posted speed limit for all roadway segments evaluated is 25 mph, except for Samaritan Dr. where the posted speed limit is 30 mph.

As per the City of San Jose Traffic Calming Toolkit, a Local Street carries average daily traffic (ADT) volumes typically ranging from 1,000 to 3,000 vehicles with a posted speed limit of 25 mph and a Neighborhood Collector Street carries average daily traffic (ADT) volumes typically ranging from 1,000 to 6,000 vehicles with a posted speed limit of 30 mph. City's street typology of Local Connector Street can be related to 2-Lane Collector as per the Highway Capacity Manual, carrying ADT volumes typically ranging from 6,000 to 12,000 vehicles. Similarly, City's Street typology of City Connector Street can be related to 2-Lane Arterial (with left-turn lane) as per the Highway Capacity Manual, carrying ADT volumes typically ranging from 11,000 to 18,000 vehicles.

The 24-hour traffic count data and the observed 85th percentile speed for the evaluated roadway segments are shown in **Table 32**. The traffic count and the speed data were collected during May 2022 and December 2022 for the evaluated roadway segments. The observed 85th percentile speed for the following segments exceed the threshold criteria as per City of San Jose Traffic Calming Toolkit, triggering the need for comprehensive traffic calming projects:

- Samaritan Dr., between Kingshurst Dr. and Samaritan Pl.
- National Ave., between Samaritan Dr. and Los Oaks Dr.

It should be noted that no project trips are added along National Ave. during Phase 1 and Phase 3 (Buildout). Even though the observed 85th percentile speed along National Ave. is 33 mph in both directions, comprehensive traffic calming projects are not recommended.

Under existing conditions, the ADT volumes for all evaluated roadway segments are within the capacities associated with the street types. The addition of project trips increases the daily traffic volumes along these roadway segments, however, all evaluated roadway segments continue to be within capacities associated with the street types under the Background and Cumulative Conditions. Therefore, no impact is anticipated on neighborhood streets with the addition of project traffic. As described in **Section 6.7** of this report, comprehensive traffic calming in form of Road Diet is proposed along Samaritan Dr. between Kingshurst Dr. and Samaritan Pl. along with a roundabout at the Samaritan Dr. / Samaritan Pl. intersection. Additionally, traffic calming improvements are also identified along Samaritan Pl., along the project frontage.

Figure 45: Neighborhood Roadway Segments



Table 32: Average Daily Traffic (ADT) Volumes on Neighborhood Streets

#	Roadway Segment	Direction	Posted Speed (mph) [1]	85th Percentile Speed (mph)	Existing Average Daily Traffic (ADT)	Traffic Calming Threshold Criteria Met (Yes/No)	Background Projects (PM) Trips	Background Projects ADT	Project Phase 1 & Phase 2 (PM) Trips	Project Phase 1 & Phase 2 - Net Daily Project Trips	Existing + Background + Phase 1 & Phase 2 - Daily Trips	Percent (%) Project Trips	Cumulative Projects (PM) Trips	Cumulative Projects ADT	Project Phase 3 Buildout (PM Trips)	Project Phase 3 - Net Daily Project Trips	Existing + Cumulative + Phase 3 Buildout - Daily Trips	Percent (%) Project Trips
1	Kinghurst Dr., South of Lost Oaks Dr.	NB	25	28	368	No	34	340	0	0	708	0%	34	708	1	10	718	1%
		SB	25	28	455		83	830	2	20	1,305	2%	83	1,305	4	40	1,345	3%
		Total			**823**		**117**	**1,170**	**2**	**20**	**2,013**	**1%**	**117**	**2,013**	**5**	**50**	**2,063**	**2%**
2	Lost Oaks Dr., West of Kingshurst Dr.	EB	25	30	241	No	1	7	0	0	248	0%	1	248	0	0	248	0%
		WB	25	29	294		2	17	0	0	311	0%	2	311	0	1	312	0%
		Total			**535**		**2**	**23**	**0**	**0**	**559**	**0%**	**2**	**559**	**0**	**1**	**560**	**0%**
3	Carlton Ave., East of Kingridge Dr.	EB	25	31	1,487	No	9	85	0	0	1,572	0%	9	1,572	0	3	1,575	0%
		WB	25	30	1,304		21	208	1	5	1,517	0%	21	1,517	1	10	1,527	1%
		Total			**2,791**		**29**	**293**	**1**	**5**	**3,089**	**0%**	**29**	**3,089**	**1**	**13**	**3,101**	**0%**
4	Samaritan Dr., Between Kingshurst Dr. and Samaritan Pl.	EB	30	40	4,052	**Yes**	236	2,360	15	150	6,562	2%	236	6,562	56	560	7,122	8%
		WB	30	38	4,582		165	1,650	102	1,020	7,252	14%	165	7,252	250	2,500	9,752	26%
		Total			8,634		401	4,010	117	1,170	13,814	8%	401	13,814	306	3,060	16,874	18%
5	Samaritan Pl., North of Samaritan Dr.	NB	25	23	225	No	0	0	50	500	725	69%	0	725	122	1,220	1,945	63%
		SB	25	23	232		0	0	10	100	332	30%	0	332	24	240	572	42%
		Total			**457**		**0**	**0**	**60**	**600**	**1,057**	**57%**	**0**	**1,057**	**146**	**1,460**	**2,517**	**58%**
6	National Ave., Between Samaritan Dr. and Lost Oaks Dr.	NB	25	33	1,114	**Yes**	0	0	0	0	1,114	0%	0	1,114	0	0	1,114	0%
		SB	25	33	2,235		0	0	0	0	2,235	0%	0	2,235	0	0	2,235	0%
		Total			**3,349**		**0**	**0**	**0**	**0**	**3,349**	**0%**	**0**	**3,349**	**0**	**0**	**3,349**	**0%**
7	Carlton Ave., Between Kingsdale Dr. and Kingwood Way	EB	25	29	1,349	No	9	85	0	0	1,434	0%	9	1,434	0	3	1,437	0%
		WB	25	30	1,280		21	208	1	5	1,493	0%	21	1,493	1	10	1,503	1%
		Total			**2,629**		**29**	**293**	**1**	**5**	**2,927**	**0%**	**29**	**2,927**	**1**	**13**	**2,939**	**0%**
8	Lost Oaks Dr., Between Kingshurst Dr. and Kingwood Way	EB	25	29	195	No	16	163	0	0	358	0%	16	358	0	5	363	1%
		WB	25	29	320		40	398	1	10	728	1%	40	728	0	19	747	3%
		Total			**515**		**56**	**562**	**1**	**10**	**1,086**	**1%**	**56**	**1,086**	**0**	**24**	**1,110**	**2%**
9	Kingshurst Ave., Between Kingfield Way and Carlton Ave.	NB	25	29	410	No	34	340	0	0	750	0%	34	750	1	10	760	1%
		SB	25	31	271		83	830	2	20	1,121	2%	83	1,121	4	40	1,161	3%
		Total			**681**		**117**	**1,170**	**2**	**20**	**1,871**	**1%**	**117**	**1,871**	**5**	**50**	**1,921**	**3%**

Notes:
1. Posted Speed limit, based on field visit or as per California Vehicle Code which identifies a speed limit of 25 mph for streets within residential districts.
2. Threshold Criteria from City of San Jose Traffic Calming Toolkit for Comprehensive Traffic Calming Projects.

8. CMP FREEWAY SEGMENT ANALYSIS

The following freeway segments were selected based on their proximity to the Project study area along SR 85 and SR 17:

SR 17

1. SR 17 Northbound (NB), between Saratoga Avenue and Lark Avenue
2. SR 17 Northbound (NB), between Lark Avenue and SR 85
3. SR 17 Northbound (NB), between SR 85 and San Tomas Expwy/Camden Avenue
4. SR 17 Northbound (NB), between San Tomas Expwy/Camden Avenue to Hamilton Avenue
5. SR 17 Southbound (SB), between Hamilton Avenue to San Tomas Expwy/Camden Avenue
6. SR 17 Southbound (SB), between San Tomas Expwy/Camden Avenue to SR 85
7. SR 17 Southbound (SB), between SR 85 and Lark Avenue
8. SR 17 Southbound (SB), between Lark Avenue and Saratoga Avenue

SR 85

9. SR 85 Eastbound (EB), between Camden Avenue and Union Avenue
10. SR 85 Eastbound (EB), between Union Avenue and S. Bascom Avenue
11. SR 85 Eastbound (EB), between S. Bascom Avenue and SR 17
12. SR 85 Eastbound (EB), between SR 17 and Winchester Blvd
13. SR 85 Westbound (WB), between Winchester Blvd and SR 17
14. SR 85 Westbound (WB), between SR 17 and S. Bascom Avenue
15. SR 85 Westbound (WB), between S. Bascom Avenue and Union Avenue
16. SR 85 Westbound (WB), between Union Avenue and Camden Avenue

As per the 2018 CMP Monitoring & Conformance Report, a capacity of 2,300 vehicles per hour per lane should be used for mixed-flow segments with three or more lanes in one direction, and a capacity of 2,200 vehicles per hour per lane should be used for mixed-flow segments that are two lanes in one direction. For High Occupancy Vehicle (HOV) lanes, a capacity of 1,650 vehicles per hour per lane should be used.

Existing freeway segment volumes were obtained from the 2018 CMP Monitoring & Conformance Report. Cumulative Conditions freeway segment volumes were estimated by adding the ATI traffic volumes for approved and pending Projects to the existing freeway volumes. The Cumulative Plus Project Conditions freeway segment volumes were estimated by adding the Project trips to the Cumulative Conditions. It should be noted that the freeway segment analysis was conducted for Project Phase 3 (Buildout) only.

8.1 Existing Conditions Analysis

Freeway segment operations were evaluated at the study locations under Existing conditions, and the results of the analysis are presented in **Table 33**.

As shown in **Table 33** below, under existing conditions 6 segments during the AM peak hour and 5 segments during the PM peak hour operate at unacceptable LOS F.

Table 33: Freeway Segment Capacity Analysis - Existing Conditions

						Existing Conditions									
ID	Facility	Dir	Freeway Segment	Peak Hour	Miles	Volume (pc)		Speed (mph)		Lanes (ln)		Density (pc/mi/ln)		LOS	
						Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV
SR 17															
Northbound															
1	SR 17	NB	between Saratoga Ave and Lark Ave	AM	1.81	3,946	-	54.80	-	2	0	36	-	D	-
	SR 17	NB		PM		3,892	-	55.60	-	2	0	35	-	D	-
2	SR 17	NB	between Lark Ave and SR 85	AM	0.46	3,917	-	54.40	-	2	0	36	-	D	-
	SR 17	NB		PM		3,416	-	61.00	-	2	0	28	-	D	-
3	SR 17	NB	between SR 85 and San Tomas Expwy/Camden Ave	AM	1.17	4,721	-	25.80	-	3	0	61	-	**F**	-
	SR 17	NB		PM		5,141	-	61.20	-	3	0	28	-	D	-
4	SR 17	NB	between San Tomas Expwy/Camden Ave and Hamilton Ave	AM	1.82	3,504	-	16.00	-	3	0	73	-	**F**	-
	SR 17	NB		PM		4,550	-	63.20	-	3	0	24	-	C	-
Southbound															
5	SR 17	SB	between Hamilton Ave and San Tomas Expwy/Camden Ave	AM	1.82	4,710	-	62.80	-	3	0	25	-	C	-
	SR 17	SB		PM		5,587	-	58.20	-	3	0	32	-	D	-
6	SR 17	SB	between San Tomas Expwy/Camden Ave and SR 85	AM	1.17	5,237	-	60.20	-	3	0	29	-	D	-
	SR 17	SB		PM		5,674	-	39.40	-	3	0	48	-	E	-
7	SR 17	SB	between SR 85 and Lark Ave	AM	0.46	3,888	-	54.00	-	2	0	36	-	D	-
	SR 17	SB		PM		3,494	-	31.20	-	2	0	56	-	E	-
8	SR 17	SB	between Lark Ave and Saratoga Ave	AM	1.81	3,576	-	59.60	-	2	0	30	-	D	-
	SR 17	SB		PM		3,024	-	24.00	-	2	0	63	-	**F**	-
SR 85															
Eastbound															
9	SR 85	EB	between Camden Ave and Union Ave	AM	1.17	2,916	854	63.40	71.17	2	1	23	12	C	B
	SR 85	EB		PM		2,999	1,734	23.80	39.41	2	1	63	44	**F**	D
10	SR 85	EB	between Union Ave and S. Bascom Ave	AM	1.13	2,584	978	64.60	69.88	2	1	20	14	C	B
	SR 85	EB		PM		1,613	1,756	9.60	39.90	2	1	84	44	**F**	D
11	SR 85	EB	between S. Bascom Ave and SR 17	AM	0.27	1,980	978	66.00	69.83	2	1	15	14	B	B
	SR 85	EB		PM		2,156	1,701	14.00	50.03	2	1	77	34	**F**	D
12	SR 85	EB	between SR 17 and Winchester Blvd	AM	0.50	1,726	979	66.40	69.91	2	1	13	14	B	B
	SR 85	EB		PM		2,219	1,574	14.60	58.29	2	1	76	27	**F**	D
Westbound															
13	SR 85	WB	between Winchester Blvd and SR 17	AM	0.50	1,693	1,469	10.20	13.35	2	1	83	110	**F**	**F**
	SR 85	WB		PM		3,982	852	52.40	71.00	2	1	38	12	D	B
14	SR 85	WB	between SR 17 and S. Bascom Ave	AM	0.27	1,530	1,376	9.00	10.92	2	1	85	126	**F**	**F**
	SR 85	WB		PM		2,696	719	64.20	71.94	2	1	21	10	C	A
15	SR 85	WB	between S. Bascom Ave and Union Ave	AM	1.13	2,336	1,733	16.00	28.41	2	1	73	61	**F**	**F**
	SR 85	WB		PM		3,712	1,206	58.00	67.02	2	1	32	18	D	B
16	SR 85	WB	between Union Ave and Camden Ave	AM	1.17	2,448	1,711	17.00	26.74	2	1	72	64	**F**	**F**
	SR 85	WB		PM		3,492	720	60.20	72.02	2	1	29	10	D	A

8.2 Cumulative and Cumulative Plus Project Phase 3 (Buildout) Conditions Analysis

Freeway segment operations were evaluated at the study locations under Cumulative and Cumulative Plus Project Phase 3 (Buildout) conditions, and the results of the analysis are presented in **Table 34**. As shown in **Table 34** below, under Cumulative Plus Project Conditions, the same freeway segments which were operating at unacceptable LOS F (6 segments during the AM peak hour and 5 segments during the PM peak hour) continue to operate at unacceptable LOS F. The addition of Project trips causes increase of more than one percent of the capacity of the following freeway segments, resulting in an adverse effect on traffic conditions:

- SR 85 EB - Mixed Flow Lane, between Camden Avenue and Union Avenue during the PM peak hour
- SR 85 WB – Mixed Flow Lane and HOV Lane, between Winchester Blvd. and SR-17

Table 34: Freeway Segment Operations Summary for Cumulative Conditions

ID	Freeway Segment	Peak Hour	Miles	Volume (pc)						Speed (mph)		Lanes (ln)		Capacity		Cumulative Conditions				Cumulative Plus Project Conditions							
				Background	+ Project (Mixed Flow)	Background + Project	Background	+ Project Trips (HOV)	Background + Project							Density (pc/mi/ln)		LOS		Project Trips		Density (pc/mi/ln)		LOS		Impact (%)	
				Mixed Flow Lane		Mixed Flow Lane	HOV Lane		HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV	Mixed	HOV
SR 17																											
Northbound																											
1	between Saratoga Ave and Lark Ave	AM	1.81	3,982	20	4,002	-		-	55	-	2	0	4,400	-	36	-	D	-	20	-	37	-	D	-	-	-
		PM		3,924	4	3,928	-		-	56	-	2	0	4,400	-	35	-	D	-	4	-	35	-	D	-	-	-
2	between Lark Ave and SR 85	AM	0.46	3,917	5	3,922	-		-	54	-	2	0	4,400	-	36	-	D	-	5	-	36	-	D	-	-	-
		PM		3,416	23	3,439	-		-	61	-	2	0	4,400	-	28	-	D	-	23	-	28	-	D	-	-	-
3	between SR 85 and San Tomas Expwy/Camden Ave	AM	1.17	4,721	5	4,726	-		-	26	-	3	0	6,900	-	61	-	F	-	5	-	61	-	F	-	-	-
		PM		5,141	23	5,164	-		-	61	-	3	0	6,900	-	28	-	D	-	23	-	28	-	D	-	-	-
4	between San Tomas Expwy/Camden Ave and Hamilton Ave	AM	1.82	3,504	5	3,509	-		-	16	-	3	0	6,900	-	73	-	F	-	5	-	73	-	F	-	-	-
		PM		4,550	23	4,573	-		-	63	-	3	0	6,900	-	24	-	C	-	23	-	24	-	C	-	-	-
Southbound																											
5	between Hamilton Ave and San Tomas Expwy/Camden Ave	AM	1.82	4710	0	4710	-		-	63	-	3	0	6,900	-	25	-	C	-	0	-	25	-	C	-	-	-
		PM		5587	0	5587	-		-	58	-	3	0	6,900	-	32	-	D	-	0	-	32	-	D	-	-	-
6	between San Tomas Expwy/Camden Ave and SR 85	AM	1.17	5315	27	5342	-		-	60	-	3	0	6,900	-	29	-	D	-	27	-	30	-	D	-	-	-
		PM		5750	5	5755	-		-	39	-	3	0	6,900	-	49	-	E	-	5	-	49	-	E	-	-	-
7	between SR 85 and Lark Ave	AM	0.46	3966	27	3993	-		-	54	-	2	0	4,400	-	37	-	D	-	27	-	37	-	D	-	-	-
		PM		3570	5	3575	-		-	31	-	2	0	4,400	-	57	-	E	-	5	-	57	-	E	-	-	-
8	between Lark Ave and Saratoga Ave	AM	1.81	3693	43	3736	-		-	60	-	2	0	4,400	-	31	-	D	-	43	-	31	-	D	-	-	-
		PM		3121	8	3129	-		-	24	-	2	0	4,400	-	65	-	F	-	8	-	65	-	F	-	-	-
SR 85																											
Eastbound																											
9	between Camden Ave and Union Ave	AM	1.17	2,916	12	2,928	854	3	857	63	71.17	2	1	4,400	1650	23	12	C	B	12	3	23	12	C	B	-	-
		PM		2,999	50	3,049	1,734	29	1,763	24	39.41	2	1	4,400	1650	63	44	F	D	50	29	64	45	F	D	1.14%	-
10	between Union Ave and S. Bascom Ave	AM	1.13	2,601	16	2,617	985	6	991	65	69.88	2	1	4,400	1650	20	14	C	B	16	6	20	14	C	B	-	-
		PM		1,620	9	1,629	1,764	9	1,773	10	39.9	2	1	4,400	1650	84	44	F	D	9	9	85	44	F	D	-	-
11	between S. Bascom Ave and SR 17	AM	0.27	2,061	52	2,113	1,018	25	1,043	66	69.83	2	1	4,400	1650	16	15	B	B	52	25	16	15	B	B	-	-
		PM		2,212	8	2,221	1,746	7	1,752	14	50.03	2	1	4,400	1650	79	35	F	D	8	7	79	35	F	D	-	-
12	between SR 17 and Winchester Blvd	AM	0.50	1,804	49	1,853	1,023	28	1,050	66	69.91	2	1	4,400	1650	14	15	B	B	49	28	14	15	B	B	-	-
		PM		2,278	9	2,287	1,616	6	1,622	15	58.29	2	1	4,400	1650	78	28	F	D	9	6	78	28	F	D	-	-
Westbound																											
13	between Winchester Blvd and SR 17	AM	0.50	1,800	48	1,848	1,561	41	1,603	10	13.35	2	1	4,400	1650	88	117	F	F	48	41	91	120	F	F	1.08%	2.51%
		PM		4,106	17	4,123	878	4	882	52	71	2	1	4,400	1650	39	12	D	B	17	4	39	12	D	B	-	-
14	between SR 17 and S. Bascom Ave	AM	0.27	1,598	9	1,607	1,437	8	1,445	9	10.92	2	1	4,400	1650	89	132	F	F	9	8	89	132	F	F	-	-
		PM		2,778	15	2,793	741	4	745	64	71.94	2	1	4,400	1650	22	10	C	A	15	4	22	10	C	A	-	-
15	between S. Bascom Ave and Union Ave	AM	1.13	2,336	11	2,347	1,733	8	1,741	16	28.41	2	1	4,400	1650	73	61	F	F	11	8	73	61	F	F	-	-
		PM		3,712	60	3,772	1,206	20	1,226	58	67.02	2	1	4,400	1650	32	18	D	B	60	20	33	18	D	B	-	-
16	between Union Ave and Camden Ave	AM	1.17	2,448	11	2,459	1,711	8	1,719	17	26.74	2	1	4,400	1650	72	64	F	F	11	8	72	64	F	F	-	-
		PM		3,492	66	3,558	720	14	734	60	72.02	2	1	4,400	1650	29	10	D	A	66	14	30	10	D	A	-	-

As identified above, the addition of Project trips increases the capacity of mixed flow lane and HOV lane at two freeway segments which are already operating at LOS F, causing an adverse effect. No improvements involving freeway widening to increase vehicle capacity are identified, however, the 2040 VTA's Valley Transportation Plan (VTP) identifies express lane Projects along SR-85, between Mountain View and US 101 totaling approximately 24 miles. The proposed facility will allow single occupancy vehicles access to the express lanes by paying a toll. This express lane Project will convert the existing HOV lanes in either direction to express lanes. The Project will also include the continuation of the express lanes for three miles to US 101 in South San José, through the SR 85/ US 101 Interchange, for a total of 27 miles.

It should be noted that it is not feasible for the proposed Project to bear the cost of implementing the improvements due to constraints related to right-of-way (ROW) and land acquisition costs. The project is proposing to implement a TDM plan with various programmatic measures especially for employees, which would potentially reduce the number of trips the project will generate during the AM and PM peak hours.

8.3 Freeway On-Ramp Analysis

On-Ramp Queuing Analysis

To assess the potential adverse effect of added Project trips at on-ramps, queuing analysis was conducted using Synchro and SimTraffic software. Maximum per lane capacity for on-ramp analysis was assumed at 900 vehicles/lane and 10-multiple SimTraffic simulation runs were performed for average queuing results. Anticipated average queues (50th percentile) and 95th percentile queues are shown in **Table 35** below.

Table 35: Freeway On-Ramp Queuing Analysis

S. No.	Study Ramps	No. of Lanes	Storage (ft/ln)	Total Storage (ft)	Scenario	AM Peak				PM Peak			
						Average Queue (ft/ln)	Sufficient Storage?	95% Queue (ft/ln)	Sufficient Storage?	Average Queue (ft/ln)	Sufficient Storage?	95% Queue (ft/ln)	Sufficient Storage?
1	Union Ave & SR-85 NB On-Ramp	2	715	1430	Existing Conditions	40	YES	65	YES	50	YES	76	YES
					Background Conditions	45	YES	77	YES	48	YES	70	YES
					Background Plus Project (Phase 3 Buildout) Conditions	40	YES	62	YES	50	YES	82	YES
					Cumulative Conditions	45	YES	78	YES	46	YES	79	YES
					Cumulative Plus Project (Phase 3 Buildout) Conditions	42	YES	71	YES	56	YES	90	YES
2	Union Ave & SR-85 SB On-Ramp	1	815	815	Existing Conditions	51	YES	88	YES	110	YES	167	YES
					Background Conditions	62	YES	116	YES	116	YES	192	YES
					Background Plus Project (Phase 3 Buildout) Conditions	58	YES	102	YES	188	YES	304	YES
					Cumulative Conditions	61	YES	88	YES	140	YES	225	YES
					Cumulative Plus Project (Phase 3 Buildout) Conditions	57	YES	87	YES	307	YES	523	YES
3	S Bascom Ave & SR-85 NB On-Ramp	1	1135	1135	Existing Conditions	37	YES	67	YES	40	YES	68	YES
					Background Conditions	40	YES	78	YES	44	YES	83	YES
					Background Plus Project (Phase 3 Buildout) Conditions	51	YES	84	YES	54	YES	94	YES
					Cumulative Conditions	42	YES	72	YES	39	YES	68	YES
					Cumulative Plus Project (Phase 3 Buildout) Conditions	42	YES	67	YES	57	YES	85	YES
4	S Bascom Ave & SR-85 SB On-Ramp	2	1785	3570	Existing Conditions	17	YES	41	YES	36	YES	57	YES
					Background Conditions	20	YES	39	YES	34	YES	60	YES
					Background Plus Project (Phase 3 Buildout) Conditions	27	YES	44	YES	32	YES	47	YES
					Cumulative Conditions	27	YES	42	YES	37	YES	63	YES
					Cumulative Plus Project (Phase 3 Buildout) Conditions	20	YES	40	YES	33	YES	52	YES

As shown in **Table 35** above, the addition of Project trips will increase the queue length, however, these increase in queue length is not anticipated to be significant and can be accommodated within the available storage space. It should also be noted that that the 95th percentile queues have 5 percent probability of exceeding during the analysis time period and is not what an average driver would experience. Furthermore, the San José Transportation Analysis Handbook dated April 2023 does not require analysis of on-ramps and no adverse effect criteria is identified for the analysis.

The project is proposing to implement a TDM plan with various programmatic measures especially for employees, which would potentially reduce the number of trips the project will generate during the AM and PM peak hours.

9. CONCLUSIONS AND RECOMMENDATIONS

Phase 1 includes the construction of a new 548,444 square foot 413 bed hospital. Phase 2 of the project demolishes the remaining portion of the existing hospital building and replace it with surface parking. Phase 3 incudes the construction of a 201,936 square foot hospital expansion with a total of 419 beds and the addition of a 200,000 square foot MOB.

The CEQA transportation analysis which provides an evaluation of VMT, looked at a conservative scenario for Phase 1 by assuming all 419 licensed beds are operational by end of Phase 1. Phase 3 (Buildout) includes VMT evaluation of 419 licensed beds and 200 KSF of MOB. No VMT analysis was conducted for Phase 2 as no traffic is generated.

The total increase in daily VMT caused by Phase 1 would be 0.05% (i.e., 143 daily trips) and by the Phase 3 (Buildout) would be 0.81% (i.e.,2,537 daily trips). The Project will be required to implement a series of TDM measures to mitigate the VMT impacts discussed above. The Project will fully mitigate its Phase 1 and Phase 3 (Buildout) VMT impacts.

Phase 1 – Hospital (419 Beds)

Because of the nature of the land use, and consistent with the City Handbook, the transportation metric for CEQA is a net change in VMT. The VMT analysis shows that the Project's Phase 1 would increase the daily VMT for employees by 47 daily trips from 240,569 to 240,616 (or 0.02%) and for patients/visitors by 96 daily trips from 73,798 to 73,894 (or 0.13%). The total increase in daily VMT caused by Phase 1 would be 143 daily trips from 314,367 to 314,510 (or 0.05%). Since Phase 1 would result in a net increase in daily VMT, a potentially significant impact would occur. Mitigation measures are required to reduce the VMT impact to a less than significant level.

Percent (%) VMT Reductions - Phase 1 – Hospital (419 Beds)

With implementation of the TDM measures for Phase 1 Conditions outlined in Section 4, a potential reduction of 503 employee daily trips will be achieved (which is 456 employee daily trips more than the required mitigation) and a reduction of 96 patients/visitors' daily trips is achieved (which would equal the required mitigation). Therefore, the Project's Phase 1 VMT impact would be reduced to a less than significant level with mitigation incorporated. See Section 4 for further details.

Phase 3 (Buildout) – Hospital (419 Beds) + MOB (200 KSF)

The VMT analysis shows that Phase 3 (Buildout) would increase the daily VMT for employees by 1,611 from 240,569 to 242,180 (or 0.67%) and visitors and patients by 926 from 73,798 to 74,724 (or 1.25%). The total increase in daily VMT caused by the proposed Project would be 2,537 (or 0.81%). Since Phase 3 would result in a net increase in daily VMT, a potentially significant impact would occur. Mitigation measures are required to reduce the VMT impact to a less than significant level.

Percent (%) VMT Reductions – - Phase 3 (Buildout) - Hospital (419 Beds) + MOB (200 KSF)

With implementation of the TDM measures for Phase 3 (Buildout) Conditions outlined in Section 4, a potential reduction of 2,269 employee daily trips will be achieved (which is 658 employee daily trips more than the required mitigation) and a reduction of 562 patients/visitors' daily trips is achieved (which would be 362 patients/visitor's daily trips less than the required mitigation). The overall reduction of 2,537 daily trips required to mitigate the Project's Phase 3 (Buildout) VMT impact is achieved by combining the daily trips reduction for employees and patients/visitors. Therefore, the

Phase 3 (Buildout) VMT impact would be reduced to less than significant level with mitigation incorporated.

Transportation Demand Management (TDM) Plan

The City's 2023 Transportation Analysis Handbook defines a Project's TDM requirement as a TDM Point Target to be met by committing to a package of TDM measures. San José Municipal Code Section 20.90.060 categorizes land uses into four categories: 'Home-End Uses,' 'Commute-End Uses,' 'Visit-End Uses,' and 'Other Uses.'

Phase 1, Phase 2, and Phase 3 (Buildout)) falls under the 'Commute-End Uses' land use category for the jobs generated. The Phase 1 Project which includes the Hospital (419 Beds), satisfies the TDM Point Target with 25 points. The Phase 2 Project which includes the demolition of the existing Hospital, does not satisfy the TDM Point Target with 21 points. To meet the 25-point minimum requirement, the following Phase 2 TDM measures are required;

- [MI01] Provide Bike and Micro-mobility Network Improvements
  - This measure will achieve a potential point value of 2 points
- [MI03] Provide Transit Network Improvements
  - This measure will achieve a potential point value of 1 point
- [MI05] Provide Pedestrian Network Improvements (2 points)
  - This measure will achieve a potential point value of 2 points

However, if the Project reduces the number of parking spaces provided during Phase 2 to a parking ratio of 2.0 or less, then the Project meets the 25-point minimum requirement and TDM measure MI01, MI03, and MI05 would not be required under Phase 2. It should be noted that Phase 3 would still meet the 25-point minimum requirement, even if the above measures are required during Phase 2

The Phase 3 (Buildout) Project which includes the Hospital and Medical Office Building (MOB), satisfies the TDM Point Target with 31 points.

Projects including a TDM plan as a Condition of Approval are required to implement the proposed TDM measures for the life of the Project and fulfill ongoing compliance and monitoring requirements. As per the 2023 Transportation Analysis Handbook, the Project is classified as Level 2 (large Project) and would be subject to annual monitoring. The proposed Project will submit a completed TDM Compliance Form, a completed TDM Monitoring Report, and associated administrative fees to the City Department of Transportation every year.

Proposed Mitigation Plan Measures

The following TDM measures involving improvements related to alternative transportation modes are proposed:

- **Samaritan Drive Road Diet:** A road diet will be implemented with Phase 3 (Buildout), along the Project frontage and beyond along Samaritan Drive from Samaritan Ct. to the intersection of Samaritan Dr/ Samaritan Pl. The road diet will reduce the number of travel lanes from five lanes

(i.e., two lanes in each direction and one central left turn lane) to three lanes (i.e., one lane in each direction and one central left turn lane). The project will be required to provide an on-street Class IV Protected Bike Path along the Project's frontage and non-frontage along Samaritan Drive and along Samaritan Pl.

The proposed improvements involving Road Diet is in line with City's 'Better Bike Plan 2025', which proposes a Class IV Protected Bike Lane in each direction along Samaritan Drive from Los Gatos Blvd. to Union Avenue and a Class III Bike Route along Samaritan Pl. providing connection to the existing pedestrian bridge over SR-85.

Samaritan Drive / Samaritan Place Roundabout: A roundabout at the existing unsignalized intersection of Samaritan Drive. / Samaritan Place. Will also be implemented with Phase 3 (Buildout). The proposed roundabout will tie in with the Road Diet and will have a single lane in each direction. The proposed roundabout will provide the opportunity for existing VTA bus routes to make a U-turn along Samaritan Drive

Local Transportation Analysis

Project Trip Generation

Trip generation for the proposed Project land uses was calculated using trip generation rates from the Institute of Transportation Engineers (ITE) *Trip Generation Manual, 11th Edition*. Per the 2023 *Transportation Analysis Handbook*, trip generation reduction credits were applied to the Project including location-based mode-share and removal of existing driveway counts.

During Phase 1, the Project will increase the number of currently licensed 404 Beds to 413 Beds. For conservative scenario, no credits were taken for the existing hospital demolition. During Phase 2, the Project will demolish the remaining portion existing hospital main building to allow for access to the new hospital and replace it with surface parking (552 spaces). While there will be a redistribution of the trips internally within the site, no additional trips will be added during Phase 2 of the Project. Phase 3 (Buildout) of the Project includes the 419 beds and the addition of a 200,000 square foot MOB.

For a conservative scenario, all 419 beds were assumed to be operational by end of Phase 1. Baseline vehicle trips for Phase 1 Project (excluding trip adjustments) are anticipated to generate a gross total of 9,352 daily trips, 750 AM peak hour trips, and 708 PM peak hour trips. With all applicable trip reductions (location-based adjustment of 9%, VMT reductions, and existing driveway trip credits), the Phase 1 Project is anticipated to generate a total of 3,266 daily trips, 196 AM peak hour trips (165 In / 31 Out), and 197 PM peak hour trips (25 In / 172 Out).

During Phase 3 (Buildout), baseline vehicle trips for the Project (excluding trip adjustments) are anticipated to generate a gross total of 15,724 daily trips, 1,286 AM peak hour trips, and 1,276 PM peak hour vehicle trips. Development of the Project with all applicable trip reductions (location-based adjustment of 9%, VMT reduction, and existing driveway counts) is anticipated to generate a net total of 6,762 additional daily trips, 489 AM peak hour trips (409 In / 80 Out), and 516 PM peak hour trips (95 In / 421 Out) to the roadway network.

Intersection Traffic Operations

Weekday AM and PM peak hour intersection turning movement counts were collected for all study intersections during May 2022, except for study intersection of S. Bascom Avenue. / East Mozart

Avenue., which was collected during November 2022. Traffic conditions for each study intersection was analyzed during the 7:00 – 9:00 AM and 4:00 – 6:00 PM peak hours of traffic which represent the most heavily congested traffic on a typical weekday. The study intersections were assessed under Existing, Background, Background Plus Phase 1 Project, Background Plus Phase 3 (Buildout) Project, Cumulative, Cumulative Plus Phase 3 (Buildout) Project Condition scenarios. The City of San José, the City of Campbell, the Town of Los Gatos, and the Valley Transportation Authority Congestion Management Program intersection level of service standards and significance thresholds were used to determine adverse effects caused by the Project.

Adverse Effects and Improvements

The Project is not anticipated to generate an adverse effect on the study intersections during the Phase 1 and Phase 3 (Buildout) scenarios.

The addition of Phase 3 (Buildout) Project trips increases the capacity of mixed flow lane and HOV lane at two freeway segments which are already operating at LOS F, causing a significant adverse effect. No improvements involving freeway widening to increase vehicle capacity are identified as it is not feasible for the proposed Project to bear the cost of implementing the improvements due to constraints related to right-of-way (ROW) and land acquisition costs.

The Project will implement the following geometric improvements as part of the TDM measures during Phase 3 (Buildout) to mitigate the VMT impact:

- **Samaritan Drive Road Diet:** A road diet will be implemented with Phase 3 (Buildout), along the Project frontage and beyond along Samaritan Drive from Samaritan Ct. to the intersection of Samaritan Dr/ Samaritan Pl. The road diet will reduce the number of travel lanes from five lanes (i.e., two lanes in each direction and one central left turn lane) to three lanes (i.e., one lane in each direction and one central left turn lane). The project will be required to provide an on-street Class IV Protected Bike Path along the Project's frontage and non-frontage along Samaritan Drive and along Samaritan Pl. The proposed improvements involving the Road Diet are in line with City's 'Better Bike Plan 2025', which proposes a Class IV Protected Bike Lane in each direction along Samaritan Drive from Los Gatos Blvd. to Union Avenue and a Class III Bike Route along Samaritan Place. Providing connection to the existing pedestrian bridge over SR-85.

- **Samarian Drive and Samaritan Place Roundabout:** A roundabout at the existing unsignalized intersection of Samaritan Drive / Samaritan Place will also be implemented with Phase 3 (Buildout). The proposed roundabout will tie in with the Road Diet and will have a single lane in each direction. The proposed roundabout will provide the opportunity for existing VTA bus routes to make a U-turn along Samaritan Drive.

The Project will also include off-site right-of-way improvements at the Project site's access points on Samaritan Drive and Samaritan Place. These improvements would include new curb cuts for the proposed driveway access points, as well as rehabilitation of the existing pedestrian sidewalks.

Vehicle Site Access and Circulation

In Phase 1, the Project would keep the existing four driveways and add three new driveways (Driveway 5, Driveway 6, and Driveway 7) along Samaritan Pl. Driveway 5 and Driveway 6 would provide access to Garage East and Driveway 7 would lead to the relocated ambulance entry to the east of Building C**.**

During Phase 2, no additional driveways would be constructed and during Phase 3 (Buildout), Driveway 3 will be relocated to provide better spacing between driveways and access to surface parking.

Per City guidance, all driveways to the Project site are at a minimum of 150 feet from any intersection. All proposed driveways are as per City standards and these driveway locations optimize sight distance and spacing for the proposed site plan. Passenger vehicles, delivery trucks, refuse, and emergency vehicles are able to circulate within the Project site without conflict.

Signal Warrant Analysis

- Under Cumulative Conditions, the intersection of Kingshurst Drive & Samaritan Drive does not meet the Peak Hour Warrant #3 requirements during both AM and PM peak hours. Under Cumulative Plus Phase 3 (Buildout) Project Conditions, the intersection meets the Peak Hour Warrant #3 requirements during both the AM and PM peak hours with the proposed road diet on Samaritan Drive with one vehicle travel lane for both approaches; however, the intersection of Samaritan Ct & Samaritan Drive (Int. # 7) was recently signalized (2022) as part of improvement measures identified in the 'Samaritan Medical Campus Development Plan' transportation analysis report dated May 2016. The Samaritan Ct & Samaritan Dr intersection is approximately 225 feet west of the Kingshurst Dr & Samaritan Dr intersection, and due to this proximity, signalization of the Kingshurst & Samaritan intersection is not recommended.

- The intersection of Samaritan Place & Samaritan Drive does not meet the Peak Hour Warrant #3 requirements under Cumulative Conditions. In addition the intersection does not meet the Peak Hour Warrant #3 under Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours. During the Phase 3 (Buildout) project condition, the Samaritan Pl & Samaritan Dr intersection would be converted into a roundabout.

- The intersection of Bascom Avenue & East Mozart Avenue does not meet the Peak Hour Warrant #3 requirements under Cumulative Conditions. In addition, the intersection does not meet the Peak Hour Warrant #3 under Cumulative Plus Phase 3 (Buildout) Project Conditions, during both AM and PM peak hours.

Pedestrian, Bicycle, and Transit Site Access

The Project will provide on-site pedestrian and bicycle improvements, which include marked crosswalks and short-term/long-term bicycle parking facilities. To mitigate the Project's VMT impact, off-site pedestrian and bicycle improvements along Project frontage and beyond will be implemented during Project Phase 3 (Buildout) Conditions. These improvements include a Road Diet along Samaritan Drive, pedestrian improvements along Samaritan Place, and a roundabout at the intersection of Samaritan Drive / Samaritan Place. The Project improves pedestrian and bicycle connectivity and would not create an adverse effect concerning existing pedestrian and bicycle operations.

The existing bus stop in the westbound direction (between Driveway 1 and Driveway 2) will be improved to accommodate the proposed Road Diet along Samaritan Dr. The improvements to the westbound direction bus stop will include a bus turnout per the VTA standards, a relocated bus shelter in the middle of the bus turnout with floating island transit refuge with bike ramps at grade to existing sidewalk. The City staff prefers the existing bus stop in the westbound direction is relocated east between Driveway 3 and Driveway 4. The final location of the bus stop in the westbound direction will be discussed and finalized in coordination with City and VTA staff during the Plan Development Permits

phase. The eastbound direction bus stop will be retained and green bike marking in driveways and transit conflict zone will be painted. The existing old bus shelters at the eastbound and westbound bus stops will be replaced with VTA's new standard shelters. It is recommended that the existing non-sheltered eastbound bus stop is removed and the existing eastbound bus stop with shelter retained. The proposed Project improves the transit facilities and connectivity and would not create an adverse effect concerning transit operations.

On-Site Vehicle and Bicycle Parking

Based on Section 5: Transportation Demand Management (TDM) Plan of the TA Report, the project is adhering to the current TDM ordinance and achieving the TDM Points Target for Phase 1 and 3.

The number of proposed vehicle and bicycle spaces provided for Phase 1, Phase 2, and Phase 3 are summarized below:

- Phase 1 – 1,205 vehicle spaces and 17 bicycle spaces
- Phase 2 – 1,494 vehicle spaces and 17 bicycle spaces
- Phase 3 – 2,179 vehicle spaces and 52 bicycle spaces

The San José City Council voted unanimously on December 6, 2022, to update its parking ordinance to no longer have minimum parking requirements for development proposals and to favor other modes of transportation. The new ordinance is in effect as of April 10, 2023. However, the proposed amounts of vehicle, bicycle, and motorcycle parking are analyzed against Table 20-190 of the San José Municipal Code (SJMC) in effect when the PD Zoning application was deemed complete in March 2023. Per the City's parking standard, the Project site is anticipated to provide sufficient on-site vehicle and bicycle parking.

Neighborhood Interface

The Project's on-site parking would satisfy the City's vehicle parking standard, and the Project is not anticipated to create an adverse effect concerning the existing parking condition in the surrounding area. The Project is not anticipated to create an adverse effect concerning the existing pedestrian and bicycle facilities in the surrounding area.

10. APPENDIX

Appendix A – VMT Analysis Memo – Hexagon Associates
Appendix B – San José VMT Evaluation Tool for VMT Mitigation and Reduction Strategies
Appendix C – Intersection Turning Movement Counts
Appendix D – Traffix Intersection Operations Analysis – Existing Conditions
Appendix E – Traffix Intersection Operations Analysis – Background Conditions
Appendix F – Traffix Intersection Operations Analysis – Background Plus Project (Phase 1 & 2) Conditions
Appendix G – Traffix Intersection Operations Analysis – Background Plus Project (Phase 3) Conditions
Appendix H – Traffix Intersection Operations Analysis – Cumulative Conditions
Appendix I – Traffix Intersection Operations Analysis – Cumulative Plus Project (Phase 3) Conditions
Appendix J – SIDRA Analysis – Cumulative Plus Project (Phase 3) Conditions - Roundabout
Appendix K – East Mozart Avenue – LOS Results
Appendix L – Kinghurst Avenue, Lost Oaks Avenue, Carlton Avenue, Samaritan Pl, National Avenue – ADT Counts
Appendix M – Conceptual Landscape Plan

Appendix A – VMT Analysis Memo – Hexagon Associates

Hexagon Transportation Consultants, Inc.

Memorandum

Date: December 7, 2023 revised December 19, 2023

To: Frederick Venter, Ali Mustafa

From: At van den Hout

Subject: VMT Analysis Samaritan Hospital Phase 1 and Phase 3 Expansion

Introduction

Hexagon Transportation Consultants, Inc. has completed a vehicle-miles traveled (VMT) analysis for the proposed Samaritan Hospital Expansion. The proposed project is located at 2425 Samaritan Drive in San José, California. Phase 1 (or interim conditions) of the proposed project would increase the number of hospital beds by 15. Phase 3 (or buildout conditions) would add a 200 ksf medical office building to Phase 1of the project. Phase 2 will demolish the remaining portion of the existing hospital main building to allow for access to the new hospital and replace it with surface parking. Phase 2 does not generate additional traffic and no VMT analysis is included for this phase.

The City of San José has adopted the Santa Clara Countywide VMT Evaluation Tool ("VMT tool") to assess a project's potential VMT based on the project's description, location, and attributes. For most residential, office, and industrial projects, the VMT tool is the approved method to calculate Project VMT. For non-residential or non-office projects, very large projects, or projects that can potentially shift travel patterns, such as the proposed hospital expansion, the VMT tool would not be appropriate or adequate for the CEQA transportation analysis. In such cases, the San José Travel Demand Model ("CSJ model") should be used. Hexagon and Kimley-Horn had several meetings with San José staff to establish the methodology to evaluate the VMT impact for this project. It was agreed that the CSJ model would be used to calculate the change in VMT resulting from the proposed hospital expansion, using the methodology described below.

Methodology

The purpose of this analysis of the proposed hospital expansion is to determine if adding these medical services at 2425 Samaritan Drive would reduce or increase VMT. The premise is that the hospital expansion would not cause an *increase* in the number of trips but instead result in a *change* in trip-making because adding hospital beds and a medical office building does not mean that more people will be seeking medical care. Therefore, it is assumed that some employees would leave their jobs at other hospitals and find employment at the hospital expansion. Likewise, patients are assumed to find treatment at the proposed project instead of going to other hospitals in the region, as will such shifts occur by hospital visitors and patients of the new medical office building.

The CSJ model uses employment to estimate trip-making associated with the proposed project. Therefore, the 15 hospital beds and the 200 ksf medical office building were converted to jobs using data contained in the Institute of Transportation Engineers Trip Generation Manual. Based on trip generation estimates of a Hospital [ITE Code 610], 15 hospital beds would generate the same number of trips as 89 hospital employees. Similarly, traffic generation of the 200 ksf medical office [ITE Code 720] is equivalent to traffic generated by 869 medical office jobs. To model the changes in VMT for Phase 1, the 15 additional hospital beds would increase the jobs at 2425 Samaritan Drive by 89. Phase 3 of the project

would also add a 200 ksf medical office to the site, which generates the same number of daily vehicles as 869 medical office workers. Phase 3 would increase the jobs at the site by 89+869=958.

Since it is assumed that the total number of trips would not change, City staff provided five hospitals with medical office facilities in Santa Clara County from which jobs should be shifted to the proposed project site:

- Kaiser Permanente Medical Offices (TAZ 926)
- Santa Clara Valley Medical Center (TAZs 795, 3033, and 3034)
- O'Connor Hospital (TAZ 775)
- Kaiser Permanente Santa Clara (TAZ 95)
- El Camino Health Los Gatos Hospital (TAZ 7)

Phase 1 VMT Analysis

Hospital trips are estimated in the model using service employment as the trip generator. For the VMT analysis of Phase 1, the 89 service jobs reflecting the hospital expansion were added to the project TAZ 623 and removed from the TAZs where the five hospitals are located, directly proportional to their size and inversely proportional to the distance squared from the project site. Table 1 presents the calculations of the shifts in service jobs between the TAZs.

Table 1
Service Employment Reduction [89 Jobs] At Other Hospitals

TAZ	Distance to TAZ 623 (mls)	1 Distance^2	Normalized [A]	No Project Service Employment	Normalized [B]	Factor [A]*[B]	Normalized [C]	Service Employment Reduction [C]*89
7	3.95	0.06	0.34	1,317	0.18	0.06	0.37	-33
95	9.29	0.01	0.06	212	0.03	0.00	0.01	-1
775	8.03	0.02	0.08	1,154	0.16	0.01	0.08	-7
795	5.93	0.03	0.15	551	0.08	0.01	0.07	-6
926	8.62	0.01	0.07	116	0.02	0.00	0.01	-1
3033	5.88	0.03	0.15	69	0.01	0.00	0.01	-1
3034	5.92	0.03	0.15	3,741	0.52	0.08	0.46	-41

The CSJ model was run without (No Project scenario) and with (Project Phase 1 scenario) these employment shifts. Daily work VMT for the employees, with and without the project, was calculated for the hospital personnel. Trips made by hospital visitors are reflected in the model as "other" trips. Daily VMT for those trips for both scenarios was calculated for the other (non-work) trips. These data are presented in Table 2.

Table 2
No Project and Phase 1 Project VMT Characteristics and Estimates

VMT Characteristics	No Project	Project	Project - No Project	
			Absolute Change	Percent Change
Daily Work (Employees) VMT	240,569	240,616	47	0.02%
Daily Other (Patients and Visitors) VMT	73,798	73,894	96	0.13%
Total Daily VMT	314,367	314,510	143	0.05%
Number of Jobs	15,567	15,567	0	0.00%
Daily Work VMT/Job	15.45	15.46	0.01	0.02%
Daily Other VMT/Job	4.74	4.75	0.01	0.13%
Daily VMT/Job	20.19	20.20	0.01	0.05%

The VMT analysis shows that Phase 1 of the proposed project would increase the daily VMT for employees by 47 (or 0.02%) and visitors by 96 (or 0.13%). The total increase in daily VMT caused by Phase 1 of the proposed project would be 143 (or 0.05%). The daily VMT/job would increase by 0.01, from 20.19 in the No Project scenario to 20.20 with Phase 1 of the proposed project. *Note that the VMT/Job numbers in Table 2 are rounded to the nearest two decimal places.* The threshold of significance is 'no net change' in VMT and since Phase 1 of the proposed project will result in net change in VMT, mitigation measures will be required to reduce the VMT impact.

Phase 3 VMT Analysis

Hospital and medical office trips are estimated in the model using service employment as the trip generator. The 958 service jobs reflecting the hospital (bed) expansion and the added medical office building were added to project TAZ 623 and removed from the TAZs where the five hospitals and medical office buildings are located, directly proportional to their size and inversely proportional to the distance squared from the project site. Table 3 presents the calculations of the shifts in service jobs between the TAZs.

Table 3
Service Employment Reduction [958 Jobs] At Other Hospitals and Medical Office Buildings

TAZ	Distance to TAZ 623 (mls)	$\frac{1}{\text{Distance}^2}$	Normalized [A]	No Project Service Employment	Normalized [B]	Factor [A]*[B]	Normalized [C]	Service Employment Reduction [C]*958
7	3.95	0.06	0.34	1,317	0.18	0.06	0.37	-350
95	9.29	0.01	0.06	212	0.03	0.00	0.01	-10
775	8.03	0.02	0.08	1,154	0.16	0.01	0.08	-74
795	5.93	0.03	0.15	551	0.08	0.01	0.07	-65
926	8.62	0.01	0.07	116	0.02	0.00	0.01	-6
3033	5.88	0.03	0.15	69	0.01	0.00	0.01	-8
3034	5.92	0.03	0.15	3,741	0.52	0.08	0.46	-443

The CSJ model was run without (No Project scenario) and with (Phase 3 Project scenario) these employment shifts. Daily work VMT for the employees, with and without the project, was calculated for the hospital and medical office personnel. Trips made by hospital visitors and patients of the medical offices are reflected in the model as "other" trips. Daily VMT for those trips for both scenarios was calculated for the other (non-work) trips. These data are presented in Table 4.

Table 4
No Project and Phase 3 Project VMT Characteristics and Estimates

VMT Characteristics	No Project	Project	Project - No Project	
			Absolute Change	Percent Change
Daily Work (Employees) VMT	240,569	242,180	1,611	0.67%
Daily Other (Patients and Visitors) VMT	73,798	74,724	926	1.25%
Total Daily VMT	314,367	316,904	2,537	0.81%
Number of Jobs	15,567	15,567	0	0.00%
Daily Work VMT/Job	15.45	15.56	0.10	0.67%
Daily Other VMT/Job	4.74	4.80	0.06	1.25%
Daily VMT/Job	20.19	20.36	0.16	0.81%

The VMT analysis shows that the Phase 3 of the proposed project would increase the daily VMT for employees by 1,611 (or 0.67%) and visitors and patients by 926 (or 1.25%). The total increase in daily VMT caused by the proposed project would be 2,537 (or 0.81%). The daily VMT/job would increase by 0.16, from 20.19 in the No Project scenario to 20.36 with the Phase 3 of the proposed project. *Note that the VMT/Job numbers in Table 2 are rounded to the nearest two decimal places.* The threshold of significance is 'no net change' in VMT and since Phase 3 of the proposed project will result in net change in VMT, mitigation measures will be required to reduce the VMT impact.

Appendix B – San José VMT Evaluation Tool for VMT Mitigation and Reduction Strategies

CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Phase 1-Good Samaritan Hospital Expansion
Location: 2425 Samaritan Dr., San Jose, CA 95124
Parcel: 42136009 Parcel Type: Urban Low Transit
Proposed Parking Spaces Vehicles: 1,494 Bicycles: 17

Tool Version: 2/29/2019
Date: 5/9/2024

LAND USE:

Residential:	
Single Family	0 DU
Multi Family	0 DU
Subtotal	0 DU
Office:	391.9 KSF
Retail:	0 KSF
Industrial:	0 KSF

Percent of All Residential Units

Extremely Low Income (≤ 30% MFI)	0 % Affordable
Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 5
- With Project Density (DU/Residential Acres in half-mile buffer) 5

Increase Development Diversity
- Existing Activity Mix Index 0.64
- With Project Activity Mix Index 0.61

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 62
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 78

Tier 2 - Multimodal Infrastructure

Traffic Calming Measures *(In Coordination with SJ)*
- Are improvements provided beyond the development frontage? . . . . . No

Pedestrian Network Improvements *(In Coordination with SJ)*
- Are pedestrian improvements provided beyond the development frontage? . . . . . No

Tier 3 - Parking

Limit Parking Supply
- Minimum Parking Required by Municipal Code . . . . . 1567 spaces
- Total Parking Spaces Available to Employees . . . . . 1494 spaces
- Does the surrounding street parking have RPP, meters, or time limits? . . . . . Yes

Tier 4 - TDM Programs

Commute Trip Reduction Marketing/ Education
- Percent of Eligible Employees . . . . . 50 %

Telecommuting and Alternative Work Schedule Program

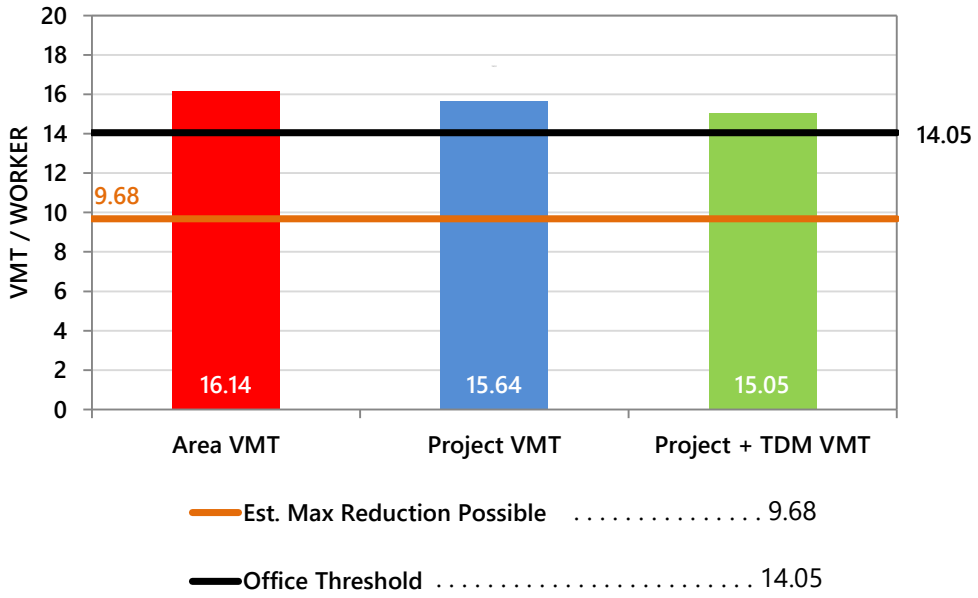
Alternative Work Schedule	4/40 Schedule
Percent of Eligible Eemployees	5 %

Ride-Sharing Programs

Percent of Eligible Eemployees	2 %

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT above the City's threshold and per industrial worker VMT below the City's threshold. There are selected strategies that require coordination with the City of San Jose to implement.



PROJECT CHARACTERISTICS

PC_001: Increase Development Density

Result

% VMT Reduction: 0.0%

Formula

$$\frac{VMT}{Hh} = 16476 \left(\frac{9.548 + \frac{Hh}{RA}}{9.548 + 9.884} \right)^{-0.817}$$

Source

[1] Holtzclaw, et al. 2002. "Location Efficiency: Neighborhood and Socioeconomic Characteristics Determine Auto Ownership and Use – Studies in San Francisco, Los Angeles, and Chicago." Transportation Planning and Technology, Vol. 25, pp. 1–27.

Constants

external coefficient	*16476*	*research finding*
numerator constant	*9.548*	*research finding*
denominator constant 1	*9.548*	*research finding*
denominator constant 2	*9.884*	*research finding*
exponent	*-0.817*	*research finding*

Variables

	Parcel	*42136009*	*user input*
	# of Project residential units	*0*	*user input*
HH	*# of buffer residential units*	*1675*	*2015.LU.PARCEL.HALFMILE.BUFFER*
RESACRE	*Buffer residential acres*	*321*	*2015.LU.PARCEL.HALFMILE.BUFFER*
	Existing buffer Hh/RA	*5.2*	
	With Project buffer Hh/RA	*5.2*	
	calculated HH VMT without Project	*20620*	*calculation*
	calculated HH VMT with Project	*20620*	*calculation*

Calculation

0.0%



PC_002: Increase Diversity of Urban and Suburban Developments (Residential)

Result	% VMT Reduction	0.0%	
Formula	*% Change in VMT per capita= -elasticity* % Change in activity mix index*		
Source	Salon, Deborah. "Quantifying the effect of local government actions on VMT." California Air Resources Board and the California Environmental Protection Agency. September 2013.		
Constants	*elasticity*	*0*	*research finding and place type*
Variables	*Parcel*	*42136009*	*user input*
AGEMP	*Buffer AGEMP (EMP)*	*6*	*2015.LU.PARCEL.HALFMILE.BUFFER*
MANEMP	*Buffer MANEMP (EMP)*	*331*	*2015.LU.PARCEL.HALFMILE.BUFFER*
WHOEMP	*Buffer WHOEMP (EMP)*	*63*	*2015.LU.PARCEL.HALFMILE.BUFFER*
HHPOP	*Buffer HHPOP (Residents)*	*4000*	*2015.LU.PARCEL.HALFMILE.BUFFER*
RETEMP	*Buffer RETEMP (EMP)*	*108*	*2015.LU.PARCEL.HALFMILE.BUFFER*
SEREMP	*Buffer SEREMP (EMP)*	*4212*	*2015.LU.PARCEL.HALFMILE.BUFFER*
OTHEMP	*Buffer OTHEMP (EMP)*	*311*	*2015.LU.PARCEL.HALFMILE.BUFFER*
Industrial	*Buffer Ag+Man+Who Employment*	*400*	*calculation*
	Buffer Total People	*9031*	*calculation*
	*Resi/Total*ln(Resi/Total)*	*-0.36*	*ln helper calculation*
	*Retail/Total*ln(Retail/Total)*	*-0.05*	*ln helper calculation*
	*Office/Total*ln(Office/Total)*	*-0.36*	*ln helper calculation*
	*Other/Total*ln(Other/Total)*	*-0.12*	*ln helper calculation*
	*Industrial/Total*ln(Industrial/Total)*	*-0.14*	*ln helper calculation*
	N (number of non-zero land use types)	*5*	*N*
	Buffer Activity Index/Entropy	*0.636*	*for parcel buffer without project*
	Project SFHH (DU)	*0*	*user input*

	Project MFHH (DU)	*0*	*user input*
	Project RETEMP (KSF)	*0*	*user input*
	Project Office (KSF)	*392*	*user input*
	Project Other (KSF)	*0*	*hard-coded zero*
	Project Industrial (KSF)	*0*	*user input*
SFHH	*Project SFHH (Residents)*	*0*	*calculation based on density assumption*
MFHH	*Project MFHH (Residents)*	*0*	*calculation based on density assumption*
RETEMP	*Project RETEMP (Emp)*	*0*	*calculation based on density assumption*
SEREMP	*Project Office (Emp)*	*1306*	*calculation based on density assumption*
OTHEMP	*Project OTHEMP (Emp)*	*0*	*calculation based on density assumption*
INDEMP	*Project Industrial (Emp)*	*0*	*calculation based on density assumption*
	Project Total People	*1306*	
	Buffer+Project HHPOP (Residents)	*4000*	
	Buffer+Project RETEMP (EMP)	*108*	
	Buffer+Project SEREMP (EMP)	*5518*	
	Buffer+Project OTHEMP (EMP)	*311*	
	Buffer+Project Ag+Man+Who Employment	*400*	
	Buffer+Project Total People	*10337*	
	*Resi/Total*ln(Resi/Total)*	*-0.37*	*ln helper calculation*
	*Retail/Total*ln(Retail/Total)*	*-0.05*	*ln helper calculation*
	*Office/Total*ln(Office/Total)*	*-0.34*	*ln helper calculation*
	*Other/Total*ln(Other/Total)*	*-0.11*	*ln helper calculation*
	*Industrial/Total*ln(Industrial/Total)*	*-0.13*	*ln helper calculation*
	N (number of non-zero land use types)	*5*	*N*
	Buffer Activity Index/Entropy	*0.610*	*for parcel buffer with project*
	% change in Land Use Entropy	*-0.041*	
	%change in VMT per capita	*0.000*	
Calculation		0.0%	

PC_003: Integrate Affordable and Below Market Rate Housing

Result	% VMT Reduction	0.0%	
Formula	*Add reductions based on income levels below* *Extremely Low Income (Household earns ≤ 30% MFI) -32.5%* *Very Low Income (Household earns > 30% MFI, ≤ 50% MFI) -25.2%* *Low Income (Household earns > 50% MFI, ≤ 80% MFI) -10.2%*		
Source	Newmark, G. Haas, P. Income, Location Efficiency, and VMT: Affordable Housing as a Climate Strategy. The California Housing Partnership. December 2015.		
Constants	*VMT reduction for extremely low income (≤ 30% MFI)*	*-32.5%*	*research finding*
Constants	*Very Low Income (> 30% MFI, ≤ 50% MFI)*	*-25.2%*	*research finding*
Constants	*Low Income (> 50% MFI, ≤ 80% MFI)*	*-10.2%*	*research finding*
Variables	*% units that are extremely low income*	*0%*	*user input*
	% units that are extremely low income	*0%*	*user input*
	% units that are extremely low income	*0%*	*user input*
	total number of residential units	*0*	*check for residential component*
	% VMT reduction	*0.0%*	
Calculation	0.0%		



PC_004: Increase Employment Density

Result	% VMT Reduction	0.8%	
Formula	*% VMT Reduction = -0.03* % change in employment density*		
Source	Zhou, B. and K. M. Kockelman (2008). Self-selection in home choice: use of treatment effects in evaluating relationship between built environment and travel behavior. Transportation Research Record: Journal of the Transportation Research Board, 2077(1): 54-61. via Boarnet, Circella and Handy, Susan. 2014. "Impacts of Employment Density on Passenger Vehicle Use and Greenhouse Gas Emissions"		
Constants	*elasticity*	*-0.03*	*research finding*
Variables	*Parcel*	*42136009*	*user input*
TEMP	*Buffer total # of employees*	*5031*	*2015.LU.PARCEL.HALFMILE.BUFFER*
CIACRE	*Buffer commercial acres*	*81*	*2015.LU.PARCEL.HALFMILE.BUFFER*
	Existing buffer employment density	*62*	*calculation*
	Project Office KSF	*391.9*	*user input*
	Project Retail KSF	*0.0*	*user input*
	Project Industrial KSF	*0.0*	*user input*
SEREMP	*Project Office Employees*	*1306*	*calculation*
RETEMP	*Project Retail Employees*	*0*	*calculation*
INDEMP	*Project Industrial Employees*	*0*	*calculation*
	Total Project Employees	*1306*	*calculation*
	With Project buffer employment density	*78*	*calculation*
	% increase in employment density	*26%*	*calculation*
	neghborhood type eligibility	*1*	*neighborhood type lookup*
	%VMT reduction	*-0.8%*	
Calculation	-0.8%		



PC_005: Increase Diversity of Urban and Suburban Developments (Employment) - This is the employment component of PC_002

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = -elasticity* % Change in activity mix index*		
Source	Salon, Deborah. "Quantifying the effect of local government actions on VMT." California Air Resources Board and the California Environmental Protection Agency. September 2013.		
Constants	*elasticity*	*0*	*research finding and place type*
Variables	*% change in Activity Mix Index*	*-0.04*	*calculation*
	%VMT reduction	*0.0%*	
Calculation	0.0%		



MULTIMODAL INFRASTRUCTURE

MI_001: Expand the reach of Bike Access with Investment in Infrastructure

Result	% VMT Reduction	0.00%	
Formula	*% change in bike mode share = -0.037 * % change in distance to cycling infrastructure. This provides the mode shift from drive to bike. We discount the VMT reduction by applying the ratio of average bike trip lengths to the average drive trip lengths.*		
Source	Seyed H. Zahabi, Annie Chang, Luis F. Miranda-Moreno, Zachary Patterson. Exploring the link between the neighborhood typologies, bicycle infrastructure and commuting cycling over time and the potential impact on commuter GHG emissions. Transportation Research Part D: Transport and Environment Volume 47, August 2016, Pages 89–103		
Constants	*elasticity*	*-0.371*	*based on research and place type*
	average trip length (auto)	*9.05*	*CHTS data for CSJ*
	average trip length (bike)	*2.60*	*CHTS data for CSJ*
	maximum distance of bike facility for measure to take effect (feet)	*1760*	*CHTS data for CSJ*
Variables	*Parcel*	*42136009*	*user input*
	has a number been entered in existing distance to cycling infrastructure?	*TRUE*	*user input*
	has a number been entered in existing distance to cycling infrastructure with project?	*TRUE*	*user input*
	distance to cycling infrastructure (ft)	*100*	*user input*
	distance to cycling infrastructure with Project (ft)	*80*	*user input*
	are both fields numbers; is the with project distance less than no project; is the distance with project less than the max distance?	*TRUE*	*logic checks - TRUE if logic is met*
	% change in distance to cycling infrastructure	*-20%*	*calculation*
	% change in bike mode share	*7.4%*	*calculation*
	bike mode share for buffer	*1.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	shift in bike mode share	*0.08%*	*calculation*
	vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
		-0.02%	*calculation*
Calculation		-0.02%	

MI_002: Improving Network Connectivity/Design to Make Destinations and Low-Carbon Travel Modes Accessible

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction =-0.12 * % increase of intersection density*		
Source	Ewing, R., and Cervero, R., "Travel and the Built Environment - A Meta-Analysis." Journal of the American Planning Association, <to be published> (2010). Table 3.		
Constants	*elasticity*	*-0.12*	*based on research and place type*
Variables	*Intersection Density (int/sqmi)*	*0*	*user input*
	Intersection Density with Project (int/sqmi)	*0*	*user input*
	% change in intersection density	*0%*	*calculation*
	decrease in VMT	*0.0%*	
Calculation	0.0%		

MI_003: Increase Transit Accessibility to Establish Seamless Last-Mile Transit Connections

Result	% VMT Reduction	0.0%	
Formula	*%change in VMT = -0.08 * % change in distance to nearest transit stop*		
Source	Bento, A.M., Cropper, M.L., Mobarak, A.M., and Vinha, K. (2003). The impact of urban spatial structure on travel demand in the United States. World Bank policy research working paper, 3007.		
Constants	*elasticity*	*-0.08*	*research finding*
Variables	*has a number been entered in existing distance to transit stop?*	*TRUE*	*user input*
	has a number been entered in existing distance to transit stop with project?	*TRUE*	*user input*
	distance to nearest transit stop	*100*	*user input*
	distance to nearest transit stop with Project	*80*	*user input*
	are both fields numbers, and is the with project distance less than no project?	*TRUE*	*logic checks - TRUE if logic is met*
	% change in distance	*-20%*	*calculation*
	decrease in VMT	*-1.6%*	*calculation*
Calculation		-1.6%	

MI_004: Provide Neighborhood Traffic Calming Measures

Result	% VMT Reduction	0.0%	
Formula	*% reduction in VMT = rate based on placetype*		
Source	Cambridge Systematics, Inc. "Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissiones" (2009) Table 3.1		
Constants			
Variables	*VMT reduction based on place type*	*-2.0%*	*research finding and neighborhood type*
	Implementation meets standards?	*FALSE*	*user input*
	% VMT reduction	*0.0%*	
Calculation	0.0%		

MI_005: Provide Pedestrian Network Improvements to Create Seamless, Comfortable Access for Active Transportation Modes

Result	% VMT Reduction	0.0%	
Formula	*% reduction in VMT = rate based on placetype*		
Source	Cambridge Systematics, Inc. "Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissiones" (2009) Table 3.1		
Constants			
Variables	*VMT reduction based on place type*	*-2.0%*	*research finding and neighborhood type*
	Implementation meets standards?	*FALSE*	*user input*
	% VMT reduction	*0.0%*	
Calculation	0.0%		

PARKING

PK_001: Limit Parking Supply

Result	% VMT Reduction	2.3%	
Formula	*Trip reduction = % Reduction of parking supply from Minimum Required by Municipal Code * 0.5*		
Source	Nelson\Nygaard, 2005. Crediting Low-Traffic Developments (p. 16) http://www.montgomeryplanning.org/transportation/documents/TripGenerationAnalysisUsingURBEMIS.pdf		
Constants	*hard coded, empirical*	*0.50*	*research finding*
Variables	*SFHH*	*0*	*hard-coded to zero, as measure does not take into account residential parking*
	MFHH	*0*	*hard-coded to zero, as measure does not take into account residential parking*
	Retail SF	*0*	*user input*
	Office SF	*391.86*	*user input*
	Industrial SF	*0*	*user input*
	ITE Parking Rate for SFHH	*2*	*ITE parking generation - for reference only*
	ITE Parking Rate for MFHH	*1.4*	*ITE parking generation - for reference only*
	ITE Parking Rate for Retail	*4.7*	*ITE parking generation - for reference only*
	ITE Parking Rate for Office	*4*	*ITE parking generation - for reference only*
	ITE Parking Rate for Industrial	*1.6*	*ITE parking generation - for reference only*
	Minimum Parking Requirement by Municipal Code	*1567*	*calculation*
	has a number been entered into theParking Available to Employees and City's Code?	*TRUE*	*check for blank vs zero*
	Project providing less than the minimum required by Municipal Code?	*TRUE*	*calculation*
	Limited street parking in area?	*Yes*	*user input*
	Proceed with reduction?	*TRUE*	*logic check*
	Parking Provision for Project for Employees	*1494*	*user input*
	% reduction from Minimum Required by Municipal Code	*-4.7%*	*calculation*
	high end of reasonable reduction from Municipal Code levels	*-25.0%*	*CAPCOA gated maximum*
	gated reductions from Municipal Code levels	*-4.7%*	
	% trip reduction	*-2.3%*	
Calculation	-2.3%		

PK_002: Provide End of Trip Bike Facility

Result	% VMT Reduction	0.0%	
Formula	*% VMT reduction = bike mode share * level-of-facility-multiplier, then discounted to take into account that bike trip lengths are shorter than drive trip lengths*		
Source	Buehler, R. (2012). Determinants of bicycle commuting in the Washington, DC region: The role of bicycle parking, cyclist showers, and free car parking at work. Transportation Research Part D, 17, 525-531.		
Constants	*bicycle mode multiplier - parking only*	*1.78*	*research finding*
	bicycle mode multiplier - parking plus additional end-of-trip facilities	*4.86*	*research finding*
	average trip length (auto)	*9.05*	*CHTS data for CSJ*
	average trip length (bike)	*2.60*	*CHTS data for CSJ*
Variables	*bicycle parking spaces provided by project*	*17*	*user input*
	provides additional facilities?	*0*	*user input*
	pick multiplier based on level of intervention	*1.78*	*calculation*
	bicycle mode share for buffer	*1.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	adjusted odds of bike for project	*1.8%*	*calculation*
	new bicycle mode share with strategy	*1.8%*	*calculation*
	change in bicycle mode share	*0.8%*	*calculation*
	vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	% trip reduction	*-0.2%*	
Calculation		-0.2%	

TDM PROGRAMS

TP_001: School Pool Program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = 8.3% * % of households expected to participate*		
Source	2012 California Household Travel Survey: 2.3% of home-based VMT generated by home-based K-12 school trips. & American Community Survey (ACS 2017) - 27.85% of households with K-12 kids.		
Constants	*% of all residential VMT that is school related for households with K-12 kids*	*-8.3%*	*elasticities*
	family participation rate	*0%*	*user input*
Variables	*VMT reduction*	*0.0%*	
Calculation	0.0%		

TP_002: Implement Bike Sharing Program (INACTIVE)

Result

% VMT Reduction: 0.0%

FALSE

Formula

6% conversion of vehicle trips to bicycle trips. We discount the VMT reduction by applying the ratio of average bike trip lengths to the average drive trip lengths.

Source

Noland, R.B., Ishaque, M.M., 2006. Smart bicycles in an urban area: Evaluation of a pilot scheme in London. J. Public Transp. 9 (5), 71–95.

Constants

% change in bike trips	*0.06*	*percent*
average trip length (auto)	*9.05*	*CHTS data for CSJ*
average trip length (bike)	*2.60*	*CHTS data for CSJ*

Variables

Parcel	*42136009*	*user input*
vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
VMT reduction	*-1.8%*	*calculation*

Calculation

-1.8%

TP_003: Implement Car Sharing Program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = 32.8% * % Expected participation * % Eligible residents / employees*		
Source	Cervero, R., Golub, A., & Nee, B. (2007). City CarShare: Longer-term travel demand and car ownership impacts. Transportation Research Record 1992, 70-80. UCLA 2011 State of the Commute Report Zhou, J. Carsharing on university campus: Subsidies, commuter benefits, and their impacts on carsharing. (2014)		
Constants	*% household VMT reduction by member*	*32.8%*	*research finding*
	% expected to participate	*2%*	
Variables	*% eligible residents/employees*	*0%*	*user input*
	VMT reduction	*0.00%*	*calculation*
Calculation		0.0%	

TP_004: Implement Commute Trip Reduction Marketing/Education

Result

% VMT Reduction: 2.0%

Formula

*% Commute VMT Reduction = % reduction in commute vehicle trips (4%) * % participant employees * Adjustment from commute VT to commute VMT (1.0)*

Source

Pratt, Dick. Personal communication regarding the Draft of TCRP 95 Traveler Response to Transportation System Changes – Chapter 19 Employer and Institutional TDM Strategies. Transit Cooperative Research Program.

Constants

reduction of commute vehicle trips	*4.0%*	*research finding*
adjustment from commute VT to commute VMT	*1.00*	*research finding*

Variables

% expected to participate	*0.50*	*user input*
VMT reduction	*2.0%*	*calculation*

Calculation

-2.0%

TP_005: Implement Commute Trip Reduction Program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = % reduction in commute VMT * % expected to participate*		
Source	Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13, Table D.3) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendices_Complete_102209.pdf		
Constants	*reduction of commute vehicle trips*	*5.2%*	*based on research and place type*
Variables	*% expected to participate*	*0.00*	*user input*
	VMT reduction	*0.00%*	*calculation*
Calculation	0.0%		

TP_006: Implement Employee Parking "Cash-Out" (On Site Parking)

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = % reduction in commute VMT * % of employees eligible*		
Source	Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13, Table D.3) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendices_Complete_102209.pdf		
Constants	*reduction of commute vehicle trips*	*3.7%*	*based on research and place type*
Variables	*% employees eligible*	*0.00*	*user input*
	VMT reduction	*0.00%*	*calculation*
Calculation	0.0%		

TP_007: Implement Subsidized or Discounted Transit Program

Result

% VMT Reduction: 0.0%

Formula

*% VMT Reduction =(% Vehicle Share / (1 - % Transit Share)) * (0.43 * % fare subsidy * % Transit Share)*

Source

Handy, Lovejoy, Boarnet, Spears. 2013. "Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions."
http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf

Constants

elasticity	*0.00*	*research finding*

Variables

% subsidy of transit fare	*0%*	*user input*
transit mode share for buffer	*2.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
VMT reduction	*0.0%*	*calculation*

Calculation

0.0%

TP_008: Implement Telecommuting and Alternative Work Schedules

Result	% VMT Reduction	0.8%	
Formula	*% Commute VMT Reduction = reduction based on type of alternative schedule * percent of participating employees*		
Source	Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendix%20B_Effectiveness_102209.pdf		
Constants			
Variables	*% employees eligible*	*0.05*	*user input*
	Telecommute 1.5 days per week	*0.22*	*research finding*
	4/40 Schedule	*0.15*	*research finding*
	9/80 Schedule	*0.07*	*research finding*
	User selected option	*4/40 Schedule*	*user input*
	reduction to be used	*15.0%*	*see reference tab*
	VMT reduction	*0.8%*	*see reference tab*
Calculation		-0.8%	

TP_009: Operate a Free Long-distance Door-to-Door Transit Fleet

Result	% VMT Reduction	0.0%	
Formula	*% Commute VMT Reduction = 47% * percent of participating employees*		
Source	SFMTA Municipal Transportation Agency. Commuter Shuttle Pilot Program. Evaluation Report 2015		
Constants	*reduction of commute vehicle trips*	*47%*	*research finding*
Variables	*% employees participating*	*0.00*	*user input*
	VMT reduction	*0.0%*	*calculation*
Calculation	0.0%		

TP_010: Price Workplace Parking (On Site Parking)

Result

% VMT Reduction: 0.0%

Formula

*% VMT Reduction = Percentage reduction in commute VMT * Percent of employees subject to priced parking*

Source

Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13, Table D.3)
http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendices_Complete_102209.pdf

Constants

Variables

daily parking fee	*$0.00*	*user input*
reduction of commute vehicle trips	*0.0%*	*research finding*
% employees eligible	*0.00*	*user input*
VMT reduction	*0.00%*	*calculation*

Calculation

0.0%

TP_011: Provide employees commuter benefits to encourage the use of alternative transportation (INACTIVE)

Result	% VMT Reduction	0.0%	User Selected?
		TP_011	FALSE
Formula	*% VMT Reduction = Percentage reduction in commute VMT * Percent of employees subject to priced parking* *Currently not included in tool due to overlap with TP_005*		
Source	VTPI, Todd Litman, Transportation Elasticities, http://www.vtpi.org/elasticities.pdf.		
Constants	*reduction of commute vehicle trips*	*44.0%*	*research finding*
Variables	*number of eligible employees*	*0*	*user input*
	total number of employees	*1*	*should be Interface!B97, coded as dummy*
	% employees eligible	*0%*	*calculation*
	VMT reduction	*0.00%*	*calculation*
Calculation	0.0%		

TP_012: Provide Neighborhood schools (rather than regional or non-geographic attendance)

Result

% VMT Reduction	0.0%

Formula

*% VMT Reduction = 77.7% * 2.3% * % of household with school aged children living in project*

Source

Wilson, Elizabeth J., Ryan Wilson, and Kevin J. Krizek. "The implications of school choice on travel behavior and environmental emissions." Transportation Research Part D: Transport and Environment 12.7 (2007): 506-518.

Constants

VMT reduction for home-based school	*77.7%*	*research finding*
% of HB VMT made up by school trips	*2.3%*	*CHTS data*

Variables

School type	*0*	*user input*
Number of families with school-aged children	*0*	*user input*
total HH in project	*0*	*user input - update with GUI*
apply reduction?	*FALSE*	
%VMT reduction	*0.0%*	

Calculation

0.0%

TP_013: Provide Ride-Sharing Programs

Result	% VMT Reduction	1.1%	
Formula	*% VMT Reduction = 54.5% * % expected to participate* *Average occupancy: 2.2 people per car*		
Source	United States Environmental Protection Agency. Implementing Commuter Benefits as One of the Nation's Best Workplaces for Commuters. November 2005.		
Constants			
Variables	*% VMT reduction*	*54.5%*	*based on research and place type*
	% expected to participate	*2.0%*	*user input*
	VMT reduction	*1.09%*	*calculation*
Calculation		-1.1%	

TP_014: Subsidize transit service expansion through fees or contributions for public transit service upgrades

Result

% VMT Reduction: 0.0%

Formula

*% VMT Reduction = 0.5 * 0.67 * % change in frequency * Route Contribution Proxy * existing transit mode share*

Route Contribution Proxy = 50% (when less than 50% of the routes are improved);
85% (when more than or equal to 50% of the routes are improved)

Source

Handy, Susan et al. 2013. Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions. California Air Resources Board and the California Environmental Protection Agency.
&
California Air Pollution Control Officers Association (CAPCOA). 2010. Quantifying Greenhouse Gas Mitigation Measures: A Resource for Local Government to Assess Emission Reductions from Greenhous Gas Mitigation Measures.

Constants

Frequency elasticity	*-0.5*	*elasticities*
adjustment from transit mode share to VMT	*0.67*	*elasticities*

Variables

change in frequency	*0%*	*user input*
percent of routes serving the project will be affected	*0%*	*user input*
route contribution proxy	*50.0%*	*based on research and place type*
existing transit mode share	*2.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
%VMT reduction	*0.00%*	

Calculation

0.0%

TP_015: Targeted Behaviorial Intervention (INACTIVE)

Result	% VMT Reduction	0.0%	User Selected?
	TP_015		FALSE
Formula	*% reduction in VMT =30% * percent students participating/eligible*		
	Measure is currently not included.		
Source	Brown, Anne, et all. "The Right Time and Place to Change Travel Behavior: An Experimental Study." (2016)		
Constants	*hard coded, empirical*	*0.30*	*elasticities*
Variables	*percent students participating/eligble*	*75%*	*user input*
	(from INTERFACE TAB)	*22.5%*	*calculation*
Calculation		-22.5%	

TP_016: Unbundle Parking Costs from Property Cost (On Site Parking)

Result

% VMT Reduction: 0.0%

Formula

*% Reduction in VMT = Change in vehicle cost * elasticity * A*

Where:

Change in vehicle cost = monthly parking cost / ($4,000 / 12), with $4,000 representing the annual vehicle cost per VTPI. This has been updated to $8,849, which is expressed in 2018 dollars.

A = Adjustment from Vehicle Ownership to VMT = 0.85 (taken from CAPCOA)

Source

Victoria Transport Policy Institute, Parking Requirement Impacts on Housing Affordability; http://www.vtpi.org/park-hou.pdf; January 2009; accessed March 2010. (Annual/monthly parking fees estimated by VTPI in 2009) (p. 8, Table 3)
&
American Automobile Association. Your Driving Costs. (https://newsroom.aaa.com/auto/your-driving-costs/) Accessed October 2018.

Constants

A (adjustment from Vehicle Ownership to VMT)	*0.85*	*adjustment factor*
elasticity	*-0.40*	*elasticities*
annual vehicle cost	*$8,849*	*constant*

Variables

free parking?	*0*	*user input*
monthly parking cost	*$0*	*user input*
monthly vehicle cost	*$737.42*	*calculation*
monthly vehicle cost with parking	*$737*	*calculation*
change in vehicle cost	*0%*	*calculation*
% reduction in VMT	0.0%	

Calculation

0.0%

TP_017: Vanpool Incentives

Result

% VMT Reduction: 0.0%

Formula

*%VMT Reduction = elasticity * reduction of vanpool price * 83.3% * % Expected participants*
where:
Average Occupancy: 5.6 people per van

Source

VTPI. TDM Encyclopedia. http://www.vtpi.org/tdm/tdm34.htm;
&
Fare Pricing Elasticity, Subsidies and the Demand for Vanpool Services, Concas, Winters and Wambalaba (2005)
&
Way to Go, 2015 Annual Report

Constants

elasticity	*-0.73*	*elasticities*
Average Occupancy	*5.6*	*constant*
vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*

Variables

reduction of vanpool price	*0.00*	*user input*
% expected to participate	*0.00*	*user input*
% reduction in VMT	*0.0%*	

Calculation

0.0%

TP_018: Voluntary travel behavior change program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = 4% * percent of participants*		
Source	Spears, Boarnet, Handy. 2013. "Policy Brief on the Impacts of Voluntary Travel Behavior Change Programs Based on a Review of the Empirical Literature." https://www.arb.ca.gov/cc/sb375/policies/vtbc/vtbc_brief120313.pdf		
Constants	*% reduction of*	*0.04*	*elasticities*
Variables	*% expected to participate*	*0.00*	*user input*
	% reduction in VMT	*0.0%*	
Calculation		0.0%	

CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

PROJECT:

Name: Phase 3-Good Samaritan Hospital Expansion
Location: 2425 Samaritan Dr., San Jose, CA 95124
Parcel: 42136009 Parcel Type: Urban Low Transit
Proposed Parking Spaces Vehicles: 2,179 Bicycles: 52

Tool Version: 2/29/2019
Date: 5/9/2024

LAND USE:

Residential:		Percent of All Residential Units	
Single Family	0 DU	Extremely Low Income (≤ 30% MFI)	0 % Affordable
Multi Family	0 DU	Very Low Income (> 30% MFI, ≤ 50% MFI)	0 % Affordable
Subtotal	0 DU	Low Income (> 50% MFI, ≤ 80% MFI)	0 % Affordable
Office:	979.7 KSF		
Retail:	0 KSF		
Industrial:	0 KSF		

VMT REDUCTION STRATEGIES

Tier 1 - Project Characteristics

Increase Residential Density
- Existing Density (DU/Residential Acres in half-mile buffer) 5
- With Project Density (DU/Residential Acres in half-mile buffer) 5

Increase Development Diversity
- Existing Activity Mix Index 0.64
- With Project Activity Mix Index 0.57

Integrate Affordable and Below Market Rate
- Extremely Low Income BMR units . . . . . 0 %
- Very Low Income BMR units . . . . . 0 %
- Low Income BMR units . . . . . 0 %

Increase Employment Density
- Existing Density (Jobs/Commercial Acres in half-mile buffer) 62
- With Project Density (Jobs/Commercial Acres in half-mile buffer) 102

Tier 2 - Multimodal Infrastructure

Bike Access Improvements *(In Coordination with SJ)*
- Distance to Nearest Existing Bicycle Facility . . . . . 100 feet
- Distance to Nearest Bicycle Facility With Project . . . . . 80 feet

Increase Network Connectivity *(In Coordination with SJ)*
- Intersection Density . . . . . 4 int/sqmi
- Intersection Density with Project . . . . . 5 int/sqmi

Increase Transit Accessibility *(In Coordination with SJ)*
- Distance to Closest Transit Stop Without Project . . . . . 100 feet
- Distance to Closest Transit Stop With Project . . . . . 80 feet

Traffic Calming Measures *(In Coordination with SJ)*
- Are improvements provided beyond the development frontage? . . . . . Yes

Pedestrian Network Improvements *(In Coordination with SJ)*
- Are pedestrian improvements provided beyond the development frontage? . . . . . Yes

Tier 3 - Parking

Limit Parking Supply

Minimum Parking Required by Municipal Code	2333	spaces
Total Parking Spaces Available to Employees	2179	spaces
Does the surrounding street parking have RPP, meters, or time limits?	Yes	

End of Trip Bike Facilities

Bicycle Parking Spaces Provided by Project	52	spaces
Project Provides Additional End-of-Trip Facilities Beyond Parking?	Yes	

Tier 4 - TDM Programs

Commute Trip Reduction Marketing/ Education

Percent of Eligible Employees	50	%

Telecommuting and Alternative Work Schedule Program

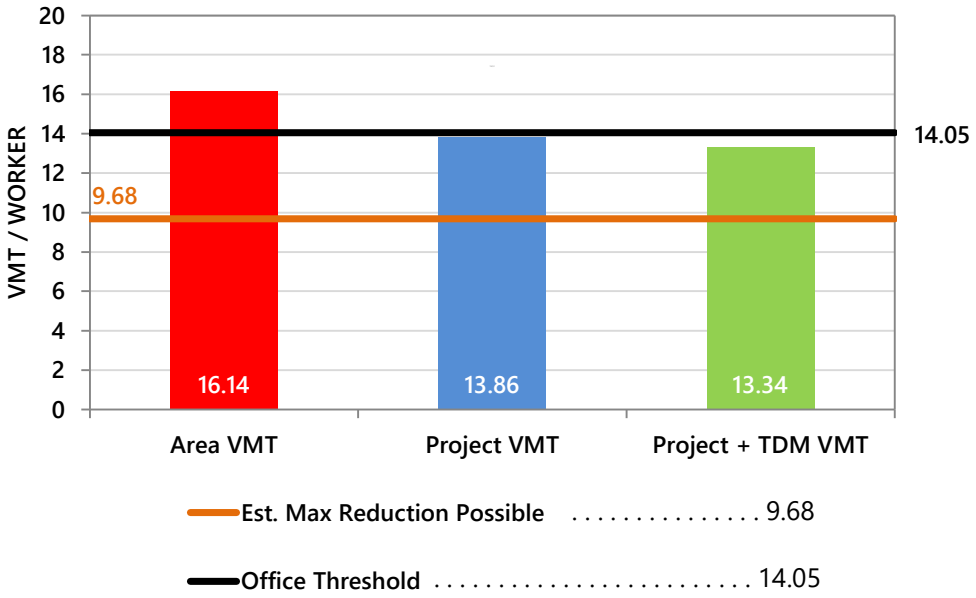
Alternative Work Schedule	4/40 Schedule	
Percent of Eligible Eemployees	5	%

Ride-Sharing Programs

Percent of Eligible Eemployees	2	%

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT below the City's threshold. There are selected strategies that require coordination with the City of San Jose to implement.



PROJECT CHARACTERISTICS

PC_001: Increase Development Density

Result

% VMT Reduction: 0.0%

Formula

$$\frac{VMT}{Hh} = 16476\left(\frac{9.548 + \frac{Hh}{RA}}{9.548+9.884}\right)^{-0.817}$$

Source

[1] Holtzclaw, et al. 2002. "Location Efficiency: Neighborhood and Socioeconomic Characteristics Determine Auto Ownership and Use – Studies in San Francisco, Los Angeles, and Chicago." Transportation Planning and Technology, Vol. 25, pp. 1–27.

Constants

external coefficient	*16476*	*research finding*
numerator constant	*9.548*	*research finding*
denominator constant 1	*9.548*	*research finding*
denominator constant 2	*9.884*	*research finding*
exponent	*-0.817*	*research finding*

Variables

	Parcel	*42136009*	*user input*
	# of Project residential units	*0*	*user input*
HH	*# of buffer residential units*	*1675*	*2015.LU.PARCEL.HALFMILE.BUFFER*
RESACRE	*Buffer residential acres*	*321*	*2015.LU.PARCEL.HALFMILE.BUFFER*
	Existing buffer Hh/RA	*5.2*	
	With Project buffer Hh/RA	*5.2*	
	calculated HH VMT without Project	*20620*	*calculation*
	calculated HH VMT with Project	*20620*	*calculation*

Calculation

0.0%



PC_002: Increase Diversity of Urban and Suburban Developments (Residential)

Result	% VMT Reduction	0.0%	
Formula	*% Change in VMT per capita= -elasticity* % Change in activity mix index*		
Source	Salon, Deborah. "Quantifying the effect of local government actions on VMT." California Air Resources Board and the California Environmental Protection Agency. September 2013.		
Constants	*elasticity*	*0*	*research finding and place type*
Variables	*Parcel*	*42136009*	*user input*
AGEMP	*Buffer AGEMP (EMP)*	*6*	*2015.LU.PARCEL.HALFMILE.BUFFER*
MANEMP	*Buffer MANEMP (EMP)*	*331*	*2015.LU.PARCEL.HALFMILE.BUFFER*
WHOEMP	*Buffer WHOEMP (EMP)*	*63*	*2015.LU.PARCEL.HALFMILE.BUFFER*
HHPOP	*Buffer HHPOP (Residents)*	*4000*	*2015.LU.PARCEL.HALFMILE.BUFFER*
RETEMP	*Buffer RETEMP (EMP)*	*108*	*2015.LU.PARCEL.HALFMILE.BUFFER*
SEREMP	*Buffer SEREMP (EMP)*	*4212*	*2015.LU.PARCEL.HALFMILE.BUFFER*
OTHEMP	*Buffer OTHEMP (EMP)*	*311*	*2015.LU.PARCEL.HALFMILE.BUFFER*
Industrial	*Buffer Ag+Man+Who Employment*	*400*	*calculation*
	Buffer Total People	*9031*	*calculation*
	*Resi/Total*ln(Resi/Total)*	*-0.36*	*ln helper calculation*
	*Retail/Total*ln(Retail/Total)*	*-0.05*	*ln helper calculation*
	*Office/Total*ln(Office/Total)*	*-0.36*	*ln helper calculation*
	*Other/Total*ln(Other/Total)*	*-0.12*	*ln helper calculation*
	*Industrial/Total*ln(Industrial/Total)*	*-0.14*	*ln helper calculation*
	N (number of non-zero land use types)	*5*	*N*
	Buffer Activity Index/Entropy	*0.636*	*for parcel buffer without project*

	Project SFHH (DU)	*0*	*user input*
	Project MFHH (DU)	*0*	*user input*
	Project RETEMP (KSF)	*0*	*user input*
	Project Office (KSF)	*980*	*user input*
	Project Other (KSF)	*0*	*hard-coded zero*
	Project Industrial (KSF)	*0*	*user input*
SFHH	*Project SFHH (Residents)*	*0*	*calculation based on density assumption*
MFHH	*Project MFHH (Residents)*	*0*	*calculation based on density assumption*
RETEMP	*Project RETEMP (Emp)*	*0*	*calculation based on density assumption*
SEREMP	*Project Office (Emp)*	*3266*	*calculation based on density assumption*
OTHEMP	*Project OTHEMP (Emp)*	*0*	*calculation based on density assumption*
INDEMP	*Project Industrial (Emp)*	*0*	*calculation based on density assumption*
	Project Total People	*3266*	
	Buffer+Project HHPOP (Residents)	*4000*	
	Buffer+Project RETEMP (EMP)	*108*	
	Buffer+Project SEREMP (EMP)	*7478*	
	Buffer+Project OTHEMP (EMP)	*311*	
	Buffer+Project Ag+Man+Who Employment	*400*	
	Buffer+Project Total People	*12297*	
	*Resi/Total*ln(Resi/Total)*	*-0.37*	*ln helper calculation*
	*Retail/Total*ln(Retail/Total)*	*-0.04*	*ln helper calculation*
	*Office/Total*ln(Office/Total)*	*-0.30*	*ln helper calculation*
	*Other/Total*ln(Other/Total)*	*-0.09*	*ln helper calculation*
	*Industrial/Total*ln(Industrial/Total)*	*-0.11*	*ln helper calculation*
	N (number of non-zero land use types)	*5*	*N*
	Buffer Activity Index/Entropy	*0.568*	*for parcel buffer with project*
	% change in Land Use Entropy	*-0.107*	
	%change in VMT per capita	*0.000*	
Calculation		0.0%	

PC_003: Integrate Affordable and Below Market Rate Housing

Result	% VMT Reduction	0.0%	
Formula	*Add reductions based on income levels below* *Extremely Low Income (Household earns ≤ 30% MFI) -32.5%* *Very Low Income (Household earns > 30% MFI, ≤ 50% MFI) -25.2%* *Low Income (Household earns > 50% MFI, ≤ 80% MFI) -10.2%*		
Source	Newmark, G. Haas, P. Income, Location Efficiency, and VMT: Affordable Housing as a Climate Strategy. The California Housing Partnership. December 2015.		
Constants	*VMT reduction for extremely low income (≤ 30% MFI)*	*-32.5%*	*research finding*
Constants	*Very Low Income (> 30% MFI, ≤ 50% MFI)*	*-25.2%*	*research finding*
Constants	*Low Income (> 50% MFI, ≤ 80% MFI)*	*-10.2%*	*research finding*
Variables	*% units that are extremely low income*	*0%*	*user input*
	% units that are extremely low income	*0%*	*user input*
	% units that are extremely low income	*0%*	*user input*
	total number of residential units	*0*	*check for residential component*
	% VMT reduction	*0.0%*	
Calculation	0.0%		



PC_004: Increase Employment Density

Result — % VMT Reduction: 1.9%

Formula

% VMT Reduction = -0.03 % change in employment density*

Source

Zhou, B. and K. M. Kockelman (2008). Self-selection in home choice: use of treatment effects in evaluating relationship between built environment and travel behavior. Transportation Research Record: Journal of the Transportation Research Board, 2077(1): 54-61. via Boarnet, Circella and Handy, Susan. 2014. "Impacts of Employment Density on Passenger Vehicle Use and Greenhouse Gas Emissions"

Constants	*elasticity*	*-0.03*	*research finding*
Variables	*Parcel*	*42136009*	*user input*
TEMP	*Buffer total # of employees*	*5031*	*2015.LU.PARCEL.HALFMILE.BUFFER*
CIACRE	*Buffer commercial acres*	*81*	*2015.LU.PARCEL.HALFMILE.BUFFER*
	Existing buffer employment density	*62*	*calculation*
	Project Office KSF	*979.7*	*user input*
	Project Retail KSF	*0.0*	*user input*
	Project Industrial KSF	*0.0*	*user input*
SEREMP	*Project Office Employees*	*3266*	*calculation*
RETEMP	*Project Retail Employees*	*0*	*calculation*
INDEMP	*Project Industrial Employees*	*0*	*calculation*
	Total Project Employees	*3266*	*calculation*
	With Project buffer employment density	*102*	*calculation*
	% increase in employment density	*65%*	*calculation*
	neghborhood type eligibility	*1*	*neighborhood type lookup*
	%VMT reduction	*-1.9%*	

Calculation -1.9%



PC_005: Increase Diversity of Urban and Suburban Developments (Employment) - This is the employment component of PC_002

Result	% VMT Reduction	0.0%
Formula	*% VMT Reduction = -elasticity* % Change in activity mix index*	
Source	Salon, Deborah. "Quantifying the effect of local government actions on VMT." California Air Resources Board and the California Environmental Protection Agency. September 2013.	
Constants	*elasticity*	*0* *research finding and place type*
Variables	*% change in Activity Mix Index*	*-0.11* *calculation*
	%VMT reduction	*0.0%*
Calculation		0.0%



MULTIMODAL INFRASTRUCTURE

MI_001: Expand the reach of Bike Access with Investment in Infrastructure

Result	% VMT Reduction	0.02%	
Formula	*% change in bike mode share = -0.037 * % change in distance to cycling infrastructure. This provides the mode shift from drive to bike. We discount the VMT reduction by applying the ratio of average bike trip lengths to the average drive trip lengths.*		
Source	Seyed H. Zahabi, Annie Chang, Luis F. Miranda-Moreno, Zachary Patterson. Exploring the link between the neighborhood typologies, bicycle infrastructure and commuting cycling over time and the potential impact on commuter GHG emissions. Transportation Research Part D: Transport and Environment Volume 47, August 2016, Pages 89–103		
Constants	*elasticity*	*-0.371*	*based on research and place type*
	average trip length (auto)	*9.05*	*CHTS data for CSJ*
	average trip length (bike)	*2.60*	*CHTS data for CSJ*
	maximum distance of bike facility for measure to take effect (feet)	*1760*	*CHTS data for CSJ*
Variables	*Parcel*	*42136009*	*user input*
	has a number been entered in existing distance to cycling infrastructure?	*TRUE*	*user input*
	has a number been entered in existing distance to cycling infrastructure with project?	*TRUE*	*user input*
	distance to cycling infrastructure (ft)	*100*	*user input*
	distance to cycling infrastructure with Project (ft)	*80*	*user input*
	are both fields numbers; is the with project distance less than no project; is the distance with project less than the max distance?	*TRUE*	*logic checks - TRUE if logic is met*
	% change in distance to cycling infrastructure	*-20%*	*calculation*
	% change in bike mode share	*7.4%*	*calculation*
	bike mode share for buffer	*1.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	shift in bike mode share	*0.08%*	*calculation*
	vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
		-0.02%	*calculation*
Calculation		-0.02%	

MI_002: Improving Network Connectivity/Design to Make Destinations and Low-Carbon Travel Modes Accessible

Result	% VMT Reduction	3.0%	
Formula	*% VMT Reduction =-0.12 * % increase of intersection density*		
Source	Ewing, R., and Cervero, R., "Travel and the Built Environment - A Meta-Analysis." Journal of the American Planning Association, <to be published> (2010). Table 3.		
Constants	*elasticity*	*-0.12*	*based on research and place type*
Variables	*Intersection Density (int/sqmi)*	*4*	*user input*
	Intersection Density with Project (int/sqmi)	*5*	*user input*
	% change in intersection density	*25%*	*calculation*
	decrease in VMT	*-3.0%*	
Calculation		-3.0%	

MI_003: Increase Transit Accessibility to Establish Seamless Last-Mile Transit Connections

Result	% VMT Reduction	1.6%	
Formula	*%change in VMT = -0.08 * % change in distance to nearest transit stop*		
Source	Bento, A.M., Cropper, M.L., Mobarak, A.M., and Vinha, K. (2003). The impact of urban spatial structure on travel demand in the United States. World Bank policy research working paper, 3007.		
Constants	*elasticity*	*-0.08*	*research finding*
Variables	*has a number been entered in existing distance to transit stop?*	*TRUE*	*user input*
	has a number been entered in existing distance to transit stop with project?	*TRUE*	*user input*
	distance to nearest transit stop	*100*	*user input*
	distance to nearest transit stop with Project	*80*	*user input*
	are both fields numbers, and is the with project distance less than no project?	*TRUE*	*logic checks - TRUE if logic is met*
	% change in distance	*-20%*	*calculation*
	decrease in VMT	*-1.6%*	*calculation*
Calculation		-1.6%	

MI_004: Provide Neighborhood Traffic Calming Measures

Result	% VMT Reduction	2.0%	
Formula	*% reduction in VMT = rate based on placetype*		
Source	Cambridge Systematics, Inc. "Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissiones" (2009) Table 3.1		
Constants			
Variables	*VMT reduction based on place type*	*-2.0%*	*research finding and neighborhood type*
	Implementation meets standards?	*TRUE*	*user input*
	% VMT reduction	*-2.0%*	
Calculation	-2.0%		

MI_005: Provide Pedestrian Network Improvements to Create Seamless, Comfortable Access for Active Transportation Modes

Result	% VMT Reduction	2.0%	
Formula	*% reduction in VMT = rate based on placetype*		
Source	Cambridge Systematics, Inc. "Moving Cooler. An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissiones" (2009) Table 3.1		
Constants			
Variables	*VMT reduction based on place type*	*-2.0%*	*research finding and neighborhood type*
	Implementation meets standards?	*TRUE*	*user input*
	% VMT reduction	*-2.0%*	
Calculation	-2.0%		

PARKING

PK_001: Limit Parking Supply

Result	% VMT Reduction	3.3%	
Formula	*Trip reduction = % Reduction of parking supply from Minimum Required by Municipal Code * 0.5*		
Source	Nelson\Nygaard, 2005. Crediting Low-Traffic Developments (p. 16) http://www.montgomeryplanning.org/transportation/documents/TripGenerationAnalysisUsingURBEMIS.pdf		
Constants	*hard coded, empirical*	*0.50*	*research finding*
Variables	*SFHH*	*0*	*hard-coded to zero, as measure does not take into account residential parking*
	MFHH	*0*	*hard-coded to zero, as measure does not take into account residential parking*
	Retail SF	*0*	*user input*
	Office SF	*979.66*	*user input*
	Industrial SF	*0*	*user input*
	ITE Parking Rate for SFHH	*2*	*ITE parking generation - for reference only*
	ITE Parking Rate for MFHH	*1.4*	*ITE parking generation - for reference only*
	ITE Parking Rate for Retail	*4.7*	*ITE parking generation - for reference only*
	ITE Parking Rate for Office	*4*	*ITE parking generation - for reference only*
	ITE Parking Rate for Industrial	*1.6*	*ITE parking generation - for reference only*
	Minimum Parking Requirement by Municipal Code	*2333*	*calculation*
	has a number been entered into theParking Available to Employees and City's Code?	*TRUE*	*check for blank vs zero*
	Project providing less than the minimum required by Municipal Code?	*TRUE*	*calculation*
	Limited street parking in area?	*Yes*	*user input*
	Proceed with reduction?	*TRUE*	*logic check*
	Parking Provision for Project for Employees	*2179*	*user input*
	% reduction from Minimum Required by Municipal Code	*-6.6%*	*calculation*
	high end of reasonable reduction from Municipal Code levels	*-25.0%*	*CAPCOA gated maximum*
	gated reductions from Municipal Code levels	*-6.6%*	
	% trip reduction	*-3.3%*	
Calculation	-3.3%		

PK_002: Provide End of Trip Bike Facility

Result	% VMT Reduction	1.1%	
Formula	*% VMT reduction = bike mode share * level-of-facility-multiplier, then discounted to take into account that bike trip lengths are shorter than drive trip lengths*		
Source	Buehler, R. (2012). Determinants of bicycle commuting in the Washington, DC region: The role of bicycle parking, cyclist showers, and free car parking at work. Transportation Research Part D, 17, 525-531.		
Constants	*bicycle mode multiplier - parking only*	*1.78*	*research finding*
	bicycle mode multiplier - parking plus additional end-of-trip facilities	*4.86*	*research finding*
	average trip length (auto)	*9.05*	*CHTS data for CSJ*
	average trip length (bike)	*2.60*	*CHTS data for CSJ*
Variables	*bicycle parking spaces provided by project*	*52*	*user input*
	provides additional facilities?	*Yes*	*user input*
	pick multiplier based on level of intervention	*4.86*	*calculation*
	bicycle mode share for buffer	*1.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	adjusted odds of bike for project	*5.0%*	*calculation*
	new bicycle mode share with strategy	*4.7%*	*calculation*
	change in bicycle mode share	*3.7%*	*calculation*
	vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	% trip reduction	*-1.1%*	
Calculation		-1.1%	

TDM PROGRAMS

TP_001: School Pool Program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = 8.3% * % of households expected to participate*		
Source	2012 California Household Travel Survey: 2.3% of home-based VMT generated by home-based K-12 school trips. & American Community Survey (ACS 2017) - 27.85% of households with K-12 kids.		
Constants	*% of all residential VMT that is school related for households with K-12 kids*	*-8.3%*	*elasticities*
	family participation rate	*0%*	*user input*
Variables	*VMT reduction*	*0.0%*	
Calculation		0.0%	

TP_002: Implement Bike Sharing Program (INACTIVE)

Result	% VMT Reduction	0.0%	
		FALSE	

Formula

6% conversion of vehicle trips to bicycle trips. We discount the VMT reduction by applying the ratio of average bike trip lengths to the average drive trip lengths.

Source

Noland, R.B., Ishaque, M.M., 2006. Smart bicycles in an urban area: Evaluation of a pilot scheme in London. J. Public Transp. 9 (5), 71–95.

Constants	*% change in bike trips*	*0.06*	*percent*
	average trip length (auto)	*9.05*	*CHTS data for CSJ*
	average trip length (bike)	*2.60*	*CHTS data for CSJ*
Variables	*Parcel*	*42136009*	*user input*
	vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
	VMT reduction	*-1.8%*	*calculation*

Calculation -1.8%

TP_003: Implement Car Sharing Program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = 32.8% * % Expected participation * % Eligible residents / employees*		
Source	Cervero, R., Golub, A., & Nee, B. (2007). City CarShare: Longer-term travel demand and car ownership impacts. Transportation Research Record 1992, 70-80. UCLA 2011 State of the Commute Report Zhou, J. Carsharing on university campus: Subsidies, commuter benefits, and their impacts on carsharing. (2014)		
Constants	*% household VMT reduction by member*	*32.8%*	*research finding*
	% expected to participate	*2%*	
Variables	*% eligible residents/employees*	*0%*	*user input*
	VMT reduction	*0.00%*	*calculation*
Calculation		0.0%	

TP_004: Implement Commute Trip Reduction Marketing/Education

Result

% VMT Reduction: 2.0%

Formula

*% Commute VMT Reduction = % reduction in commute vehicle trips (4%) * % participant employees * Adjustment from commute VT to commute VMT (1.0)*

Source

Pratt, Dick. Personal communication regarding the Draft of TCRP 95 Traveler Response to Transportation System Changes – Chapter 19 Employer and Institutional TDM Strategies. Transit Cooperative Research Program.

Constants

reduction of commute vehicle trips	*4.0%*	*research finding*
adjustment from commute VT to commute VMT	*1.00*	*research finding*

Variables

% expected to participate	*0.50*	*user input*
VMT reduction	*2.0%*	*calculation*

Calculation

-2.0%

TP_005: Implement Commute Trip Reduction Program

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = % reduction in commute VMT * % expected to participate*		
Source	Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13, Table D.3) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendices_Complete_102209.pdf		
Constants	*reduction of commute vehicle trips*	*5.2%*	*based on research and place type*
Variables	*% expected to participate*	*0.00*	*user input*
	VMT reduction	*0.00%*	*calculation*
Calculation	0.0%		

TP_006: Implement Employee Parking "Cash-Out" (On Site Parking)

Result	% VMT Reduction	0.0%	
Formula	*% VMT Reduction = % reduction in commute VMT * % of employees eligible*		
Source	Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13, Table D.3) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendices_Complete_102209.pdf		
Constants	*reduction of commute vehicle trips*	*3.7%*	*based on research and place type*
Variables	*% employees eligible*	*0.00*	*user input*
	VMT reduction	*0.00%*	*calculation*
Calculation	0.0%		

TP_007: Implement Subsidized or Discounted Transit Program

Result

% VMT Reduction 0.0%

Formula

*% VMT Reduction =(% Vehicle Share / (1 - % Transit Share)) * (0.43 * % fare subsidy * % Transit Share)*

Source

Handy, Lovejoy, Boarnet, Spears. 2013. "Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions." http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf

Constants

elasticity	*0.00*	*research finding*

Variables

% subsidy of transit fare	*0%*	*user input*
transit mode share for buffer	*2.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*
VMT reduction	*0.0%*	*calculation*

Calculation

0.0%

TP_008: Implement Telecommuting and Alternative Work Schedules

Result	% VMT Reduction	0.8%	
Formula	*% Commute VMT Reduction = reduction based on type of alternative schedule * percent of participating employees*		
Source	Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendix%20B_Effectiveness_102209.pdf		
Constants			
Variables	*% employees eligible*	*0.05*	*user input*
	Telecommute 1.5 days per week	*0.22*	*research finding*
	4/40 Schedule	*0.15*	*research finding*
	9/80 Schedule	*0.07*	*research finding*
	User selected option	*4/40 Schedule*	*user input*
	reduction to be used	*15.0%*	*see reference tab*
	VMT reduction	*0.8%*	*see reference tab*
Calculation		-0.8%	

TP_009: Operate a Free Long-distance Door-to-Door Transit Fleet

Result	% VMT Reduction	0.0%	
Formula	*% Commute VMT Reduction = 47% * percent of participating employees*		
Source	SFMTA Municipal Transportation Agency. Commuter Shuttle Pilot Program. Evaluation Report 2015		
Constants	*reduction of commute vehicle trips*	*47%*	*research finding*
Variables	*% employees participating*	*0.00*	*user input*
	VMT reduction	*0.0%*	*calculation*
Calculation	0.0%		

TP_010: Price Workplace Parking (On Site Parking)

Result

% VMT Reduction: 0.0%

Formula

*% VMT Reduction = Percentage reduction in commute VMT * Percent of employees subject to priced parking*

Source

Cambridge Systematics. Moving Cooler: An Analysis of Transportation Strategies for Reducing Greenhouse Gas Emissions. Technical Appendices. Prepared for the Urban Land Institute. (Table 5.13, Table D.3) http://www.movingcooler.info/Library/Documents/Moving%20Cooler_Appendices_Complete_102209.pdf

Constants

Variables

daily parking fee	*$0.00*	*user input*
reduction of commute vehicle trips	*0.0%*	*research finding*
% employees eligible	*0.00*	*user input*
VMT reduction	*0.00%*	*calculation*

Calculation

0.0%

TP_011: Provide employees commuter benefits to encourage the use of alternative transportation (INACTIVE)

Result	% VMT Reduction	0.0%	User Selected?
		TP_011	FALSE

Formula

*% VMT Reduction = Percentage reduction in commute VMT * Percent of employees subject to priced parking*

Currently not included in tool due to overlap with TP_005

Source

VTPI, Todd Litman, Transportation Elasticities, http://www.vtpi.org/elasticities.pdf.

Constants	*reduction of commute vehicle trips*	*44.0%*	*research finding*
Variables	*number of eligible employees*	*0*	*user input*
	total number of employees	*1*	*should be Interface!B97, coded as dummy*
	% employees eligible	*0%*	*calculation*
	VMT reduction	*0.00%*	*calculation*

Calculation 0.0%

TP_012: Provide Neighborhood schools (rather than regional or non-geographic attendance)

Result

% VMT Reduction	0.0%

Formula

*% VMT Reduction = 77.7% * 2.3% * % of household with school aged children living in project*

Source

Wilson, Elizabeth J., Ryan Wilson, and Kevin J. Krizek. "The implications of school choice on travel behavior and environmental emissions." Transportation Research Part D: Transport and Environment 12.7 (2007): 506-518.

Constants

VMT reduction for home-based school	*77.7%*	*research finding*
% of HB VMT made up by school trips	*2.3%*	*CHTS data*

Variables

School type	*0*	*user input*
Number of families with school-aged children	*0*	*user input*
total HH in project	*0*	*user input - update with GUI*
apply reduction?	*FALSE*	
%VMT reduction	*0.0%*	

Calculation

0.0%

TP_013: Provide Ride-Sharing Programs

Result	% VMT Reduction	1.1%	
Formula	*% VMT Reduction = 54.5% * % expected to participate* *Average occupancy: 2.2 people per car*		
Source	United States Environmental Protection Agency. Implementing Commuter Benefits as One of the Nation's Best Workplaces for Commuters. November 2005.		
Constants			
Variables	*% VMT reduction*	*54.5%*	*based on research and place type*
	% expected to participate	*2.0%*	*user input*
	VMT reduction	*1.09%*	*calculation*
Calculation	-1.1%		

TP_014: Subsidize transit service expansion through fees or contributions for public transit service upgrades

Result

% VMT Reduction: 0.0%

Formula

*% VMT Reduction = 0.5 * 0.67 * % change in frequency * Route Contribution Proxy * existing transit mode share*

Route Contribution Proxy = 50% (when less than 50% of the routes are improved);
85% (when more than or equal to 50% of the routes are improved)

Source

Handy, Susan et al. 2013. Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions. California Air Resources Board and the California Environmental Protection Agency.
&
California Air Pollution Control Officers Association (CAPCOA). 2010. Quantifying Greenhouse Gas Mitigation Measures: A Resource for Local Government to Assess Emission Reductions from Greenhous Gas Mitigation Measures.

Constants

Frequency elasticity	*-0.5*	*elasticities*
adjustment from transit mode share to VMT	*0.67*	*elasticities*

Variables

change in frequency	*0%*	*user input*
percent of routes serving the project will be affected	*0%*	*user input*
route contribution proxy	*50.0%*	*based on research and place type*
existing transit mode share	*2.0%*	*2015.MODE.SHARE.PARCEL.BUFFER*
%VMT reduction	*0.00%*	

Calculation

0.0%

TP_015: Targeted Behaviorial Intervention (INACTIVE)

Result	% VMT Reduction	0.0%	User Selected?
		TP_015	FALSE

Formula

*% reduction in VMT =30% * percent students participating/eligible*

Measure is currently not included.

Source

Brown, Anne, et all. "The Right Time and Place to Change Travel Behavior: An Experimental Study." (2016)

Constants	*hard coded, empirical*	*0.30*	*elasticities*
Variables	*percent students participating/eligble*	*75%*	*user input*
	(from INTERFACE TAB)	*22.5%*	*calculation*
Calculation		-22.5%	

TP_016: Unbundle Parking Costs from Property Cost (On Site Parking)

Result

% VMT Reduction: 0.0%

Formula

*% Reduction in VMT = Change in vehicle cost * elasticity * A*

Where:

Change in vehicle cost = monthly parking cost / ($4,000 / 12), with $4,000 representing the annual vehicle cost per VTPI. This has been updated to $8,849, which is expressed in 2018 dollars.

A = Adjustment from Vehicle Ownership to VMT = 0.85 (taken from CAPCOA)

Source

Victoria Transport Policy Institute, Parking Requirement Impacts on Housing Affordability; http://www.vtpi.org/park-hou.pdf; January 2009; accessed March 2010. (Annual/monthly parking fees estimated by VTPI in 2009) (p. 8, Table 3)
&
American Automobile Association. Your Driving Costs. (https://newsroom.aaa.com/auto/your-driving-costs/) Accessed October 2018.

Constants

A (adjustment from Vehicle Ownership to VMT)	*0.85*	*adjustment factor*
elasticity	*-0.40*	*elasticities*
annual vehicle cost	*$8,849*	*constant*

Variables

free parking?	*0*	*user input*
monthly parking cost	*$0*	*user input*
monthly vehicle cost	*$737.42*	*calculation*
monthly vehicle cost with parking	*$737*	*calculation*
change in vehicle cost	*0%*	*calculation*
% reduction in VMT	0.0%	

Calculation

0.0%

TP_017: Vanpool Incentives

Result

% VMT Reduction: 0.0%

Formula

*%VMT Reduction = elasticity * reduction of vanpool price * 83.3% * % Expected participants*
where:
Average Occupancy: 5.6 people per van

Source

VTPI. TDM Encyclopedia. http://www.vtpi.org/tdm/tdm34.htm;
&
Fare Pricing Elasticity, Subsidies and the Demand for Vanpool Services, Concas, Winters and Wambalaba (2005)
&
Way to Go, 2015 Annual Report

Constants

elasticity	*-0.73*	*elasticities*
Average Occupancy	*5.6*	*constant*
vehicle mode share for buffer	*93.7%*	*2015.MODE.SHARE.PARCEL.BUFFER*

Variables

reduction of vanpool price	*0.00*	*user input*
% expected to participate	*0.00*	*user input*
% reduction in VMT	*0.0%*	

Calculation

0.0%

TP_018: Voluntary travel behavior change program

Result	% VMT Reduction	0.0%
Formula	*% VMT Reduction = 4% * percent of participants*	
Source	Spears, Boarnet, Handy. 2013. "Policy Brief on the Impacts of Voluntary Travel Behavior Change Programs Based on a Review of the Empirical Literature." https://www.arb.ca.gov/cc/sb375/policies/vtbc/vtbc_brief120313.pdf	
Constants	*% reduction of*	*0.04* *elasticities*
Variables	*% expected to participate*	*0.00* *user input*
	% reduction in VMT	*0.0%*
Calculation	0.0%	

Appendix C – Intersection Turning Movement Counts

National Data & Surveying Services Intersection Turning Movement Count

Location: Bascom Ave & Camden Ave
City: Campbell
Control: Signalized

Project ID: 22-080174-001
Date: 5/19/2022

Data - Total

NS/EW Streets:	Bascom Ave				Bascom Ave				Camden Ave				Camden Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	3	0	0	2	3	0	0	1	3	1	0	1	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	35	15	13	0	8	49	43	0	21	88	40	9	12	209	11	0	553
7:15 AM	56	32	13	0	15	66	55	0	16	102	45	7	19	376	5	0	807
7:30 AM	85	41	24	0	20	93	64	0	26	134	42	11	40	455	11	0	1046
7:45 AM	94	79	20	0	22	96	72	0	22	196	84	11	53	525	13	1	1288
8:00 AM	75	101	32	1	17	124	82	1	29	201	75	13	45	485	11	2	1294
8:15 AM	84	103	16	0	9	122	65	4	34	184	70	12	35	421	17	0	1176
8:30 AM	85	68	21	0	12	81	53	1	42	164	60	8	51	431	10	0	1087
8:45 AM	65	56	11	1	13	71	50	1	33	163	62	16	36	382	20	2	982
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	579	495	150	2	116	702	484	7	223	1232	478	87	291	3284	98	5	8233
APPROACH %'s :	47.23%	40.38%	12.23%	0.16%	8.86%	53.63%	36.97%	0.53%	11.04%	60.99%	23.66%	4.31%	7.91%	89.29%	2.66%	0.14%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	338	351	89	1	60	423	272	6	127	745	289	44	184	1862	51	3	4845
PEAK HR FACTOR :	0.899	0.852	0.695	0.250	0.682	0.853	0.829	0.375	0.756	0.927	0.860	0.846	0.868	0.887	0.750	0.375	0.936
	0.932				0.849				0.947				0.887				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	3	0	0	2	3	0	0	1	3	1	0	1	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	77	93	52	3	20	102	37	3	59	533	63	7	23	181	16	0	1269
4:15 PM	79	113	53	6	18	72	29	4	49	541	46	9	32	179	21	0	1251
4:30 PM	98	101	50	0	17	93	47	2	67	504	62	4	27	146	22	3	1243
4:45 PM	82	145	51	0	19	88	39	0	41	502	53	6	17	175	11	1	1230
5:00 PM	99	142	67	2	13	89	50	5	52	505	46	7	24	152	13	1	1267
5:15 PM	73	146	79	4	25	60	49	1	56	516	48	10	26	195	20	0	1308
5:30 PM	82	144	55	2	21	84	58	3	56	533	67	13	25	175	15	2	1335
5:45 PM	60	131	51	2	21	87	36	4	55	556	46	7	22	126	20	0	1224
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	650	1015	458	19	154	675	345	22	435	4190	431	63	196	1329	138	7	10127
APPROACH %'s :	30.35%	47.39%	21.38%	0.89%	12.88%	56.44%	28.85%	1.84%	8.50%	81.85%	8.42%	1.23%	11.74%	79.58%	8.26%	0.42%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	336	577	252	8	78	321	196	9	205	2056	214	36	92	697	59	4	5140
PEAK HR FACTOR :	0.848	0.988	0.797	0.500	0.780	0.902	0.845	0.450	0.915	0.964	0.799	0.692	0.885	0.894	0.738	0.500	0.963
	0.946				0.910				0.938				0.884				

National Data & Surveying Services Intersection Turning Movement Count

Location: Bascom Ave & White Oaks Ave
City: San Jose
Control: Signalized

Project ID: 22-080174-002
Date: 5/19/2022

Data - Total

NS/EW Streets:	Bascom Ave				Bascom Ave				White Oaks Ave				White Oaks Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	0	0	1	3	0	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	7	44	4	0	2	114	3	0	3	1	17	0	10	0	2	0	207
7:15 AM	4	63	6	1	0	110	5	1	2	1	15	0	15	1	13	0	237
7:30 AM	14	86	7	0	4	159	4	3	5	0	24	0	24	8	11	0	349
7:45 AM	19	116	13	2	3	223	11	4	9	1	17	0	19	9	16	0	462
8:00 AM	10	125	22	1	8	181	15	4	19	15	12	0	32	13	10	0	467
8:15 AM	6	116	18	1	10	172	15	3	4	3	15	0	27	13	19	0	422
8:30 AM	13	126	16	5	6	145	12	2	5	7	27	0	22	5	12	0	403
8:45 AM	7	109	14	3	5	147	8	4	6	3	25	0	18	3	7	0	359
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	80	785	100	13	38	1251	73	21	53	31	152	0	167	52	90	0	2906
APPROACH %'s :	8.18%	80.27%	10.22%	1.33%	2.75%	90.46%	5.28%	1.52%	22.46%	13.14%	64.41%	0.00%	54.05%	16.83%	29.13%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	48	483	69	9	27	721	53	13	37	26	71	0	100	40	57	0	1754
PEAK HR FACTOR :	0.632	0.958	0.784	0.450	0.675	0.808	0.883	0.813	0.487	0.433	0.657	0.000	0.781	0.769	0.750	0.000	0.939
	0.952				0.844				0.728				0.835				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	0	0	1	3	0	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	17	208	19	0	9	141	9	1	8	8	23	0	10	2	9	0	464
4:15 PM	10	214	16	1	3	116	17	4	6	5	18	0	13	3	9	0	435
4:30 PM	14	219	28	1	11	153	8	4	8	4	27	0	12	7	11	0	507
4:45 PM	15	230	29	3	6	122	7	0	5	9	31	0	22	3	12	0	494
5:00 PM	17	253	23	1	4	130	5	2	12	10	30	0	18	7	12	0	524
5:15 PM	18	260	18	0	3	114	8	1	4	5	26	0	15	3	3	0	478
5:30 PM	13	217	21	0	9	144	8	0	4	6	26	0	18	3	10	0	479
5:45 PM	4	180	23	1	6	117	6	5	7	8	24	0	13	2	8	0	404
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	108	1781	177	7	51	1037	68	17	54	55	205	0	121	30	74	0	3785
APPROACH %'s :	5.21%	85.91%	8.54%	0.34%	4.35%	88.41%	5.80%	1.45%	17.20%	17.52%	65.29%	0.00%	53.78%	13.33%	32.89%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	64	962	98	5	24	519	28	7	29	28	114	0	67	20	38	0	2003
PEAK HR FACTOR :	0.889	0.925	0.845	0.417	0.545	0.848	0.875	0.438	0.604	0.700	0.919	0.000	0.761	0.714	0.792	0.000	0.956
	0.954				0.821				0.822				0.845				

National Data & Surveying Services Intersection Turning Movement Count

Location: Bascom Ave & SR 85 NB Ramps
City: Los Gatos
Control: Signalized

Project ID: 22-080174-003
Date: 5/19/2022

Data - Total

NS/EW Streets:	Bascom Ave				Bascom Ave				SR 85 NB Ramps				SR 85 NB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	3	0	0	0	3	0	0	0	0	0	0	1.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	44	39	0	0	0	80	49	0	0	0	0	0	29	0	20	0	261
7:15 AM	59	61	0	0	0	81	59	0	0	0	0	0	25	0	21	0	306
7:30 AM	57	99	0	0	0	137	69	0	0	0	0	0	26	2	27	0	417
7:45 AM	61	118	0	2	0	198	57	0	0	0	0	0	50	0	38	0	524
8:00 AM	64	129	0	0	0	175	66	0	0	0	0	0	40	1	32	0	507
8:15 AM	73	127	0	0	0	157	55	0	0	0	0	0	55	1	35	0	503
8:30 AM	69	134	0	2	0	140	50	0	0	0	0	0	56	0	35	0	486
8:45 AM	60	99	0	0	0	131	39	0	0	0	0	0	59	1	32	0	421
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	487	806	0	4	0	1099	444	0	0	0	0	0	340	5	240	0	3425
APPROACH %'s :	37.55%	62.14%	0.00%	0.31%	0.00%	71.22%	28.78%	0.00%					58.12%	0.85%	41.03%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	267	508	0	4	0	670	228	0	0	0	0	0	201	2	140	0	2020
PEAK HR FACTOR :	0.914	0.948	0.000	0.500	0.000	0.846	0.864	0.000	0.000	0.000	0.000	0.000	0.897	0.500	0.921	0.000	0.964
	0.950				0.880								0.942				

NS/EW Streets:	Bascom Ave				Bascom Ave				SR 85 NB Ramps				SR 85 NB Ramps				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	3	0	0	0	3	0	0	0	0	0	0	1.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	77	205	0	1	0	175	48	0	0	0	0	0	43	0	35	0	584
4:15 PM	61	195	0	1	0	133	31	0	0	0	0	0	42	1	36	0	500
4:30 PM	60	214	0	0	0	160	44	0	0	0	0	0	38	1	44	0	561
4:45 PM	74	232	0	1	0	141	42	0	0	0	0	0	36	0	40	0	566
5:00 PM	76	264	0	2	0	144	48	0	0	0	0	0	32	0	27	0	593
5:15 PM	75	262	0	0	0	126	37	0	0	0	0	0	37	1	44	0	582
5:30 PM	57	212	0	1	0	142	48	0	0	0	0	0	28	0	36	0	524
5:45 PM	62	184	0	1	0	126	34	0	0	0	0	0	33	0	27	0	467
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	542	1768	0	7	0	1147	332	0	0	0	0	0	289	3	289	0	4377
APPROACH %'s :	23.39%	76.31%	0.00%	0.30%	0.00%	77.55%	22.45%	0.00%					49.74%	0.52%	49.74%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	285	972	0	3	0	571	171	0	0	0	0	0	143	2	155	0	2302
PEAK HR FACTOR :	0.938	0.920	0.000	0.375	0.000	0.892	0.891	0.000	0.000	0.000	0.000	0.000	0.941	0.500	0.881	0.000	0.970
	0.921				0.909								0.904				

National Data & Surveying Services Intersection Turning Movement Count

Location: Bascom Ave & SR 85 SB Ramps
City: Los Gatos
Control: Signalized

Project ID: 22-080174-004
Date: 5/19/2022

Data - Total

NS/EW Streets:	Bascom Ave				Bascom Ave				SR 85 SB Ramps				SR 85 SB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	3	0	0	2	2	0	0	1.3	0.3	0.3	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	79	33	0	19	90	0	1	8	0	26	0	0	0	0	0	256
7:15 AM	0	109	31	0	22	81	0	0	6	0	39	0	0	0	0	0	288
7:30 AM	0	136	38	0	37	128	0	0	23	0	30	0	0	0	0	0	392
7:45 AM	0	152	43	0	25	221	0	0	35	0	50	0	0	0	0	0	526
8:00 AM	0	156	47	0	23	196	0	0	37	0	59	0	0	0	0	0	518
8:15 AM	0	173	69	0	19	192	0	0	25	0	47	0	0	0	0	0	525
8:30 AM	0	160	64	0	19	179	0	1	37	1	53	0	0	0	0	0	514
8:45 AM	0	136	61	0	19	168	0	2	23	0	65	0	0	0	0	0	474
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1101	386	0	183	1255	0	4	194	1	369	0	0	0	0	0	3493
APPROACH %'s :	0.00%	74.04%	25.96%	0.00%	12.69%	87.03%	0.00%	0.28%	34.40%	0.18%	65.43%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	641	223	0	86	788	0	1	134	1	209	0	0	0	0	0	2083
PEAK HR FACTOR :	0.000	0.926	0.808	0.000	0.860	0.891	0.000	0.250	0.905	0.250	0.886	0.000	0.000	0.000	0.000	0.000	0.990
		0.893				0.889				0.896							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	3	0	0	2	2	0	0	1.3	0.3	0.3	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	213	131	0	41	179	0	5	68	18	60	0	0	0	0	0	715
4:15 PM	0	192	117	0	28	143	0	2	66	26	63	0	0	0	0	0	637
4:30 PM	0	200	108	0	27	166	0	2	67	23	67	0	0	0	0	0	660
4:45 PM	0	207	84	0	25	158	0	0	99	40	58	0	0	0	0	0	671
5:00 PM	0	239	119	0	33	128	0	3	101	32	89	0	0	0	0	0	744
5:15 PM	0	245	101	0	36	139	0	0	91	38	65	0	0	0	0	0	715
5:30 PM	0	190	96	0	30	136	0	1	93	38	84	0	0	0	0	0	668
5:45 PM	0	157	86	0	29	134	0	1	75	36	74	0	0	0	0	0	592
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1643	842	0	249	1183	0	14	660	251	560	0	0	0	0	0	5402
APPROACH %'s :	0.00%	66.12%	33.88%	0.00%	17.22%	81.81%	0.00%	0.97%	44.87%	17.06%	38.07%	0.00%					
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	881	400	0	124	561	0	4	384	148	296	0	0	0	0	0	2798
PEAK HR FACTOR :	0.000	0.899	0.840	0.000	0.861	0.888	0.000	0.333	0.950	0.925	0.831	0.000	0.000	0.000	0.000	0.000	0.940
		0.895				0.941				0.932							

National Data & Surveying Services Intersection Turning Movement Count

Location: Bascom Ave/Los Gatos Blvd & Samaritan Dr
City: Los Gatos
Control: Signalized

Project ID: 22-080174-005
Date: 5/19/2022

Data - Total

NS/EW Streets:	Bascom Ave/Los Gatos Blvd				Bascom Ave/Los Gatos Blvd				Samaritan Dr				Samaritan Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	1	0	2	2	1	0	0	1	0	0	1.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	6	65	25	0	44	63	2	0	6	2	4	0	19	3	45	0	284
7:15 AM	4	90	14	0	48	67	1	0	0	5	4	0	17	3	50	0	303
7:30 AM	5	95	33	0	67	84	2	0	7	3	8	0	55	7	68	1	435
7:45 AM	9	111	60	0	109	150	3	0	6	5	6	0	44	1	79	0	583
8:00 AM	5	115	62	0	124	125	2	0	3	5	5	0	53	2	85	4	590
8:15 AM	2	165	54	1	108	126	6	0	6	9	6	0	40	7	80	1	611
8:30 AM	8	148	43	1	103	116	6	0	5	6	4	0	38	9	69	0	556
8:45 AM	8	120	56	0	105	117	2	0	6	4	9	0	34	4	62	5	532
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	47	909	347	2	708	848	24	0	39	39	46	0	300	36	538	11	3894
APPROACH %'s :	3.60%	69.66%	26.59%	0.15%	44.81%	53.67%	1.52%	0.00%	31.45%	31.45%	37.10%	0.00%	33.90%	4.07%	60.79%	1.24%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	24	539	219	2	444	517	17	0	20	25	21	0	175	19	313	5	2340
PEAK HR FACTOR :	0.667	0.817	0.883	0.500	0.895	0.862	0.708	0.000	0.833	0.694	0.875	0.000	0.825	0.528	0.921	0.313	0.957
	0.883				0.933				0.786				0.889				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	1	0	2	2	1	0	0	1	0	0	1.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	2	244	58	0	106	129	1	0	4	0	2	0	53	2	104	1	706
4:15 PM	7	197	49	1	97	110	0	0	8	5	3	0	54	5	98	1	635
4:30 PM	3	191	46	0	83	132	3	0	6	4	4	0	63	5	111	2	653
4:45 PM	3	191	43	3	87	128	2	0	4	3	3	0	58	4	94	0	623
5:00 PM	2	244	35	1	103	117	2	0	14	2	9	0	61	3	118	2	713
5:15 PM	6	243	50	0	77	121	3	0	11	2	6	0	48	4	85	0	656
5:30 PM	2	209	42	0	75	124	1	0	7	2	4	0	28	2	67	0	563
5:45 PM	4	174	40	0	97	116	4	0	9	3	7	0	38	1	53	0	546
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	29	1693	363	5	725	977	16	0	63	21	38	0	403	26	730	6	5095
APPROACH %'s :	1.39%	81.00%	17.37%	0.24%	42.20%	56.87%	0.93%	0.00%	51.64%	17.21%	31.15%	0.00%	34.59%	2.23%	62.66%	0.52%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	14	869	174	4	350	498	10	0	35	11	22	0	230	16	408	4	2645
PEAK HR FACTOR :	0.583	0.890	0.870	0.333	0.850	0.943	0.833	0.000	0.625	0.688	0.611	0.000	0.913	0.800	0.864	0.500	0.927
	0.887				0.966				0.680				0.894				

National Data & Surveying Services Intersection Turning Movement Count

Location: National Ave & Samaritan Dr
City: Los Gatos
Control: 1-Way Stop(NB)

Project ID: 22-080174-006
Date: 5/19/2022

Data - Total

NS/EW Streets:	National Ave				National Ave				Samaritan Dr				Samaritan Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	8	0	0	0	0	0	0	55	18	0	0	65	0	0	146
7:15 AM	0	0	13	0	0	0	0	0	0	51	16	0	0	73	0	0	153
7:30 AM	0	0	16	0	0	0	0	0	0	69	33	0	0	127	0	0	245
7:45 AM	0	0	19	0	0	0	0	0	0	104	72	0	0	125	0	0	320
8:00 AM	0	0	16	0	0	0	0	0	0	121	69	0	0	143	0	0	349
8:15 AM	1	0	14	0	0	0	0	0	0	112	56	0	0	129	0	0	312
8:30 AM	0	0	22	0	0	0	0	0	0	84	74	0	0	114	0	0	294
8:45 AM	0	0	23	0	0	0	0	0	0	106	67	0	0	106	0	0	302
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	131	0	0	0	0	0	0	702	405	0	0	882	0	0	2121
APPROACH %'s :	0.76%	0.00%	99.24%	0.00%					0.00%	63.41%	36.59%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	1	0	71	0	0	0	0	0	0	421	271	0	0	511	0	0	1275
PEAK HR FACTOR :	0.250	0.000	0.807	0.000	0.000	0.000	0.000	0.000	0.000	0.870	0.916	0.000	0.000	0.893	0.000	0.000	0.913
	0.818								0.911				0.893				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	35	0	0	0	0	0	0	120	50	0	0	163	0	0	368
4:15 PM	0	0	24	0	0	0	0	0	0	103	45	0	0	156	0	0	328
4:30 PM	0	0	40	0	0	0	0	0	0	99	38	0	0	184	0	0	361
4:45 PM	0	0	27	0	0	0	0	0	0	97	38	0	0	152	0	0	314
5:00 PM	0	0	37	0	0	0	0	0	0	94	39	0	0	188	0	0	358
5:15 PM	0	0	37	0	0	0	0	0	0	95	37	0	0	134	0	0	303
5:30 PM	0	0	16	0	0	0	0	0	0	94	30	0	0	102	0	0	242
5:45 PM	0	0	20	0	0	0	0	0	0	93	46	0	0	88	0	0	247
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	236	0	0	0	0	0	0	795	323	0	0	1167	0	0	2521
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%					0.00%	71.11%	28.89%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	0	0	126	0	0	0	0	0	0	419	171	0	0	655	0	0	1371
PEAK HR FACTOR :	0.000	0.000	0.788	0.000	0.000	0.000	0.000	0.000	0.000	0.873	0.855	0.000	0.000	0.890	0.000	0.000	0.931
	0.788								0.868				0.890				

National Data & Surveying Services Intersection Turning Movement Count

Location: Samaritan Ct & Samaritan Dr
City: San Jose
Control: 1-Way Stop(NB)

Project ID: 22-080174-007
Date: 5/19/2022

Data - Total

NS/EW Streets:	Samaritan Ct				Samaritan Ct				Samaritan Dr				Samaritan Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	30	1	0	0	64	0	0	95
7:15 AM	0	0	1	0	0	0	0	0	0	27	1	0	2	68	0	0	99
7:30 AM	2	0	0	0	0	0	0	0	0	35	2	0	1	125	0	0	165
7:45 AM	1	0	2	0	0	0	0	0	0	54	4	0	2	132	0	0	195
8:00 AM	1	0	0	0	0	0	0	0	0	55	3	0	2	147	0	0	208
8:15 AM	5	0	1	0	0	0	0	0	0	40	7	0	4	128	0	0	185
8:30 AM	2	0	2	0	0	0	0	0	0	41	2	0	0	111	0	0	158
8:45 AM	5	0	0	0	0	0	0	0	0	61	1	0	1	90	0	0	158
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	16	0	6	0	0	0	0	0	0	343	21	0	12	865	0	0	1263
APPROACH %'s :	72.73%	0.00%	27.27%	0.00%					0.00%	94.23%	5.77%	0.00%	1.37%	98.63%	0.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	9	0	3	0	0	0	0	0	0	184	16	0	9	532	0	0	753
PEAK HR FACTOR :	0.450	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.836	0.571	0.000	0.563	0.905	0.000	0.000	0.905
	0.500								0.862				0.908				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	3	0	0	0	0	0	0	0	0	125	0	0	0	77	0	0	205
4:15 PM	3	0	2	0	0	0	0	0	0	106	1	0	1	80	0	0	193
4:30 PM	3	0	1	0	0	0	0	0	0	103	1	0	0	85	0	0	193
4:45 PM	0	0	0	0	0	0	0	0	0	110	0	1	1	61	0	0	173
5:00 PM	4	0	2	0	0	0	0	0	0	126	2	0	0	86	0	0	220
5:15 PM	1	0	0	0	0	0	0	0	0	103	0	0	0	62	0	0	166
5:30 PM	0	0	0	0	0	0	0	0	0	100	0	0	0	53	0	0	153
5:45 PM	1	0	0	0	0	0	0	0	0	98	0	0	0	40	0	0	139
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	15	0	5	0	0	0	0	0	0	871	4	1	2	544	0	0	1442
APPROACH %'s :	75.00%	0.00%	25.00%	0.00%					0.00%	99.43%	0.46%	0.11%	0.37%	99.63%	0.00%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																TOTAL
PEAK HR VOL :	10	0	5	0	0	0	0	0	0	445	4	1	2	312	0	0	779
PEAK HR FACTOR :	0.625	0.000	0.625	0.000	0.000	0.000	0.000	0.000	0.000	0.883	0.500	0.250	0.500	0.907	0.000	0.000	0.885
	0.625								0.879				0.913				

National Data & Surveying Services Intersection Turning Movement Count

Location: Kinghurst Dr & Samaritan Dr
City: San Jose
Control: 1-Way Stop(NB)

Project ID: 22-080174-008
Date: 5/19/2022

Data - Total

NS/EW Streets:	Kinghurst Dr				Kinghurst Dr				Samaritan Dr				Samaritan Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	16	0	3	0	0	0	0	0	0	31	1	0	4	49	0	0	104
7:15 AM	11	0	5	0	0	0	0	0	0	24	4	0	8	58	0	0	110
7:30 AM	9	0	3	0	0	0	0	0	0	31	3	0	9	119	0	0	174
7:45 AM	16	0	10	0	0	0	0	0	0	50	6	0	26	117	0	0	225
8:00 AM	21	0	12	0	0	0	0	0	0	44	9	0	31	128	0	0	245
8:15 AM	28	0	7	0	0	0	0	0	0	36	5	0	18	104	0	0	198
8:30 AM	10	0	4	0	0	0	0	0	0	38	4	1	9	101	0	0	167
8:45 AM	10	0	5	0	0	0	0	0	0	56	6	1	9	79	0	0	166
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	121	0	49	0	0	0	0	0	0	310	38	2	114	755	0	0	1389
APPROACH %'s :	71.18%	0.00%	28.82%	0.00%					0.00%	88.57%	10.86%	0.57%	13.12%	86.88%	0.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	74	0	32	0	0	0	0	0	0	161	23	0	84	468	0	0	842
PEAK HR FACTOR :	0.661	0.000	0.667	0.000	0.000	0.000	0.000	0.000	0.000	0.805	0.639	0.000	0.677	0.914	0.000	0.000	0.859
	0.757								0.821				0.868				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	10	0	6	0	0	0	0	0	0	111	8	0	6	67	0	0	208
4:15 PM	9	0	8	0	0	0	0	0	0	97	17	0	3	71	0	0	205
4:30 PM	7	0	5	0	0	0	0	0	0	93	8	0	9	79	0	0	201
4:45 PM	10	0	1	0	0	0	0	0	0	104	9	0	3	51	0	0	178
5:00 PM	26	0	18	0	0	0	0	0	0	114	12	0	4	60	0	0	234
5:15 PM	13	0	4	0	0	0	0	0	0	102	3	0	3	48	0	0	173
5:30 PM	12	0	5	0	0	0	0	0	0	92	8	0	3	43	0	0	163
5:45 PM	7	0	3	0	0	0	0	0	0	86	8	0	5	31	0	0	140
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	94	0	50	0	0	0	0	0	0	799	73	0	36	450	0	0	1502
APPROACH %'s :	65.28%	0.00%	34.72%	0.00%					0.00%	91.63%	8.37%	0.00%	7.41%	92.59%	0.00%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																TOTAL
PEAK HR VOL :	52	0	32	0	0	0	0	0	0	408	46	0	19	261	0	0	818
PEAK HR FACTOR :	0.500	0.000	0.444	0.000	0.000	0.000	0.000	0.000	0.000	0.895	0.676	0.000	0.528	0.826	0.000	0.000	0.874
	0.477								0.901				0.795				

National Data & Surveying Services Intersection Turning Movement Count

Location: Samaritan Pl & Samaritan Dr
City: San Jose
Control: 1-Way Stop(SB)

Project ID: 22-080174-009
Date: 5/19/2022

Data - Total

NS/EW Streets:	Samaritan Pl				Samaritan Pl				Samaritan Dr				Samaritan Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	1	0	1	9	0	0	0	81	0	0	92
7:15 AM	0	0	0	0	1	0	4	0	1	11	0	0	0	97	2	0	116
7:30 AM	0	0	0	0	0	0	9	0	3	37	0	0	0	114	3	0	166
7:45 AM	0	0	0	0	2	0	7	0	4	32	0	0	0	197	6	0	248
8:00 AM	0	0	0	0	1	0	3	0	1	36	0	0	0	190	0	0	231
8:15 AM	0	0	0	0	1	0	5	0	5	24	0	0	0	165	2	0	202
8:30 AM	0	0	0	0	2	0	6	0	0	26	0	0	0	154	5	0	193
8:45 AM	0	0	0	0	1	0	4	0	2	21	0	0	0	119	2	0	149
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	8	0	39	0	17	196	0	0	0	1117	20	0	1397
APPROACH %'s :					17.02%	0.00%	82.98%	0.00%	7.98%	92.02%	0.00%	0.00%	0.00%	98.24%	1.76%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	6	0	21	0	10	118	0	0	0	706	13	0	874
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.750	0.000	0.750	0.000	0.500	0.819	0.000	0.000	0.000	0.896	0.542	0.000	0.881
					0.750				0.865				0.885				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	0	0	4	0	5	137	0	0	0	46	1	0	193
4:15 PM	0	0	0	0	2	0	5	0	3	116	0	1	0	27	2	0	156
4:30 PM	0	0	0	0	1	0	3	0	2	109	0	1	0	33	0	0	149
4:45 PM	0	0	0	0	0	0	1	0	3	119	0	0	0	23	0	0	146
5:00 PM	0	0	0	0	3	0	2	0	1	184	0	0	0	21	2	0	213
5:15 PM	0	0	0	0	2	0	1	0	3	135	0	0	0	29	1	0	171
5:30 PM	0	0	0	0	2	0	4	0	1	108	0	0	0	22	3	0	140
5:45 PM	0	0	0	0	2	0	2	0	4	82	0	0	0	23	0	0	113
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	12	0	22	0	22	990	0	2	0	224	9	0	1281
APPROACH %'s :					35.29%	0.00%	64.71%	0.00%	2.17%	97.63%	0.00%	0.20%	0.00%	96.14%	3.86%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	6	0	7	0	9	547	0	1	0	106	3	0	679
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.500	0.000	0.583	0.000	0.750	0.743	0.000	0.250	0.000	0.803	0.375	0.000	0.797
					0.650				0.753				0.826				

National Data & Surveying Services Intersection Turning Movement Count

Location: SR 85 SB Off-Ramp & Samaritan Dr
City: San Jose
Control: Signalized

Project ID: 22-080174-010
Date: 5/19/2022

Data - Total

NS/EW Streets:	SR 85 SB Off-Ramp				SR 85 SB Off-Ramp				Samaritan Dr				Samaritan Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	2	0	1	0	0	2	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	66	0	28	0	0	29	0	0	0	45	0	0	168
7:15 AM	0	0	0	0	72	0	44	0	0	24	0	0	0	61	0	0	201
7:30 AM	0	0	0	0	118	0	48	0	0	53	0	0	0	59	0	0	278
7:45 AM	0	0	0	0	205	0	76	0	0	59	0	0	0	183	0	0	523
8:00 AM	0	0	0	0	157	0	56	0	0	66	0	0	0	163	0	0	442
8:15 AM	0	0	0	0	141	0	66	0	0	40	0	0	0	121	0	0	368
8:30 AM	0	0	0	0	126	0	48	0	0	39	0	0	0	111	0	0	324
8:45 AM	0	0	0	0	123	0	41	0	0	35	0	0	0	90	0	0	289
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	1008	0	407	0	0	345	0	0	0	833	0	0	2593
APPROACH %'s :					71.24%	0.00%	28.76%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	629	0	246	0	0	204	0	0	0	578	0	0	1657
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.767	0.000	0.809	0.000	0.000	0.773	0.000	0.000	0.000	0.790	0.000	0.000	0.792
					0.778				0.773				0.790				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	2	0	1	0	0	2	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	138	0	16	0	0	137	0	0	0	51	0	0	342
4:15 PM	0	0	0	0	131	0	6	0	0	116	0	0	0	41	0	0	294
4:30 PM	0	0	0	0	112	0	5	0	0	105	0	0	0	35	0	0	257
4:45 PM	0	0	0	0	131	0	5	0	0	121	0	0	0	34	0	0	291
5:00 PM	0	0	0	0	98	0	10	0	0	188	0	0	0	29	0	0	325
5:15 PM	0	0	0	0	108	0	13	0	0	137	0	0	0	37	0	0	295
5:30 PM	0	0	0	0	90	0	8	0	0	105	0	0	0	25	0	0	228
5:45 PM	0	0	0	0	120	0	8	0	0	82	0	0	0	24	0	0	234
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	928	0	71	0	0	991	0	0	0	276	0	0	2266
APPROACH %'s :					92.89%	0.00%	7.11%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	0	0	0	0	512	0	32	0	0	479	0	0	0	161	0	0	1184
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.928	0.000	0.500	0.000	0.000	0.874	0.000	0.000	0.000	0.789	0.000	0.000	0.865
					0.883				0.874				0.789				

National Data & Surveying Services Intersection Turning Movement Count

Location: Union Ave & Camden Ave
City: San Jose
Control: Signalized

Project ID: 22-080174-011
Date: 5/19/2022

Data - Total

NS/EW Streets:	Union Ave				Union Ave				Camden Ave				Camden Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	1	0	1	3	0	0	1	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	21	30	10	0	29	35	13	0	2	91	12	0	19	215	12	0	489
7:15 AM	35	24	22	0	34	41	15	0	4	106	24	0	36	379	34	0	754
7:30 AM	55	45	12	0	20	76	21	0	4	127	33	0	49	485	35	0	962
7:45 AM	75	62	24	0	25	76	20	0	28	192	52	0	65	506	43	1	1169
8:00 AM	70	98	23	0	29	63	13	0	12	143	47	0	58	401	43	0	1000
8:15 AM	58	71	22	0	20	73	27	0	26	187	16	2	50	411	55	1	1019
8:30 AM	68	61	21	0	32	56	17	0	10	136	19	1	52	431	55	1	960
8:45 AM	50	71	29	0	34	61	12	0	15	142	21	0	51	338	44	1	869
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	432	462	163	0	223	481	138	0	101	1124	224	3	380	3166	321	4	7222
APPROACH %'s :	40.87%	43.71%	15.42%	0.00%	26.48%	57.13%	16.39%	0.00%	6.96%	77.41%	15.43%	0.21%	9.82%	81.79%	8.29%	0.10%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	258	276	81	0	94	288	81	0	70	649	148	2	222	1803	176	2	4150
PEAK HR FACTOR :	0.860	0.704	0.844	0.000	0.810	0.947	0.750	0.000	0.625	0.845	0.712	0.250	0.854	0.891	0.800	0.500	0.888
	0.805				0.957				0.799				0.896				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	1	0	1	3	0	0	1	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	53	59	46	0	76	100	20	0	16	497	67	1	37	151	34	3	1160
4:15 PM	42	80	42	0	72	89	13	0	16	478	66	3	36	175	42	2	1156
4:30 PM	42	82	43	0	85	108	27	0	16	468	67	1	40	161	42	0	1182
4:45 PM	45	90	50	0	85	102	15	0	24	462	82	2	36	152	38	1	1184
5:00 PM	47	90	46	0	71	127	14	0	12	458	84	4	34	150	34	0	1171
5:15 PM	42	92	51	0	65	123	25	0	13	492	71	0	24	156	46	3	1203
5:30 PM	34	83	35	0	72	102	22	0	13	477	85	0	26	157	45	1	1152
5:45 PM	37	103	46	0	61	128	15	0	22	485	91	0	29	126	30	1	1174
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	342	679	359	0	587	879	151	0	132	3817	613	11	262	1228	311	11	9382
APPROACH %'s :	24.78%	49.20%	26.01%	0.00%	36.30%	54.36%	9.34%	0.00%	2.89%	83.47%	13.40%	0.24%	14.46%	67.77%	17.16%	0.61%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	176	354	190	0	306	460	81	0	65	1880	304	7	134	619	160	4	4740
PEAK HR FACTOR :	0.936	0.962	0.931	0.000	0.900	0.906	0.750	0.000	0.677	0.955	0.905	0.438	0.838	0.961	0.870	0.333	0.985
	0.973				0.963				0.979				0.943				

National Data & Surveying Services Intersection Turning Movement Count

Location: Union Ave & SR 85 NB Ramps
City: San Jose
Control: Signalized

Project ID: 22-080174-012
Date: 5/19/2022

Data - Total

NS/EW Streets:	Union Ave				Union Ave				SR 85 NB Ramps				SR 85 NB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	0	0	0	2	1	0	2	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	104	48	0	0	0	55	36	0	36	0	40	0	0	0	0	0	319
7:15 AM	118	96	0	0	0	77	40	0	29	0	54	0	0	0	0	0	414
7:30 AM	88	117	0	1	0	119	42	0	41	0	53	0	0	0	0	0	461
7:45 AM	68	187	0	1	0	275	41	0	68	0	95	0	0	0	0	0	735
8:00 AM	80	240	0	1	0	231	72	0	39	0	81	0	0	0	0	0	744
8:15 AM	82	200	0	1	0	115	36	0	33	0	99	0	0	0	0	0	566
8:30 AM	73	168	0	2	0	132	25	0	44	0	75	0	0	0	0	0	519
8:45 AM	105	143	0	0	0	109	39	0	62	0	92	0	0	0	0	0	550
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	718	1199	0	6	0	1113	331	0	352	0	589	0	0	0	0	0	4308
APPROACH %'s :	37.34%	62.35%	0.00%	0.31%	0.00%	77.08%	22.92%	0.00%	37.41%	0.00%	62.59%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	303	795	0	5	0	753	174	0	184	0	350	0	0	0	0	0	2564
PEAK HR FACTOR :	0.924	0.828	0.000	0.625	0.000	0.685	0.604	0.000	0.676	0.000	0.884	0.000	0.000	0.000	0.000	0.000	0.862
	0.859				0.733				0.819								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	0	0	0	2	1	0	2	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	71	136	0	0	0	170	92	0	51	0	85	1	0	0	0	0	606
4:15 PM	96	148	0	1	0	195	75	0	59	0	79	1	0	0	0	0	654
4:30 PM	81	132	0	0	0	196	84	0	42	0	75	0	0	0	0	0	610
4:45 PM	88	122	0	0	0	206	58	0	53	0	66	1	0	0	0	0	594
5:00 PM	100	135	0	1	0	219	98	0	46	0	59	0	0	0	0	0	658
5:15 PM	98	136	0	0	0	221	75	0	64	0	82	0	0	0	0	0	676
5:30 PM	92	110	0	0	0	192	67	0	51	0	64	0	0	0	0	0	576
5:45 PM	82	121	0	0	0	231	75	0	60	0	59	0	0	0	0	0	628
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	708	1040	0	2	0	1630	624	0	426	0	569	3	0	0	0	0	5002
APPROACH %'s :	40.46%	59.43%	0.00%	0.11%	0.00%	72.32%	27.68%	0.00%	42.69%	0.00%	57.01%	0.30%					
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	372	502	0	1	0	863	315	0	221	0	264	0	0	0	0	0	2538
PEAK HR FACTOR :	0.930	0.923	0.000	0.250	0.000	0.934	0.804	0.000	0.863	0.000	0.805	0.000	0.000	0.000	0.000	0.000	0.939
	0.927				0.929				0.830								

National Data & Surveying Services Intersection Turning Movement Count

Location: Union Ave & SR 85 SB Ramps
City: San Jose
Control: Signalized

Project ID: 22-080174-013
Date: 5/19/2022

Data - Total

NS/EW Streets:	Union Ave				Union Ave				SR 85 SB Ramps				SR 85 SB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	1	0	2	2	1	0	1.5	0.5	1	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	14	105	28	0	31	36	31	0	41	9	46	0	0	0	0	0	341
7:15 AM	11	135	25	0	26	51	51	0	45	9	40	0	0	0	0	0	393
7:30 AM	14	119	32	0	49	84	43	0	67	19	86	0	0	0	0	0	513
7:45 AM	39	117	45	0	64	156	148	0	120	20	125	0	0	0	0	0	834
8:00 AM	39	191	57	0	52	144	120	0	105	15	95	0	0	0	0	0	818
8:15 AM	39	200	43	0	32	98	85	0	74	20	95	0	0	0	0	0	686
8:30 AM	33	156	44	0	44	84	75	0	65	15	83	0	0	0	0	0	599
8:45 AM	15	152	38	0	32	93	79	0	76	10	74	0	0	0	0	0	569
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	204	1175	312	0	330	746	632	0	593	117	644	0	0	0	0	0	4753
APPROACH %'s :	12.06%	69.49%	18.45%	0.00%	19.32%	43.68%	37.00%	0.00%	43.80%	8.64%	47.56%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	150	664	189	0	192	482	428	0	364	70	398	0	0	0	0	0	2937
PEAK HR FACTOR :	0.962	0.830	0.829	0.000	0.750	0.772	0.723	0.000	0.758	0.875	0.796	0.000	0.000	0.000	0.000	0.000	0.880
	0.874				0.749				0.785								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	1	0	2	2	1	0	1.5	0.5	1	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	16	120	54	0	55	159	38	0	111	54	111	0	0	0	0	0	718
4:15 PM	8	158	37	0	69	174	35	0	98	49	97	0	0	0	0	0	725
4:30 PM	4	160	53	0	59	179	27	0	86	58	78	0	0	0	0	0	704
4:45 PM	4	138	45	0	66	179	28	0	82	53	108	0	0	0	0	0	703
5:00 PM	4	160	52	0	77	180	27	0	98	89	102	0	0	0	0	0	789
5:15 PM	3	148	40	0	87	175	31	0	107	43	99	0	0	0	0	0	733
5:30 PM	10	146	50	0	71	174	17	0	80	29	84	0	0	0	0	0	661
5:45 PM	4	140	34	0	100	171	22	0	89	33	81	0	0	0	0	0	674
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	53	1170	365	0	584	1391	225	0	751	408	760	0	0	0	0	0	5707
APPROACH %'s :	3.34%	73.68%	22.98%	0.00%	26.55%	63.23%	10.23%	0.00%	39.13%	21.26%	39.60%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	15	606	190	0	289	713	113	0	373	243	387	0	0	0	0	0	2929
PEAK HR FACTOR :	0.938	0.947	0.896	0.000	0.830	0.990	0.911	0.000	0.871	0.683	0.896	0.000	0.000	0.000	0.000	0.000	0.928
	0.934				0.951				0.868								

National Data & Surveying Services Intersection Turning Movement Count

Location: Union Ave & Los Gatos Almaden Rd
City: Los Gatos
Control: Signalized

Project ID: 22-080174-014
Date: 5/19/2022

Data - Total

NS/EW Streets:	Union Ave				Union Ave				Los Gatos Almaden Rd				Los Gatos Almaden Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	1	1	1	0	1	1	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	8	64	4	0	17	27	11	0	18	7	5	0	5	13	30	0	209
7:15 AM	11	81	3	0	14	27	19	0	25	12	1	0	2	23	23	0	241
7:30 AM	17	73	7	0	47	50	32	0	27	39	8	0	6	42	32	0	380
7:45 AM	36	85	17	0	72	100	44	0	37	80	16	0	8	87	41	0	623
8:00 AM	41	71	10	0	32	82	63	0	58	90	23	0	21	125	50	0	666
8:15 AM	39	76	25	0	35	83	58	0	59	102	41	0	11	102	44	0	675
8:30 AM	20	69	14	0	14	65	34	0	53	43	18	0	15	63	58	0	466
8:45 AM	29	80	7	0	19	59	33	0	27	15	9	0	10	51	41	1	381
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	201	599	87	0	250	493	294	0	304	388	121	0	78	506	319	1	3641
APPROACH %'s :	22.66%	67.53%	9.81%	0.00%	24.11%	47.54%	28.35%	0.00%	37.39%	47.72%	14.88%	0.00%	8.63%	55.97%	35.29%	0.11%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	136	301	66	0	153	330	199	0	207	315	98	0	55	377	193	0	2430
PEAK HR FACTOR :	0.829	0.885	0.660	0.000	0.531	0.825	0.790	0.000	0.877	0.772	0.598	0.000	0.655	0.754	0.832	0.000	0.900
	0.898				0.789				0.767				0.797				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	1	1	1	0	1	1	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	15	69	8	0	41	135	30	0	60	58	32	0	7	29	23	0	507
4:15 PM	24	84	12	0	44	124	47	0	39	34	31	0	17	24	29	0	509
4:30 PM	14	60	8	0	46	102	39	0	58	58	22	0	8	43	33	0	491
4:45 PM	16	54	15	0	53	116	52	0	42	82	27	0	15	50	33	0	555
5:00 PM	9	55	8	0	71	123	46	0	57	96	31	0	7	45	33	0	581
5:15 PM	13	43	16	0	51	125	59	0	55	77	36	0	17	35	35	0	562
5:30 PM	12	64	10	0	46	90	56	0	68	77	23	0	10	40	31	0	527
5:45 PM	14	70	7	0	55	103	41	0	30	43	21	0	13	26	23	0	446
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	117	499	84	0	407	918	370	0	409	525	223	0	94	292	240	0	4178
APPROACH %'s :	16.71%	71.29%	12.00%	0.00%	24.01%	54.16%	21.83%	0.00%	35.35%	45.38%	19.27%	0.00%	15.02%	46.65%	38.34%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	50	216	49	0	221	454	213	0	222	332	117	0	49	170	132	0	2225
PEAK HR FACTOR :	0.781	0.844	0.766	0.000	0.778	0.908	0.903	0.000	0.816	0.865	0.813	0.000	0.721	0.850	0.943	0.000	0.957
	0.916				0.925				0.912				0.895				

National Data & Surveying Services Intersection Turning Movement Count

Location: SR 17 SB Ramps & San Tomas Expy
City: Campbell
Control: Signalized

Project ID: 22-080174-015
Date: 5/19/2022

Data - Total

NS/EW Streets:	SR 17 SB Ramps				SR 17 SB Ramps				San Tomas Expy				San Tomas Expy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	2.5	0.5	1	0	0	4	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	97	2	143	0	0	188	123	0	53	311	0	0	917
7:15 AM	0	0	0	0	106	0	176	0	0	261	151	0	83	481	0	1	1259
7:30 AM	0	0	0	0	122	0	211	0	0	283	219	0	64	529	0	0	1428
7:45 AM	0	0	0	0	137	0	274	0	0	412	276	0	72	689	0	0	1860
8:00 AM	0	0	0	0	171	1	250	0	0	379	263	0	89	630	0	0	1783
8:15 AM	0	0	0	0	126	1	225	0	0	422	248	0	85	685	0	0	1792
8:30 AM	0	0	0	0	109	0	178	0	0	403	228	0	64	606	0	0	1588
8:45 AM	0	0	0	0	127	0	175	0	0	308	211	0	72	560	0	0	1453
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	995	4	1632	0	0	2656	1719	0	582	4491	0	1	12080
APPROACH %'s :					37.82%	0.15%	62.03%	0.00%	0.00%	60.71%	39.29%	0.00%	11.47%	88.51%	0.00%	0.02%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	543	2	927	0	0	1616	1015	0	310	2610	0	0	7023
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.794	0.500	0.846	0.000	0.000	0.957	0.919	0.000	0.871	0.947	0.000	0.000	0.944
					0.872				0.956				0.948				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	2.5	0.5	1	0	0	4	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	264	0	166	0	0	687	187	0	51	365	0	0	1720
4:15 PM	0	0	0	0	193	3	194	0	0	709	200	0	39	400	0	0	1738
4:30 PM	0	0	0	0	217	0	189	0	0	718	213	0	35	377	0	0	1749
4:45 PM	0	0	0	0	207	2	172	0	0	592	212	0	55	427	0	0	1667
5:00 PM	0	0	0	0	218	1	175	0	0	658	206	0	38	398	0	0	1694
5:15 PM	0	0	0	0	181	0	198	0	0	737	197	0	55	427	0	0	1795
5:30 PM	0	0	0	0	199	0	141	0	0	658	149	0	37	409	0	1	1594
5:45 PM	0	0	0	0	197	0	163	0	0	663	154	0	40	353	0	0	1570
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	1676	6	1398	0	0	5422	1518	0	350	3156	0	1	13527
APPROACH %'s :					54.42%	0.19%	45.39%	0.00%	0.00%	78.13%	21.87%	0.00%	9.98%	89.99%	0.00%	0.03%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	823	3	734	0	0	2705	828	0	183	1629	0	0	6905
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.944	0.375	0.927	0.000	0.000	0.918	0.972	0.000	0.832	0.954	0.000	0.000	0.962
					0.961				0.946				0.940				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 17 NB Ramps/Curtner Ave & Camden Ave
City: Campbell
Control: Signalized

Project ID: 22-080174-016
Date: 5/19/2022

Data - Total

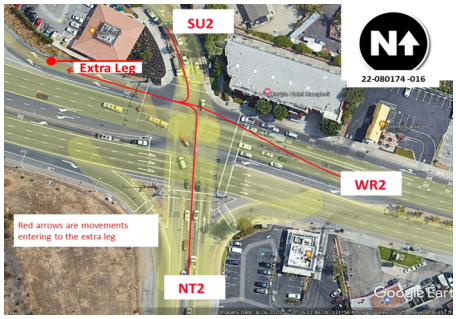
NS/EW Streets:	SR 17 NB Ramps/Curtner Ave					SR 17 NB Ramps/Curtner Ave					Camden Ave				Camden Ave					
AM	NORTHBOUND					SOUTHBOUND					EASTBOUND				WESTBOUND					
	2	1	1	0	0	0.5	0.5	1	0	0	1	3	1	0	1	4.5	0.5	0	0	
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	SU2	EL	ET	ER	EU	WL	WT	WR	WU	WR2	TOTAL
7:00 AM	105	21	13	0	2	5	0	75	0	26	45	137	110	0	0	210	1	3	37	790
7:15 AM	107	26	14	0	4	2	1	99	0	26	44	160	158	0	1	347	0	2	80	1071
7:30 AM	122	35	18	0	6	4	2	107	0	32	49	185	176	1	0	371	0	1	111	1220
7:45 AM	160	38	17	0	0	2	3	83	0	36	50	207	196	0	0	506	0	3	123	1514
8:00 AM	191	38	15	0	2	3	2	78	0	45	62	271	219	0	0	448	6	1	119	1500
8:15 AM	173	28	16	0	1	1	3	98	0	32	70	254	216	0	2	496	5	4	116	1515
8:30 AM	135	18	16	0	7	6	2	80	0	33	59	261	200	0	0	463	4	1	130	1415
8:45 AM	177	43	27	0	0	3	5	88	0	38	59	219	155	0	1	357	6	1	94	1273
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	SU2	EL	ET	ER	EU	WL	WT	WR	WU	WR2	TOTAL
TOTAL VOLUMES :	1170	247	136	0	22	26	18	708	0	268	438	1784	1430	1	4	3198	22	16	810	10298
APPROACH %'s :	74.29%	15.68%	8.63%	0.00%	1.40%	2.55%	1.76%	69.41%	0.00%	26.27%	11.99%	48.84%	39.15%	0.03%	0.10%	78.96%	0.54%	0.40%	20.00%	
PEAK HR :	07:45 AM - 08:45 AM																			TOTAL
PEAK HR VOL :	659	122	64	0	10	12	10	339	0	146	241	1083	831	0	2	1913	15	9	488	5944
PEAK HR FACTOR :	0.863	0.803	0.941	0.000	0.357	0.500	0.833	0.865	0.000	0.811	0.861	0.912	0.949	0.000	0.250	0.945	0.625	0.563	0.938	0.981
			0.869					0.946					0.976				0.960			

PM	NORTHBOUND					SOUTHBOUND					EASTBOUND				WESTBOUND					
	2	1	1	0	0	0.5	0.5	1	0	0	1	3	1	0	1	4.5	0.5	0	0	
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	SU2	EL	ET	ER	EU	WL	WT	WR	WU	WR2	TOTAL
4:00 PM	121	37	35	0	2	3	0	83	0	31	87	669	224	0	2	231	16	9	67	1617
4:15 PM	149	39	41	0	0	4	5	79	0	32	90	549	209	1	2	198	8	9	54	1469
4:30 PM	151	42	36	0	2	9	2	83	0	33	97	613	248	0	0	192	11	3	48	1570
4:45 PM	133	39	40	0	2	11	4	88	0	23	86	574	168	0	1	240	16	3	51	1479
5:00 PM	146	47	36	0	2	9	2	83	0	16	94	567	205	0	0	217	8	4	39	1475
5:15 PM	143	44	44	0	4	4	0	93	0	17	99	605	220	1	1	236	15	6	34	1566
5:30 PM	151	32	39	0	1	7	3	80	0	13	82	583	177	0	2	248	14	8	25	1465
5:45 PM	160	42	40	0	2	6	1	77	0	14	102	600	171	1	0	137	9	8	29	1399
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	SU2	EL	ET	ER	EU	WL	WT	WR	WU	WR2	TOTAL
TOTAL VOLUMES :	1154	322	311	0	15	53	17	666	0	179	737	4760	1622	3	8	1699	97	50	347	12040
APPROACH %'s :	64.04%	17.87%	17.26%	0.00%	0.83%	5.79%	1.86%	72.79%	0.00%	19.56%	10.35%	66.84%	22.77%	0.04%	0.36%	77.19%	4.41%	2.27%	15.77%	
PEAK HR :	04:00 PM - 05:00 PM																			TOTAL
PEAK HR VOL :	554	157	152	0	6	27	11	333	0	119	360	2405	849	1	5	861	51	24	220	6135
PEAK HR FACTOR :	0.917	0.935	0.927	0.000	0.750	0.614	0.550	0.946	0.000	0.902	0.928	0.899	0.856	0.250	0.625	0.897	0.797	0.667	0.821	0.949
			0.940					0.965					0.922				0.893			

Explanation for extra leg movements

Movements entering the extra leg

SU2	Movements coming from SB on Curtner Ave entering into the Extra Leg (SR 17 Ramps)
WR2	Movements coming from WB on Camden Ave entering into the Extra Leg (SR 17 Ramps)
NT2	Movements coming from NB onSR 17 NB Ramps/Curtner Ave entering into the Extra Leg (SR 17 Ramps)



National Data & Surveying Services Intersection Turning Movement Count

Location: Winchester Blvd & Lark Ave
City: Los Gatos
Control: Signalized

Project ID: 22-080174-017
Date: 5/19/2022

Data - Total

NS/EW Streets:	Winchester Blvd				Winchester Blvd				Lark Ave				Lark Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	1	0	2	2	0	0	0	0	0	0	2	0	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	41	26	0	48	21	0	0	0	0	0	0	21	0	87	0	244
7:15 AM	0	48	22	0	55	27	0	0	0	0	0	0	30	0	107	0	289
7:30 AM	0	59	36	0	73	68	0	0	0	0	0	0	41	0	122	0	399
7:45 AM	0	59	35	0	82	69	0	0	0	0	0	0	63	0	166	0	474
8:00 AM	0	74	60	0	127	63	0	0	0	0	0	0	52	0	188	0	564
8:15 AM	0	93	45	0	100	62	0	0	0	0	0	0	41	0	199	0	540
8:30 AM	0	75	41	0	100	46	0	0	0	0	0	0	60	0	202	0	524
8:45 AM	0	80	49	0	95	52	0	1	0	0	0	0	38	0	192	0	507
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	529	314	0	680	408	0	1	0	0	0	0	346	0	1263	0	3541
APPROACH %'s :	0.00%	62.75%	37.25%	0.00%	62.44%	37.47%	0.00%	0.09%					21.50%	0.00%	78.50%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	322	195	0	422	223	0	1	0	0	0	0	191	0	781	0	2135
PEAK HR FACTOR :	0.000	0.866	0.813	0.000	0.831	0.885	0.000	0.250	0.000	0.000	0.000	0.000	0.796	0.000	0.967	0.000	0.946
		0.937				0.850								0.927			

NS/EW Streets:	Winchester Blvd				Winchester Blvd				Lark Ave				Lark Ave				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	1	0	2	2	0	0	0	0	0	0	2	0	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	80	61	0	137	80	0	1	0	0	0	0	55	0	203	0	617
4:15 PM	0	73	49	0	139	98	0	1	0	0	0	0	50	0	158	0	568
4:30 PM	0	68	45	0	141	91	0	0	0	0	0	0	62	0	123	0	530
4:45 PM	0	74	32	0	171	101	0	1	0	0	0	0	79	0	156	0	614
5:00 PM	0	96	53	0	152	96	0	1	0	0	0	0	48	0	151	0	597
5:15 PM	0	71	42	0	158	81	0	1	0	0	0	0	45	0	159	0	557
5:30 PM	0	59	31	0	149	84	0	0	0	0	0	0	39	0	162	0	524
5:45 PM	0	54	36	0	137	81	0	0	0	0	0	0	46	0	129	0	483
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	575	349	0	1184	712	0	5	0	0	0	0	424	0	1241	0	4490
APPROACH %'s :	0.00%	62.23%	37.77%	0.00%	62.28%	37.45%	0.00%	0.26%					25.47%	0.00%	74.53%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	0	295	187	0	588	370	0	3	0	0	0	0	246	0	640	0	2329
PEAK HR FACTOR :	0.000	0.922	0.766	0.000	0.860	0.916	0.000	0.750	0.000	0.000	0.000	0.000	0.778	0.000	0.788	0.000	0.944
		0.855				0.880								0.859			

National Data & Surveying Services Intersection Turning Movement Count

Location: SR 17 SB Ramps & Lark Ave
City: Los Gatos
Control: Signalized

Project ID: 22-080174-018
Date: 5/19/2022

Data - Total

NS/EW Streets:	SR 17 SB Ramps				SR 17 SB Ramps				Lark Ave				Lark Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	1.5	0.5	1	0	1	2	1	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	4	0	106	3	84	0	3	68	0	0	0	38	11	0	317
7:15 AM	1	1	5	0	98	2	97	0	9	85	3	0	1	51	6	4	363
7:30 AM	0	1	0	0	143	7	97	0	8	115	0	0	3	94	18	2	488
7:45 AM	5	5	15	0	181	5	165	0	15	138	1	0	2	112	26	3	673
8:00 AM	10	8	6	0	152	8	151	0	39	177	2	0	6	151	27	3	740
8:15 AM	4	2	5	0	156	6	172	0	19	145	2	0	8	157	30	3	709
8:30 AM	2	1	5	0	130	4	179	0	11	169	2	0	3	152	21	10	689
8:45 AM	4	0	3	0	139	4	154	0	8	152	3	0	2	126	23	7	625
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	26	18	43	0	1105	39	1099	0	112	1049	13	0	25	881	162	32	4604
APPROACH %'s :	29.89%	20.69%	49.43%	0.00%	49.26%	1.74%	49.00%	0.00%	9.54%	89.35%	1.11%	0.00%	2.27%	80.09%	14.73%	2.91%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	21	16	31	0	619	23	667	0	84	629	7	0	19	572	104	19	2811
PEAK HR FACTOR :	0.525	0.500	0.517	0.000	0.855	0.719	0.932	0.000	0.538	0.888	0.875	0.000	0.594	0.911	0.867	0.475	0.950
	0.680				0.932				0.826				0.902				

NS/EW Streets:	SR 17 SB Ramps				SR 17 SB Ramps				Lark Ave				Lark Ave				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	1.5	0.5	1	0	1	2	1	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	4	1	5	0	183	9	154	0	10	227	3	0	2	139	25	5	767
4:15 PM	3	1	3	0	162	5	130	0	20	234	2	0	6	116	23	5	710
4:30 PM	4	0	12	0	178	7	132	0	20	192	0	0	5	99	22	2	673
4:45 PM	3	7	7	0	182	11	154	0	17	219	1	0	4	163	22	4	794
5:00 PM	2	4	12	0	182	3	113	0	16	240	3	0	2	100	25	4	706
5:15 PM	2	1	10	0	165	4	119	0	22	250	0	0	4	121	23	7	728
5:30 PM	2	2	3	0	166	4	105	0	23	207	1	0	5	103	17	4	642
5:45 PM	4	0	9	0	160	3	131	0	20	206	1	0	6	95	27	7	669
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	24	16	61	0	1378	46	1038	0	148	1775	11	0	34	936	184	38	5689
APPROACH %'s :	23.76%	15.84%	60.40%	0.00%	55.97%	1.87%	42.16%	0.00%	7.65%	91.78%	0.57%	0.00%	2.85%	78.52%	15.44%	3.19%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	14	9	27	0	705	32	570	0	67	872	6	0	17	517	92	16	2944
PEAK HR FACTOR :	0.875	0.321	0.563	0.000	0.963	0.727	0.925	0.000	0.838	0.932	0.500	0.000	0.708	0.793	0.920	0.800	0.927
	0.735				0.942				0.923				0.832				

National Data & Surveying Services Intersection Turning Movement Count

Location: SR 17 NB Ramps & Lark Ave
City: Los Gatos
Control: Signalized

Project ID: 22-080174-019
Date: 5/19/2022

Data - Total

NS/EW Streets:	SR 17 NB Ramps				SR 17 NB Ramps				Lark Ave				Lark Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5	0.5	1	0	0	0	0	0	2	2	0	0	0	2	2	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	16	1	26	0	0	0	0	0	34	141	0	1	0	36	68	0	323
7:15 AM	14	0	21	0	0	0	0	0	50	146	0	0	0	44	87	0	362
7:30 AM	27	0	32	0	0	0	0	0	38	216	0	2	0	88	134	0	537
7:45 AM	28	0	47	0	0	0	0	0	44	293	0	1	0	115	118	0	646
8:00 AM	45	0	43	0	0	0	0	0	56	280	0	0	0	145	163	0	732
8:15 AM	34	0	31	0	0	0	0	0	52	260	0	0	0	166	187	0	730
8:30 AM	43	0	33	0	0	0	0	0	58	245	0	0	0	142	141	0	662
8:45 AM	33	0	33	0	0	0	0	0	58	249	0	3	0	119	114	0	609
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	240	1	266	0	0	0	0	0	390	1830	0	7	0	855	1012	0	4601
APPROACH %'s :	47.34%	0.20%	52.47%	0.00%					17.51%	82.17%	0.00%	0.31%	0.00%	45.80%	54.20%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	150	0	154	0	0	0	0	0	210	1078	0	1	0	568	609	0	2770
PEAK HR FACTOR :	0.833	0.000	0.819	0.000	0.000	0.000	0.000	0.000	0.905	0.920	0.000	0.250	0.000	0.855	0.814	0.000	0.946
	0.864								0.953				0.834				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5	0.5	1	0	0	0	0	0	2	2	0	0	0	2	2	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	17	1	37	0	0	0	0	0	65	359	0	0	0	146	145	0	770
4:15 PM	13	0	17	0	0	0	0	0	65	329	0	1	0	132	156	0	713
4:30 PM	22	2	24	0	0	0	0	0	70	319	0	1	0	110	163	0	711
4:45 PM	28	0	23	0	0	0	0	0	60	342	0	2	0	159	133	0	747
5:00 PM	24	0	28	0	0	0	0	0	92	350	0	4	0	112	147	0	757
5:15 PM	20	0	26	0	0	0	0	0	80	341	0	1	0	136	131	0	735
5:30 PM	12	0	25	0	0	0	0	0	70	318	0	1	0	112	119	0	657
5:45 PM	17	1	22	0	0	0	0	0	49	324	0	1	0	111	88	0	613
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	153	4	202	0	0	0	0	0	551	2682	0	11	0	1018	1082	0	5703
APPROACH %'s :	42.62%	1.11%	56.27%	0.00%					16.99%	82.68%	0.00%	0.34%	0.00%	48.48%	51.52%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	94	2	101	0	0	0	0	0	302	1352	0	8	0	517	574	0	2950
PEAK HR FACTOR :	0.839	0.250	0.902	0.000	0.000	0.000	0.000	0.000	0.821	0.966	0.000	0.500	0.000	0.813	0.880	0.000	0.974
	0.947								0.932				0.934				

National Data & Surveying Services Intersection Turning Movement Count

Location: Los Gatos Blvd & Lark Ave
City: Los Gatos
Control: Signalized

Project ID: 22-080174-020
Date: 5/19/2022

Data - Total

NS/EW Streets:	Los Gatos Blvd				Los Gatos Blvd				Lark Ave				Lark Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	0	0	1	2	1	0	2.5	0.1	1	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	67	29	1	1	1	41	29	2	48	8	93	4	2	2	1	0	329
7:15 AM	95	51	0	2	2	56	34	0	38	9	100	4	1	0	0	0	392
7:30 AM	138	60	0	0	2	55	64	0	65	8	148	6	3	4	1	0	554
7:45 AM	140	75	0	3	5	105	77	0	97	9	215	7	4	2	2	0	741
8:00 AM	218	93	2	2	8	65	74	5	93	14	197	9	4	6	5	0	795
8:15 AM	244	92	0	3	2	83	89	0	95	6	180	14	3	4	4	0	819
8:30 AM	188	91	3	2	5	68	73	3	100	13	151	10	1	5	1	0	714
8:45 AM	144	61	1	0	2	67	64	3	115	8	158	7	3	5	2	0	640
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1234	552	7	13	27	540	504	13	651	75	1242	61	21	28	16	0	4984
APPROACH %'s :	68.33%	30.56%	0.39%	0.72%	2.49%	49.82%	46.49%	1.20%	32.08%	3.70%	61.21%	3.01%	32.31%	43.08%	24.62%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	790	351	5	10	20	321	313	8	385	42	743	40	12	17	12	0	3069
PEAK HR FACTOR :	0.809	0.944	0.417	0.833	0.625	0.764	0.879	0.400	0.963	0.750	0.864	0.714	0.750	0.708	0.600	0.000	0.937
	0.853				0.885				0.922				0.683				

NS/EW Streets:	Los Gatos Blvd				Los Gatos Blvd				Lark Ave				Lark Ave				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	0	0	1	2	1	0	2.5	0.1	1	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	166	123	6	1	5	93	82	10	124	6	239	5	5	3	3	0	871
4:15 PM	171	112	6	1	5	91	75	4	118	14	221	8	7	4	6	0	843
4:30 PM	179	122	2	1	2	102	85	6	106	5	232	13	6	9	6	0	876
4:45 PM	172	128	3	6	3	108	100	8	90	7	262	12	5	5	4	0	913
5:00 PM	188	132	4	0	3	113	114	8	110	5	247	11	8	4	3	0	950
5:15 PM	171	131	3	5	5	78	86	10	136	7	255	8	7	8	8	0	918
5:30 PM	137	108	0	2	7	95	51	4	100	8	242	8	5	8	2	0	777
5:45 PM	136	101	2	3	7	95	61	4	98	8	241	8	2	4	4	0	774
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1320	957	26	19	37	775	654	54	882	60	1939	73	45	45	36	0	6922
APPROACH %'s :	56.85%	41.21%	1.12%	0.82%	2.43%	50.99%	43.03%	3.55%	29.86%	2.03%	65.64%	2.47%	35.71%	35.71%	28.57%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	710	513	12	12	13	401	385	32	442	24	996	44	26	26	21	0	3657
PEAK HR FACTOR :	0.944	0.972	0.750	0.500	0.650	0.887	0.844	0.800	0.813	0.857	0.950	0.846	0.813	0.722	0.656	0.000	0.962
	0.962				0.873				0.927				0.793				

National Data & Surveying Services Intersection Turning Movement Count

Location: Los Gatos Blvd & Los Gatos Alamaden Rd
City: Los Gatos
Control: Signalized

Project ID: 22-080174-021
Date: 5/19/2022

Data - Total

NS/EW Streets:	Los Gatos Blvd				Los Gatos Blvd				Los Gatos Alamaden Rd				Los Gatos Alamaden Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	1	0	1	2.5	0.5	0	0	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	2	67	10	0	13	81	0	2	2	2	0	0	14	0	24	0	217
7:15 AM	3	85	7	3	13	99	3	2	1	1	2	0	18	0	35	0	272
7:30 AM	2	114	20	1	22	121	5	3	4	3	1	0	29	0	55	0	380
7:45 AM	1	124	16	1	31	220	6	6	3	1	11	0	48	6	51	0	525
8:00 AM	7	206	23	3	31	164	3	5	4	3	14	0	62	2	84	0	611
8:15 AM	7	189	35	2	24	150	4	1	2	3	4	0	46	2	90	0	559
8:30 AM	8	165	28	4	32	133	5	8	6	0	8	0	37	2	69	0	505
8:45 AM	4	117	27	2	32	151	3	4	8	1	5	0	46	4	43	0	447
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	34	1067	166	16	198	1119	29	31	30	14	45	0	300	16	451	0	3516
APPROACH %'s :	2.65%	83.16%	12.94%	1.25%	14.38%	81.26%	2.11%	2.25%	33.71%	15.73%	50.56%	0.00%	39.11%	2.09%	58.80%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	23	684	102	10	118	667	18	20	15	7	37	0	193	12	294	0	2200
PEAK HR FACTOR :	0.719	0.830	0.729	0.625	0.922	0.758	0.750	0.625	0.625	0.583	0.661	0.000	0.778	0.500	0.817	0.000	0.900
	0.857				0.782				0.702				0.843				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	1	0	1	2.5	0.5	0	0	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	7	181	69	11	81	217	5	8	6	2	5	0	46	2	41	0	681
4:15 PM	9	186	53	6	64	237	3	6	10	3	12	0	32	3	45	0	669
4:30 PM	6	180	57	2	59	226	8	2	9	3	9	0	30	3	46	0	640
4:45 PM	3	181	48	3	93	260	10	3	13	6	7	0	53	1	43	0	724
5:00 PM	5	223	63	7	82	245	16	6	7	11	10	0	39	2	57	0	773
5:15 PM	2	181	66	9	85	211	10	5	10	3	5	0	50	7	36	0	680
5:30 PM	8	135	74	5	78	235	8	10	7	2	7	0	36	0	47	0	652
5:45 PM	5	132	40	4	84	214	10	3	1	4	5	0	37	2	33	0	574
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	45	1399	470	47	626	1845	70	43	63	34	60	0	323	20	348	0	5393
APPROACH %'s :	2.29%	71.34%	23.97%	2.40%	24.23%	71.40%	2.71%	1.66%	40.13%	21.66%	38.22%	0.00%	46.74%	2.89%	50.36%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	18	720	251	24	338	951	44	24	37	22	29	0	178	10	183	0	2829
PEAK HR FACTOR :	0.563	0.807	0.848	0.667	0.909	0.914	0.688	0.600	0.712	0.500	0.725	0.000	0.840	0.357	0.803	0.000	0.915
	0.850				0.927				0.786				0.946				

National Data & Surveying Services Intersection Turning Movement Count

Location: National Ave & Los Gatos Alamaden Rd
City: Los Gatos
Control: Signalized

Project ID: 22-080174-022
Date: 5/19/2022

Data - Total

NS/EW Streets:	National Ave				National Ave				Los Gatos Alamaden Rd				Los Gatos Alamaden Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	2	0	4	0	4	16	0	0	0	24	9	0	59
7:15 AM	0	0	0	0	4	0	12	0	9	20	0	0	0	33	12	0	90
7:30 AM	0	0	0	0	16	0	10	0	6	38	0	0	0	93	8	0	171
7:45 AM	0	0	0	0	27	0	17	0	14	50	0	0	0	98	37	0	243
8:00 AM	0	0	0	0	26	0	11	0	15	52	0	0	0	116	30	0	250
8:15 AM	0	0	0	0	20	0	17	0	8	44	0	0	0	131	27	0	247
8:30 AM	0	0	0	0	10	0	12	0	19	44	0	0	0	101	16	0	202
8:45 AM	0	0	0	0	7	0	14	0	15	33	0	0	0	92	28	0	189
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	112	0	97	0	90	297	0	0	0	688	167	0	1451
APPROACH %'s :					53.59%	0.00%	46.41%	0.00%	23.26%	76.74%	0.00%	0.00%	0.00%	80.47%	19.53%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	83	0	57	0	56	190	0	0	0	446	110	0	942
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.769	0.000	0.838	0.000	0.737	0.913	0.000	0.000	0.000	0.851	0.743	0.000	0.942
					0.795				0.918				0.880				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	23	0	19	0	9	121	0	0	0	63	10	0	245
4:15 PM	0	0	0	0	32	0	16	0	4	93	0	0	0	60	14	0	219
4:30 PM	0	0	0	0	23	0	18	0	12	105	0	0	0	76	10	0	244
4:45 PM	0	0	0	0	24	0	22	0	9	122	0	0	0	87	7	0	271
5:00 PM	0	0	0	0	31	0	24	0	8	138	0	0	0	67	7	0	275
5:15 PM	0	0	0	0	30	0	22	0	8	146	0	0	0	79	8	0	293
5:30 PM	0	0	0	0	21	0	9	0	15	138	0	0	0	69	11	0	263
5:45 PM	0	0	0	0	28	0	15	0	11	98	0	0	0	54	9	0	215
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	212	0	145	0	76	961	0	0	0	555	76	0	2025
APPROACH %'s :					59.38%	0.00%	40.62%	0.00%	7.33%	92.67%	0.00%	0.00%	0.00%	87.96%	12.04%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	0	0	0	106	0	77	0	40	544	0	0	0	302	33	0	1102
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.855	0.000	0.802	0.000	0.667	0.932	0.000	0.000	0.000	0.868	0.750	0.000	0.940
					0.832				0.948				0.891				

National Data & Surveying Services Intersection Turning Movement Count

Location: Los Gatos Blvd & Gateway Dr/Garden Ln
City: Los Gatos
Control: Signalized

Project ID: 22-080174-023
Date: 5/19/2022

Data - Total

NS/EW Streets:	Los Gatos Blvd				Los Gatos Blvd				Gateway Dr/Garden Ln				Gateway Dr/Garden Ln				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	0	0	1	3	0	0	0	1	1	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	1	86	2	2	15	106	5	5	1	0	3	0	5	2	16	0	249
7:15 AM	4	114	2	0	8	131	2	2	11	0	3	0	2	0	25	0	304
7:30 AM	1	151	6	4	18	181	8	1	10	0	3	0	8	2	47	0	440
7:45 AM	3	162	7	4	25	286	10	7	15	1	9	0	9	1	37	0	576
8:00 AM	4	244	4	2	22	229	9	4	13	0	4	0	10	0	50	0	595
8:15 AM	3	273	7	5	17	222	7	1	14	1	3	0	10	4	56	0	623
8:30 AM	4	230	4	8	23	185	9	6	10	0	7	0	12	0	41	0	539
8:45 AM	0	168	3	4	27	196	8	14	7	1	6	0	18	1	39	0	492
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	20	1428	35	29	155	1536	58	40	81	3	38	0	74	10	311	0	3818
APPROACH %'s :	1.32%	94.44%	2.31%	1.92%	8.66%	85.86%	3.24%	2.24%	66.39%	2.46%	31.15%	0.00%	18.73%	2.53%	78.73%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	14	909	22	19	87	922	35	18	52	2	23	0	41	5	184	0	2333
PEAK HR FACTOR :	0.875	0.832	0.786	0.594	0.870	0.806	0.875	0.643	0.867	0.500	0.639	0.000	0.854	0.313	0.821	0.000	0.936
	0.837				0.809				0.770				0.821				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	0	0	1	3	0	0	0	1	1	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	6	238	12	10	35	291	9	13	9	0	5	0	19	2	40	0	689
4:15 PM	7	217	10	6	32	262	7	16	8	2	7	0	19	3	38	0	634
4:30 PM	4	257	18	7	35	272	18	15	7	4	9	0	21	1	26	0	694
4:45 PM	5	220	7	13	33	310	5	22	6	0	2	0	21	2	40	0	686
5:00 PM	6	285	16	9	44	287	16	8	10	1	2	0	26	0	43	0	753
5:15 PM	7	252	19	11	37	304	12	13	9	4	5	0	12	0	34	0	719
5:30 PM	0	225	8	5	38	274	11	7	4	2	6	0	11	0	32	0	623
5:45 PM	7	186	14	5	40	268	10	12	8	1	6	0	14	3	27	0	601
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	42	1880	104	66	294	2268	88	106	61	14	42	0	143	11	280	0	5399
APPROACH %'s :	2.01%	89.87%	4.97%	3.15%	10.67%	82.29%	3.19%	3.85%	52.14%	11.97%	35.90%	0.00%	32.95%	2.53%	64.52%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	22	1014	60	40	149	1173	51	58	32	9	18	0	80	3	143	0	2852
PEAK HR FACTOR :	0.786	0.889	0.789	0.769	0.847	0.946	0.708	0.659	0.800	0.563	0.500	0.000	0.769	0.375	0.831	0.000	0.947
	0.899				0.967				0.738				0.819				

National Data & Surveying Services Intersection Turning Movement Count

Location: Los Gatos Blvd & Walker St
City: Los Gatos
Control: Signalized

Project ID: 22-080174-024
Date: 5/19/2022

Data - Total

NS/EW Streets:	Los Gatos Blvd				Los Gatos Blvd				Walker St				Walker St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	0	1	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	4	94	0	1	0	79	3	0	0	0	0	0	0	0	0	0	181
7:15 AM	0	101	0	3	0	92	3	0	0	0	0	0	0	0	1	0	200
7:30 AM	2	132	2	3	2	136	2	1	1	0	1	0	0	0	0	0	282
7:45 AM	0	176	0	6	3	184	4	1	1	0	3	0	0	0	0	0	378
8:00 AM	1	203	2	11	3	166	2	1	3	0	2	0	0	0	0	0	394
8:15 AM	0	196	0	11	1	157	1	0	1	0	1	0	0	0	0	0	368
8:30 AM	1	200	2	7	2	153	0	0	1	0	2	0	0	0	0	0	368
8:45 AM	2	174	4	10	2	152	2	1	2	0	0	0	0	0	3	0	352
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	10	1276	10	52	13	1119	17	4	9	0	9	0	0	0	4	0	2523
APPROACH %'s :	0.74%	94.66%	0.74%	3.86%	1.13%	97.05%	1.47%	0.35%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	100.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	2	775	4	35	9	660	7	2	6	0	8	0	0	0	0	0	1508
PEAK HR FACTOR :	0.500	0.954	0.500	0.795	0.750	0.897	0.438	0.500	0.500	0.000	0.667	0.000	0.000	0.000	0.000	0.000	0.957
	0.940				0.883				0.700								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	0	1	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	259	0	6	1	178	0	0	4	0	2	0	0	0	5	0	455
4:15 PM	2	249	2	5	2	168	1	1	2	0	2	0	0	0	2	0	436
4:30 PM	0	241	0	9	1	190	0	0	2	0	2	0	0	0	5	0	450
4:45 PM	0	238	1	8	2	199	1	0	0	0	1	0	0	0	6	0	456
5:00 PM	0	276	0	6	0	194	1	0	1	0	2	0	0	0	7	0	487
5:15 PM	0	286	1	4	0	165	1	2	0	0	1	0	0	0	3	0	463
5:30 PM	0	224	0	3	0	152	0	1	1	0	0	0	0	0	2	0	383
5:45 PM	0	219	1	5	0	165	1	0	2	0	1	0	0	0	3	0	397
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	1992	5	46	6	1411	5	4	12	0	11	0	0	0	33	0	3527
APPROACH %'s :	0.10%	97.41%	0.24%	2.25%	0.42%	98.95%	0.35%	0.28%	52.17%	0.00%	47.83%	0.00%	0.00%	0.00%	100.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1041	2	27	3	748	3	2	3	0	6	0	0	0	21	0	1856
PEAK HR FACTOR :	0.000	0.910	0.500	0.750	0.375	0.940	0.750	0.250	0.375	0.000	0.750	0.000	0.000	0.000	0.750	0.000	0.953
	0.919				0.936				0.563				0.750				

National Data & Surveying Services Intersection Turning Movement Count

Location: S Bascom Ave & E Mozart Ave
City: Los Gatos
Control: 1-Way Stop(EB)

Project ID: 22-080317-001
Date: 11/8/2022

Data - Totals

AM

NS/EW Streets:	S Bascom Ave				S Bascom Ave				E Mozart Ave				E Mozart Ave				
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
AM	0	3	0	0	0	3	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	73	0	0	0	110	0	0	0	0	1	0	0	0	0	0	184
7:15 AM	0	77	0	0	0	151	4	0	0	0	2	0	0	0	0	0	234
7:30 AM	0	137	0	0	0	184	2	0	0	0	1	0	0	0	0	0	324
7:45 AM	0	151	0	0	0	260	6	0	0	0	2	0	0	0	0	0	419
8:00 AM	0	151	0	0	0	276	5	0	0	0	7	0	0	0	0	0	439
8:15 AM	0	165	0	0	0	224	2	0	0	0	4	0	0	0	0	0	395
8:30 AM	0	186	0	0	0	189	8	0	0	0	1	0	0	0	0	0	384
8:45 AM	0	163	0	0	0	167	4	0	0	0	3	0	0	0	0	0	337
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1103	0	0	0	1561	31	0	0	0	21	0	0	0	0	0	2716
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	98.05%	1.95%	0.00%	0.00%	0.00%	100.00%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	653	0	0	0	949	21	0	0	0	14	0	0	0	0	0	1637
PEAK HR FACTOR :	0.000	0.878	0.000	0.000	0.000	0.860	0.656	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.932
	0.878				0.863				0.500								

PM

	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
PM	0	3	0	0	0	3	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	263	0	0	0	188	5	0	0	0	8	0	0	0	0	0	464
4:15 PM	0	250	0	0	0	177	3	0	0	0	6	0	0	0	0	0	436
4:30 PM	0	258	0	0	0	202	6	0	0	0	8	0	0	0	0	0	474
4:45 PM	0	307	0	0	0	173	7	0	0	0	7	0	0	0	0	0	494
5:00 PM	0	292	0	0	0	199	3	0	0	0	7	0	0	0	0	0	501
5:15 PM	0	310	0	0	0	176	4	0	0	0	3	0	0	0	0	0	493
5:30 PM	0	275	0	0	0	185	6	0	0	0	7	0	0	0	0	0	473
5:45 PM	0	243	0	0	0	162	5	0	0	0	5	0	0	0	0	0	415
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	2198	0	0	0	1462	39	0	0	0	51	0	0	0	0	0	3750
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	97.40%	2.60%	0.00%	0.00%	0.00%	100.00%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1167	0	0	0	750	20	0	0	0	25	0	0	0	0	0	1962
PEAK HR FACTOR :	0.000	0.941	0.000	0.000	0.000	0.928	0.714	0.000	0.000	0.000	0.781	0.000	0.000	0.000	0.000	0.000	0.979
	0.941				0.925				0.781								

Prepared by National Data & Surveying Services

VOLUME

Kinghurst Dr S/O Lost Oaks Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_001

DAILY TOTALS	NB	SB	EB	WB	Total
	368	455	0	0	823

AM Period	NB		SB		EB		WB		TOTAL	
0:00	0		0						0	
0:15	0		0						0	
0:30	0		0						0	
0:45	0		1	1					1	1
1:00	0		2						2	
1:15	0		1						1	
1:30	1		2						3	
1:45	0	1	0	5					0	6
2:00	0		0						0	
2:15	0		0						0	
2:30	0		0						0	
2:45	0		0						0	
3:00	0		0						0	
3:15	0		0						0	
3:30	2		1						3	
3:45	0	2	0	1					0	3
4:00	0		0						0	
4:15	0		0						0	
4:30	0		1						1	
4:45	1	1	0	1					1	2
5:00	0		1						1	
5:15	2		0						2	
5:30	1		0						1	
5:45	1	4	1	2					2	6
6:00	2		2						4	
6:15	1		0						1	
6:30	5		0						5	
6:45	8	16	5	7					13	23
7:00	7		3						10	
7:15	6		7						13	
7:30	3		7						10	
7:45	9	25	17	34					26	59
8:00	12		30						42	
8:15	12		12						24	
8:30	8		7						15	
8:45	9	41	5	54					14	95
9:00	6		13						19	
9:15	8		6						14	
9:30	3		7						10	
9:45	4	21	5	31					9	52
10:00	4		10						14	
10:15	4		7						11	
10:30	5		9						14	
10:45	11	24	8	34					19	58
11:00	9		6						15	
11:15	5		4						9	
11:30	4		7						11	
11:45	5	23	12	29					17	52
TOTALS		158		199						**357**
SPLIT %		44.3%		55.7%						**43.4%**

PM Period	NB		SB		EB		WB		TOTAL	
12:00	6		12						18	
12:15	4		11						15	
12:30	8		8						16	
12:45	9	27	7	38					16	65
13:00	6		10						16	
13:15	5		8						13	
13:30	3		10						13	
13:45	7	21	8	36					15	57
14:00	8		3						11	
14:15	5		13						18	
14:30	8		15						23	
14:45	14	35	10	41					24	76
15:00	7		12						19	
15:15	6		6						12	
15:30	13		4						17	
15:45	10	36	6	28					16	64
16:00	6		8						14	
16:15	5		8						13	
16:30	5		11						16	
16:45	3	19	5	32					8	51
17:00	11		12						23	
17:15	7		5						12	
17:30	8		4						12	
17:45	4	30	2	23					6	53
18:00	4		7						11	
18:15	4		5						9	
18:30	6		4						10	
18:45	3	17	3	19					6	36
19:00	3		4						7	
19:15	2		5						7	
19:30	0		1						1	
19:45	2	7	2	12					4	19
20:00	4		2						6	
20:15	1		7						8	
20:30	0		1						1	
20:45	2	7	3	13					5	20
21:00	2		0						2	
21:15	1		2						3	
21:30	3		0						3	
21:45	0	6	7	9					7	15
22:00	0		1						1	
22:15	1		2						3	
22:30	1		0						1	
22:45	2	4	0	3					2	7
23:00	1		0						1	
23:15	0		1						1	
23:30	0		1						1	
23:45	0	1	0	2					0	3
TOTALS		210		256						**466**
SPLIT %		45.1%		54.9%						**56.6%**

DAILY TOTALS	NB	SB	EB	WB	Total
	368	455	0	0	823

AM Peak Hour	7:45	7:30			**7:45**
AM Pk Volume	41	66			**107**
Pk Hr Factor	0.854	0.550			**0.637**
7 - 9 Volume	66	88	0	0	**154**
7 - 9 Peak Hour	7:45	7:30			**7:45**
7 - 9 Pk Volume	41	66	0	0	**107**
Pk Hr Factor	0.854	0.550	0.000	0.000	**0.637**

PM Peak Hour	14:45	14:15			**14:15**
PM Pk Volume	40	50			**84**
Pk Hr Factor	0.714	0.833			**0.875**
4 - 6 Volume	49	55	0	0	**104**
4 - 6 Peak Hour	17:00	16:15			**16:15**
4 - 6 Pk Volume	30	36	0	0	**60**
Pk Hr Factor	0.682	0.750	0.000	0.000	**0.652**

Prepared by National Data & Surveying Services

VOLUME

Lost Oaks Dr W/O Kinghurst Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_002

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	241	294	535

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
0:00			0		0		0		12:00			5		7		12	
0:15			0		0		0		12:15			4		9		13	
0:30			0		2		2		12:30			4		5		9	
0:45			0		0	2	0	2	12:45			7	20	4	25	11	45
1:00			2		0		2		13:00			5		5		10	
1:15			0		0		0		13:15			7		4		11	
1:30			0		0		0		13:30			4		3		7	
1:45			0	2	0		0	2	13:45			4	20	7	19	11	39
2:00			0		0		0		14:00			4		8		12	
2:15			0		0		0		14:15			4		6		10	
2:30			0		0		0		14:30			4		4		8	
2:45			0		0		0		14:45			10	22	3	21	13	43
3:00			0		0		0		15:00			5		9		14	
3:15			0		0		0		15:15			7		14		21	
3:30			0		0		0		15:30			3		10		13	
3:45			0		0		0		15:45			1	16	4	37	5	53
4:00			0		0		0		16:00			2		6		8	
4:15			0		0		0		16:15			1		2		3	
4:30			0		0		0		16:30			1		2		3	
4:45			1	1	0		1	1	16:45			2	6	6	16	8	22
5:00			0		0		0		17:00			1		21		22	
5:15			0		0		0		17:15			1		6		7	
5:30			0		0		0		17:30			1		6		7	
5:45			0		0		0		17:45			4	7	2	35	6	42
6:00			1		0		1		18:00			4		3		7	
6:15			0		1		1		18:15			3		5		8	
6:30			1		1		2		18:30			0		2		2	
6:45			2	4	0	2	2	6	18:45			2	9	2	12	4	21
7:00			0		0		0		19:00			2		7		9	
7:15			2		0		2		19:15			0		0		0	
7:30			5		0		5		19:30			0		2		2	
7:45			8	15	2	2	10	17	19:45			2	4	3	12	5	16
8:00			7		6		13		20:00			2		3		5	
8:15			7		6		13		20:15			0		1		1	
8:30			6		4		10		20:30			1		0		1	
8:45			5	25	7	23	12	48	20:45			0	3	2	6	2	9
9:00			5		5		10		21:00			4		1		5	
9:15			5		6		11		21:15			3		0		3	
9:30			7		4		11		21:30			0		1		1	
9:45			7	24	4	19	11	43	21:45			1	8	2	4	3	12
10:00			7		6		13		22:00			0		1		1	
10:15			7		7		14		22:15			0		1		1	
10:30			9		7		16		22:30			1		1		2	
10:45			6	29	7	27	13	56	22:45			1	2	3	6	4	8
11:00			8		8		16		23:00			0		0		0	
11:15			4		6		10		23:15			3		0		3	
11:30			3		4		7		23:30			1		1		2	
11:45			5	20	7	25	12	45	23:45			0	4	0	1	0	5
TOTALS				120		100		220	TOTALS				121		194		315
SPLIT %				54.5%		45.5%		41.1%	SPLIT %				38.4%		61.6%		58.9%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	241	294	535

AM Peak Hour			9:45	10:15	10:15	PM Peak Hour			14:30	16:45	14:45
AM Pk Volume			30	29	59	PM Pk Volume			26	39	61
Pk Hr Factor			0.833	0.906	0.922	Pk Hr Factor			0.650	0.464	0.726
7 - 9 Volume	0	0	40	25	65	4 - 6 Volume	0	0	13	51	64
7 - 9 Peak Hour			7:45	8:00	8:00	4 - 6 Peak Hour			17:00	16:45	16:45
7 - 9 Pk Volume	0	0	28	23	48	4 - 6 Pk Volume	0	0	7	39	44
Pk Hr Factor	0.000	0.000	0.875	0.821	0.923	Pk Hr Factor	0.000	0.000	0.438	0.464	0.500

Prepared by National Data & Surveying Services

VOLUME

Carlton Ave E/O Kingridge Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_003

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,487	1,304	2,791

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
0:00			1		0		1		12:00			22		26		48	
0:15			0		0		0		12:15			23		16		39	
0:30			1		1		2		12:30			40		33		73	
0:45			1	3	0	1	1	4	12:45			27	112	27	102	54	214
1:00			0		0		0		13:00			21		23		44	
1:15			0		0		0		13:15			30		30		60	
1:30			0		1		1		13:30			26		16		42	
1:45			0		1	2	1	2	13:45			29	106	18	87	47	193
2:00			0		1		1		14:00			23		20		43	
2:15			0		0		0		14:15			29		21		50	
2:30			1		0		1		14:30			16		42		58	
2:45			0	1	1	2	1	3	14:45			30	98	20	103	50	201
3:00			0		0		0		15:00			35		19		54	
3:15			0		1		1		15:15			27		23		50	
3:30			0		0		0		15:30			24		41		65	
3:45			0		0	1	0	1	15:45			36	122	45	128	81	250
4:00			1		0		1		16:00			23		32		55	
4:15			0		2		2		16:15			20		36		56	
4:30			2		0		2		16:30			19		29		48	
4:45			2	5	0	2	2	7	16:45			25	87	29	126	54	213
5:00			2		0		2		17:00			24		47		71	
5:15			1		2		3		17:15			20		35		55	
5:30			3		3		6		17:30			21		33		54	
5:45			4	10	2	7	6	17	17:45			13	78	25	140	38	218
6:00			1		2		3		18:00			24		29		53	
6:15			4		3		7		18:15			20		26		46	
6:30			13		4		17		18:30			16		24		40	
6:45			15	33	8	17	23	50	18:45			21	81	17	96	38	177
7:00			21		3		24		19:00			12		15		27	
7:15			25		10		35		19:15			8		6		14	
7:30			25		10		35		19:30			16		15		31	
7:45			38	109	23	46	61	155	19:45			12	48	9	45	21	93
8:00			39		33		72		20:00			10		7		17	
8:15			46		30		76		20:15			12		9		21	
8:30			32		14		46		20:30			8		8		16	
8:45			27	144	18	95	45	239	20:45			12	42	8	32	20	74
9:00			35		19		54		21:00			10		10		20	
9:15			33		16		49		21:15			9		12		21	
9:30			26		12		38		21:30			7		4		11	
9:45			27	121	22	69	49	190	21:45			5	31	4	30	9	61
10:00			25		20		45		22:00			7		3		10	
10:15			32		20		52		22:15			7		5		12	
10:30			27		16		43		22:30			5		4		9	
10:45			27	111	23	79	50	190	22:45			2	21	6	18	8	39
11:00			25		11		36		23:00			6		5		11	
11:15			25		23		48		23:15			3		5		8	
11:30			28		17		45		23:30			3		1		4	
11:45			33	111	12	63	45	174	23:45			1	13	2	13	3	26
TOTALS				648		384		1032	TOTALS				839		920		1759
SPLIT %				62.8%		37.2%		37.0%	SPLIT %				47.7%		52.3%		63.0%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,487	1,304	2,791

AM Peak Hour			7:45	7:45	7:45	PM Peak Hour			15:00	15:30	15:30
AM Pk Volume			155	100	255	PM Pk Volume			122	154	257
Pk Hr Factor			0.842	0.758	0.839	Pk Hr Factor			0.847	0.856	0.793
7 - 9 Volume	0	0	253	141	394	4 - 6 Volume	0	0	165	266	431
7 - 9 Peak Hour			7:45	7:45	7:45	4 - 6 Peak Hour			16:45	16:45	16:45
7 - 9 Pk Volume	0	0	155	100	255	4 - 6 Pk Volume	0	0	90	144	234
Pk Hr Factor	0.000	0.000	0.842	0.758	0.839	Pk Hr Factor	0.000	0.000	0.900	0.766	0.824

Prepared by National Data & Surveying Services

VOLUME

Samaritan Pl N/O Samaritan Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_004

DAILY TOTALS	NB	SB	EB	WB	Total
	225	232	0	0	457

AM Period	NB		SB		EB		WB		TOTAL	
0:00	0		0						0	
0:15	0		0						0	
0:30	0		0						0	
0:45	0		0						0	
1:00	0		0						0	
1:15	0		0						0	
1:30	0		0						0	
1:45	0		0						0	
2:00	0		0						0	
2:15	0		0						0	
2:30	0		0						0	
2:45	1	1	0						1	1
3:00	0		0						0	
3:15	0		0						0	
3:30	0		0						0	
3:45	0		0						0	
4:00	0		0						0	
4:15	0		1						1	
4:30	0		1						1	
4:45	0		1	3					1	3
5:00	0		0						0	
5:15	0		0						0	
5:30	1		0						1	
5:45	1	2	0						1	2
6:00	2		2						4	
6:15	0		1						1	
6:30	0		1						1	
6:45	0	2	3	7					3	9
7:00	2		1						3	
7:15	3		4						7	
7:30	5		10						15	
7:45	7	17	6	21					13	38
8:00	0		3						3	
8:15	4		5						9	
8:30	5		8						13	
8:45	4	13	5	21					9	34
9:00	2		6						8	
9:15	1		2						3	
9:30	1		6						7	
9:45	4	8	4	18					8	26
10:00	2		2						4	
10:15	3		4						7	
10:30	4		8						12	
10:45	2	11	2	16					4	27
11:00	4		4						8	
11:15	4		4						8	
11:30	5		5						10	
11:45	8	21	4	17					12	38
TOTALS		75		103						**178**
SPLIT %		42.1%		57.9%						**38.9%**

PM Period	NB		SB		EB		WB		TOTAL	
12:00	3		11						14	
12:15	9		9						18	
12:30	7		4						11	
12:45	8	27	2	26					10	53
13:00	3		3						6	
13:15	3		6						9	
13:30	2		2						4	
13:45	2	10	3	14					5	24
14:00	4		2						6	
14:15	2		3						5	
14:30	7		3						10	
14:45	5	18	3	11					8	29
15:00	1		4						5	
15:15	5		3						8	
15:30	6		7						13	
15:45	3	15	4	18					7	33
16:00	6		3						9	
16:15	4		5						9	
16:30	1		3						4	
16:45	2	13	0	11					2	24
17:00	2		3						5	
17:15	4		2						6	
17:30	4		5						9	
17:45	3	13	5	15					8	28
18:00	2		3						5	
18:15	2		0						2	
18:30	3		5						8	
18:45	1	8	3	11					4	19
19:00	2		1						3	
19:15	4		2						6	
19:30	2		0						2	
19:45	5	13	3	6					8	19
20:00	2		1						3	
20:15	4		1						5	
20:30	4		0						4	
20:45	1	11	5	7					6	18
21:00	6		3						9	
21:15	1		2						3	
21:30	2		1						3	
21:45	1	10	0	6					1	16
22:00	2		0						2	
22:15	3		0						3	
22:30	2		1						3	
22:45	1	8	1	2					2	10
23:00	1		0						1	
23:15	1		2						3	
23:30	0		0						0	
23:45	2	4	0	2					2	6
TOTALS		150		129						**279**
SPLIT %		53.8%		46.2%						**61.1%**

DAILY TOTALS	NB	SB	EB	WB	Total
	225	232	0	0	457

AM Peak Hour	11:45	11:30			**11:45**
AM Pk Volume	27	29			**55**
Pk Hr Factor	0.750	0.659			**0.764**
7 - 9 Volume	30	42	0	0	**72**
7 - 9 Peak Hour	7:00	7:30			**7:30**
7 - 9 Pk Volume	17	24	0	0	**40**
Pk Hr Factor	0.607	0.600	0.000	0.000	**0.667**

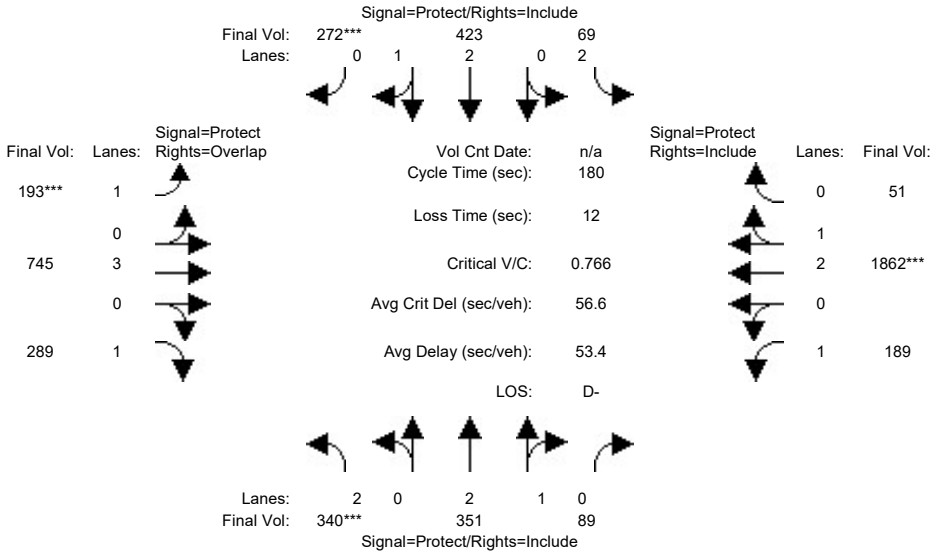
PM Peak Hour	12:00	12:00			**12:00**
PM Pk Volume	27	26			**53**
Pk Hr Factor	0.750	0.591			**0.736**
4 - 6 Volume	26	26	0	0	**52**
4 - 6 Peak Hour	16:00	17:00			**17:00**
4 - 6 Pk Volume	13	15	0	0	**28**
Pk Hr Factor	0.542	0.750	0.000	0.000	**0.778**

Appendix D – Traffix Intersection Operations Analysis – Existing Conditions

GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	340	351	89	69	423	272	193	745	289	189	1862	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	340	351	89	69	423	272	193	745	289	189	1862	51
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	340	351	89	69	423	272	193	745	289	189	1862	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	340	351	89	69	423	272	193	745	289	189	1862	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	340	351	89	69	423	272	193	745	289	189	1862	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	340	351	89	69	423	272	193	745	289	189	1862	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	2.00	2.37	0.63	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.92	0.08
Final Sat.:	3150	4466	1132	3150	3800	1750	1750	5700	1750	1750	5451	149
Capacity Analysis Module:												
Vol/Sat:	0.11	0.08	0.08	0.02	0.11	0.16	0.11	0.13	0.17	0.11	0.34	0.34
Crit Moves:	****					****	****				****	
Green Time:	25.4	41.4	41.4	20.5	36.5	36.5	25.9	58.1	83.5	48.0	80.2	80.2
Volume/Cap:	0.77	0.34	0.34	0.19	0.55	0.77	0.77	0.40	0.36	0.40	0.77	0.77
Delay/Veh:	82.3	58.1	58.1	72.5	64.9	71.7	87.3	47.6	31.3	54.8	43.5	43.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	82.3	58.1	58.1	72.5	64.9	71.7	87.3	47.6	31.3	54.8	43.5	43.5
LOS by Move:	F	E+	E+	E	E	E	F	D	C	D-	D	D
HCM2kAvgQ:	11	7	7	2	11	17	11	10	11	9	30	30

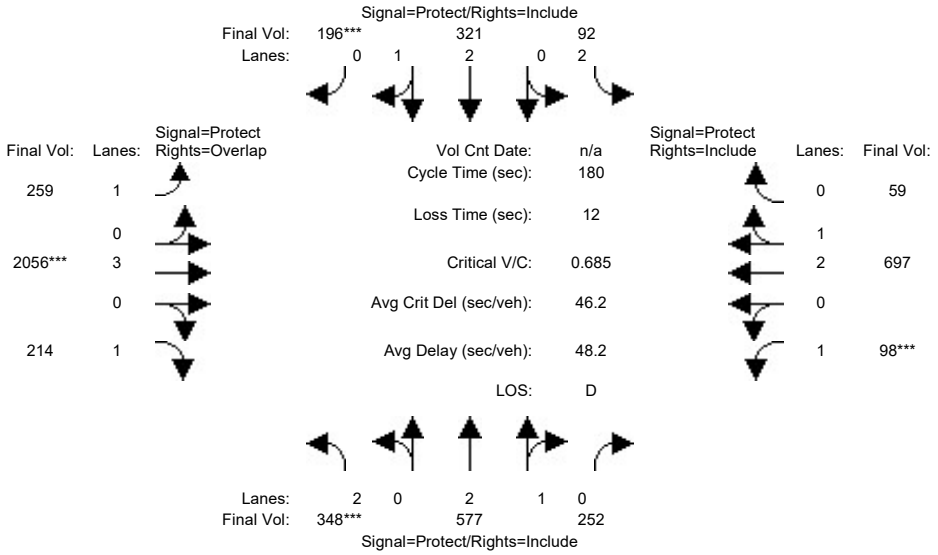
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	348	577	252	92	321	196	259	2056	214	98	697	59
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	348	577	252	92	321	196	259	2056	214	98	697	59
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	348	577	252	92	321	196	259	2056	214	98	697	59
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	348	577	252	92	321	196	259	2056	214	98	697	59
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	348	577	252	92	321	196	259	2056	214	98	697	59
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	348	577	252	92	321	196	259	2056	214	98	697	59
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.05	0.95	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.76	0.24
Final Sat.:	3150	3895	1701	3150	3800	1750	1750	5700	1750	1750	5162	437
Capacity Analysis Module:												
Vol/Sat:	0.11	0.15	0.15	0.03	0.08	0.11	0.15	0.36	0.12	0.06	0.14	0.14
Crit Moves:	****					****		****		****		
Green Time:	29.0	46.3	46.3	12.2	29.4	29.4	57.3	94.8	123.8	14.7	52.2	52.2
Volume/Cap:	0.68	0.58	0.58	0.43	0.52	0.68	0.47	0.68	0.18	0.68	0.47	0.47
Delay/Veh:	75.0	58.9	58.9	82.0	69.3	73.5	49.7	32.2	10.1	93.3	52.6	52.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	75.0	58.9	58.9	82.0	69.3	73.5	49.7	32.2	10.1	93.3	52.6	52.6
LOS by Move:	E-	E+	E+	F	E	E	D	C-	B+	F	D-	D-
HCM2kAvgQ:	11	13	13	3	8	12	12	26	4	7	11	11

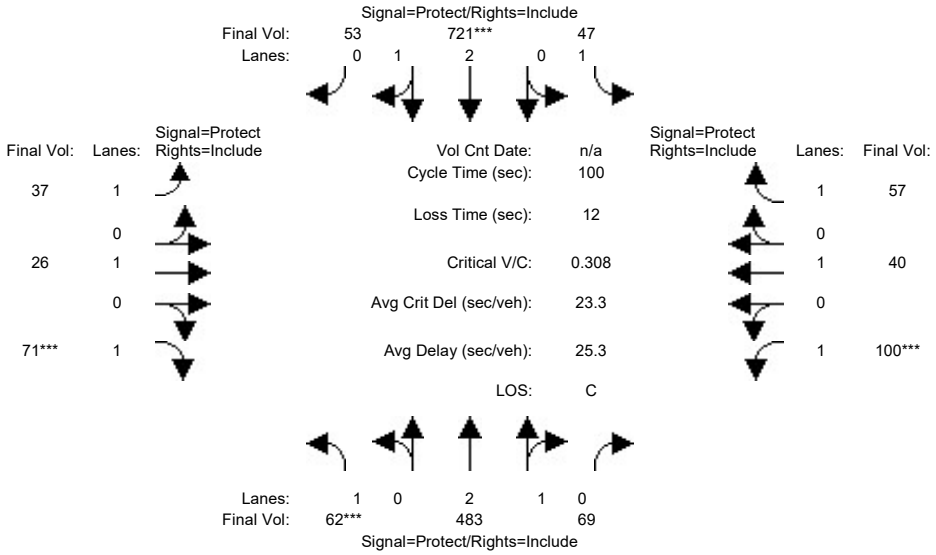
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	62	483	69	47	721	53	37	26	71	100	40	57
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	62	483	69	47	721	53	37	26	71	100	40	57
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	62	483	69	47	721	53	37	26	71	100	40	57
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	62	483	69	47	721	53	37	26	71	100	40	57
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	483	69	47	721	53	37	26	71	100	40	57
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	62	483	69	47	721	53	37	26	71	100	40	57
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.61	0.39	1.00	2.79	0.21	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	4899	700	1750	5216	383	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.10	0.10	0.03	0.14	0.14	0.02	0.01	0.04	0.06	0.02	0.03
Crit Moves:	****				****				****	****		
Green Time:	11.5	33.1	33.1	23.2	44.8	44.8	13.0	13.2	13.2	18.5	18.6	18.6
Volume/Cap:	0.31	0.30	0.30	0.12	0.31	0.31	0.16	0.10	0.31	0.31	0.11	0.17
Delay/Veh:	44.6	25.2	25.2	30.9	18.0	18.0	40.1	39.1	42.8	37.7	34.5	35.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.6	25.2	25.2	30.9	18.0	18.0	40.1	39.1	42.8	37.7	34.5	35.4
LOS by Move:	D	C	C	C	B	B	D	D	D	D+	C-	D+
HCM2kAvgQ:	2	4	4	1	5	5	1	1	2	3	1	2

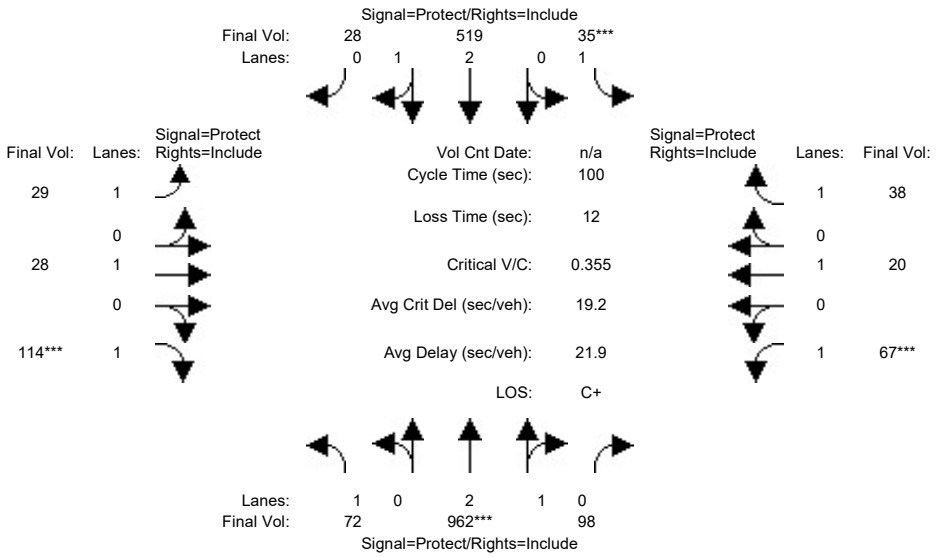
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	72	962	98	35	519	28	29	28	114	67	20	38
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	72	962	98	35	519	28	29	28	114	67	20	38
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	72	962	98	35	519	28	29	28	114	67	20	38
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	72	962	98	35	519	28	29	28	114	67	20	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	72	962	98	35	519	28	29	28	114	67	20	38
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	72	962	98	35	519	28	29	28	114	67	20	38
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.71	0.29	1.00	2.84	0.16	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5082	518	1750	5313	287	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.19	0.19	0.02	0.10	0.10	0.02	0.01	0.07	0.04	0.01	0.02
Crit Moves:		****		****					****	****		
Green Time:	24.5	52.4	52.4	7.0	34.9	34.9	11.8	18.0	18.0	10.6	16.8	16.8
Volume/Cap:	0.17	0.36	0.36	0.29	0.28	0.28	0.14	0.08	0.36	0.36	0.06	0.13
Delay/Veh:	30.6	14.3	14.3	49.9	23.8	23.8	41.0	34.6	39.1	47.0	35.3	36.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.6	14.3	14.3	49.9	23.8	23.8	41.0	34.6	39.1	47.0	35.3	36.3
LOS by Move:	C	B	B	D	C	C	D	C-	D	D	D+	D+
HCM2kAvgQ:	2	7	7	1	4	4	1	1	4	2	1	1

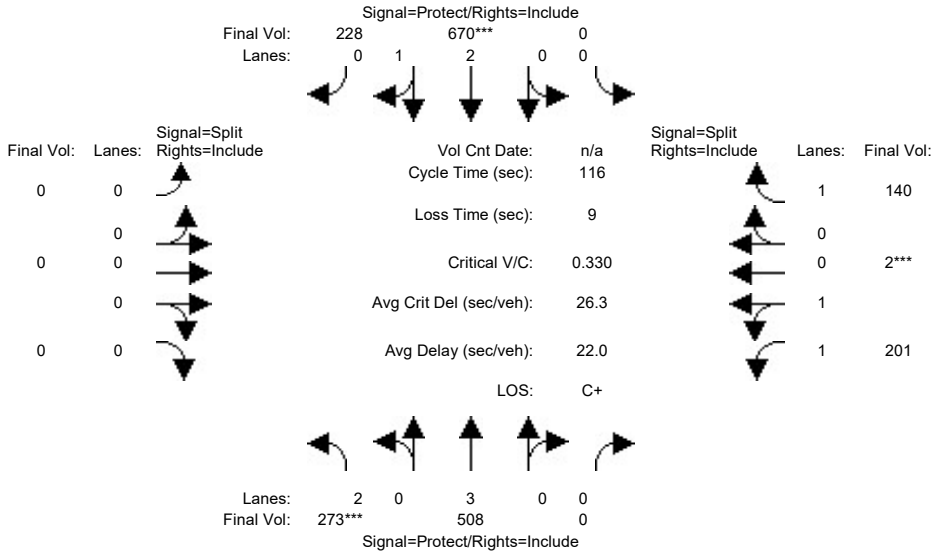
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	273	508	0	0	670	228	0	0	0	201	2	140
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	273	508	0	0	670	228	0	0	0	201	2	140
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	273	508	0	0	670	228	0	0	0	201	2	140
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	273	508	0	0	670	228	0	0	0	201	2	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	273	508	0	0	670	228	0	0	0	201	2	140
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	273	508	0	0	670	228	0	0	0	201	2	140
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.21	0.79	0.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	3150	5700	0	0	4176	1421	0	0	0	3515	35	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.06	0.06	0.08
Crit Moves:	****				****						****	
Green Time:	28.4	80.8	0.0	0.0	52.5	52.5	0.0	0.0	0.0	26.2	26.2	26.2
Volume/Cap:	0.35	0.13	0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.25	0.25	0.35
Delay/Veh:	36.5	5.9	0.0	0.0	20.8	20.8	0.0	0.0	0.0	37.1	37.1	38.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.5	5.9	0.0	0.0	20.8	20.8	0.0	0.0	0.0	37.1	37.1	38.4
LOS by Move:	D+	A	A	A	C+	C+	A	A	A	D+	D+	D+
HCM2kAvgQ:	5	2	0	0	7	7	0	0	0	3	3	5

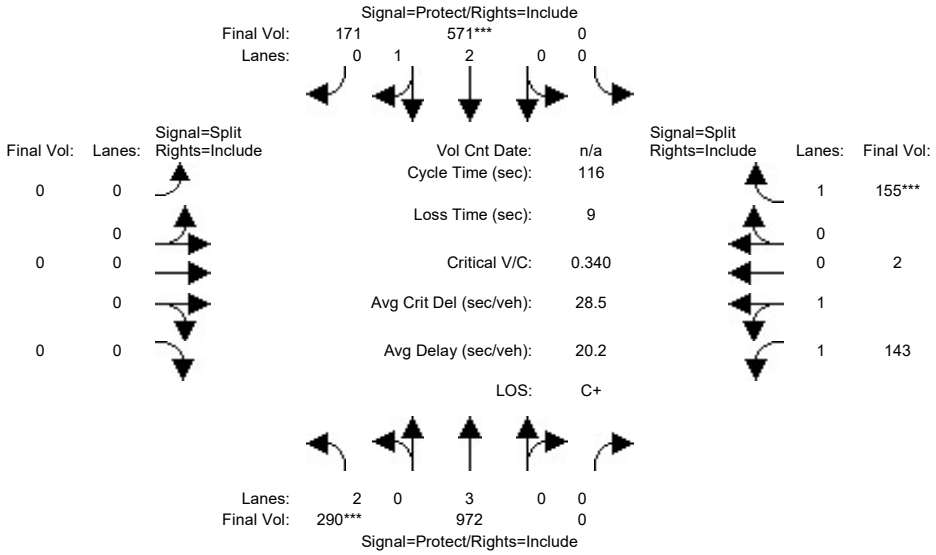
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	290	972	0	0	571	171	0	0	0	143	2	155
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	290	972	0	0	571	171	0	0	0	143	2	155
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	290	972	0	0	571	171	0	0	0	143	2	155
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	290	972	0	0	571	171	0	0	0	143	2	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	290	972	0	0	571	171	0	0	0	143	2	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	290	972	0	0	571	171	0	0	0	143	2	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.28	0.72	0.00	0.00	0.00	1.97	0.03	1.00
Final Sat.:	3150	5700	0	0	4308	1290	0	0	0	3501	49	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.17	0.00	0.00	0.13	0.13	0.00	0.00	0.00	0.04	0.04	0.09
Crit Moves:	****				****							****
Green Time:	31.5	76.7	0.0	0.0	45.3	45.3	0.0	0.0	0.0	30.3	30.3	30.3
Volume/Cap:	0.34	0.26	0.00	0.00	0.34	0.34	0.00	0.00	0.00	0.16	0.16	0.34
Delay/Veh:	34.2	8.0	0.0	0.0	24.9	24.9	0.0	0.0	0.0	33.1	33.1	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.2	8.0	0.0	0.0	24.9	24.9	0.0	0.0	0.0	33.1	33.1	35.2
LOS by Move:	C-	A	A	A	C	C	A	A	A	C-	C-	D+
HCM2kAvgQ:	5	4	0	0	6	6	0	0	0	2	2	5

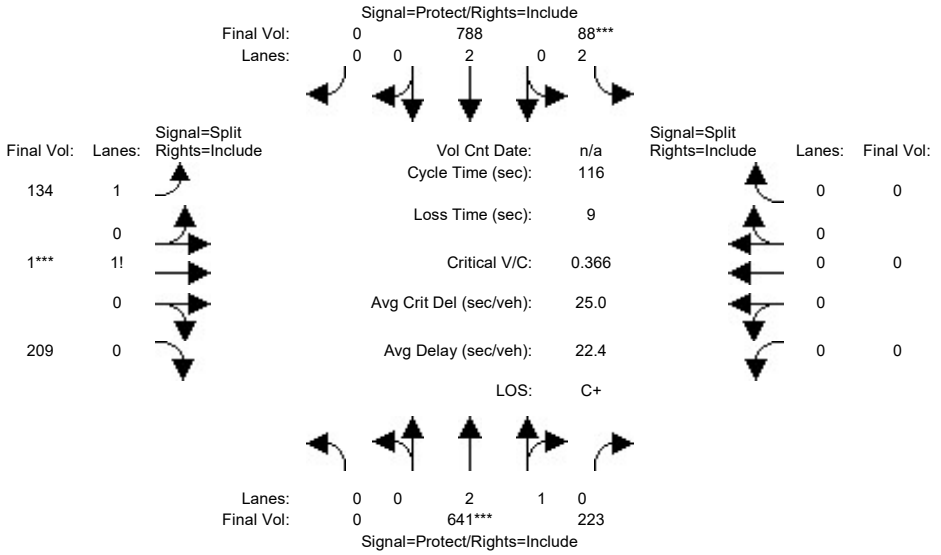
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	641	223	88	788	0	134	1	209	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	641	223	88	788	0	134	1	209	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	641	223	88	788	0	134	1	209	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	641	223	88	788	0	134	1	209	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	641	223	88	788	0	134	1	209	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	641	223	88	788	0	134	1	209	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.20	0.80	2.00	2.00	0.00	1.24	0.01	0.75	0.00	0.00	0.00
Final Sat.:	0	4153	1445	3150	3800	0	2182	6	1349	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.15	0.15	0.03	0.21	0.00	0.06	0.15	0.15	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	49.0	49.0	8.9	57.8	0.0	49.2	49.2	49.2	0.0	0.0	0.0
Volume/Cap:	0.00	0.37	0.37	0.37	0.42	0.00	0.14	0.37	0.37	0.00	0.00	0.00
Delay/Veh:	0.0	23.0	23.0	51.8	18.5	0.0	20.5	23.0	23.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	23.0	23.0	51.8	18.5	0.0	20.5	23.0	23.0	0.0	0.0	0.0
LOS by Move:	A	C+	C+	D-	B-	A	C+	C	C	A	A	A
HCM2kAvgQ:	0	7	7	2	9	0	2	7	7	0	0	0

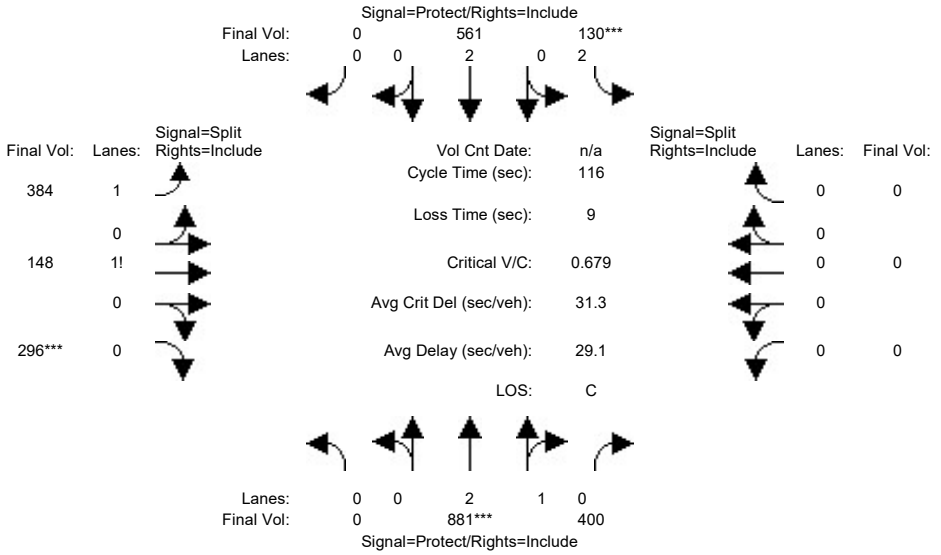
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	881	400	130	561	0	384	148	296	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	881	400	130	561	0	384	148	296	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	881	400	130	561	0	384	148	296	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	881	400	130	561	0	384	148	296	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	881	400	130	561	0	384	148	296	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	881	400	130	561	0	384	148	296	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.03	0.97	2.00	2.00	0.00	1.31	0.23	0.46	0.00	0.00	0.00
Final Sat.:	0	3849	1748	3150	3800	0	2289	415	831	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.23	0.23	0.04	0.15	0.00	0.17	0.36	0.36	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	39.1	39.1	7.0	46.1	0.0	60.9	60.9	60.9	0.0	0.0	0.0
Volume/Cap:	0.00	0.68	0.68	0.68	0.37	0.00	0.32	0.68	0.68	0.00	0.00	0.00
Delay/Veh:	0.0	34.1	34.1	62.8	24.8	0.0	15.8	21.9	21.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	34.1	34.1	62.8	24.8	0.0	15.8	21.9	21.9	0.0	0.0	0.0
LOS by Move:	A	C-	C-	E	C	A	B	C+	C+	A	A	A
HCM2kAvgQ:	0	13	13	3	7	0	6	18	18	0	0	0

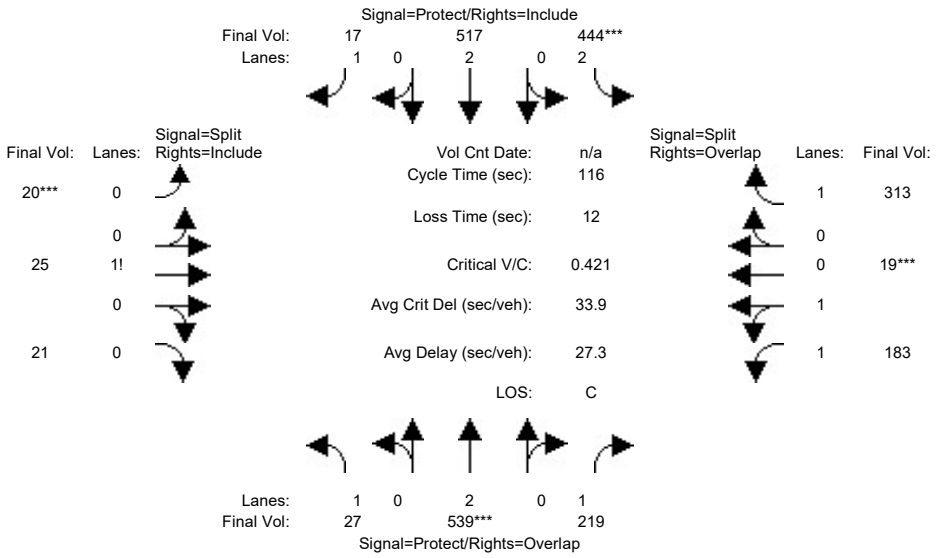
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	27	539	219	444	517	17	20	25	21	183	19	313
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	539	219	444	517	17	20	25	21	183	19	313
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	539	219	444	517	17	20	25	21	183	19	313
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	539	219	444	517	17	20	25	21	183	19	313
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	539	219	444	517	17	20	25	21	183	19	313
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	539	219	444	517	17	20	25	21	183	19	313
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	0.30	0.38	0.32	1.81	0.19	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	530	663	557	3216	334	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.13	0.14	0.14	0.01	0.04	0.04	0.04	0.06	0.06	0.18
Crit Moves:		****		****			****				****	
Green Time:	23.9	39.1	54.8	38.8	54.0	54.0	10.4	10.4	10.4	15.7	15.7	54.5
Volume/Cap:	0.07	0.42	0.27	0.42	0.29	0.02	0.42	0.42	0.42	0.42	0.42	0.38
Delay/Veh:	37.2	29.9	18.6	30.1	19.3	16.8	51.8	51.8	51.8	46.6	46.6	20.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.2	29.9	18.6	30.1	19.3	16.8	51.8	51.8	51.8	46.6	46.6	20.1
LOS by Move:	D+	C	B-	C	B-	B	D-	D-	D-	D	D	C+
HCM2kAvgQ:	1	7	5	7	5	0	3	3	3	3	3	8

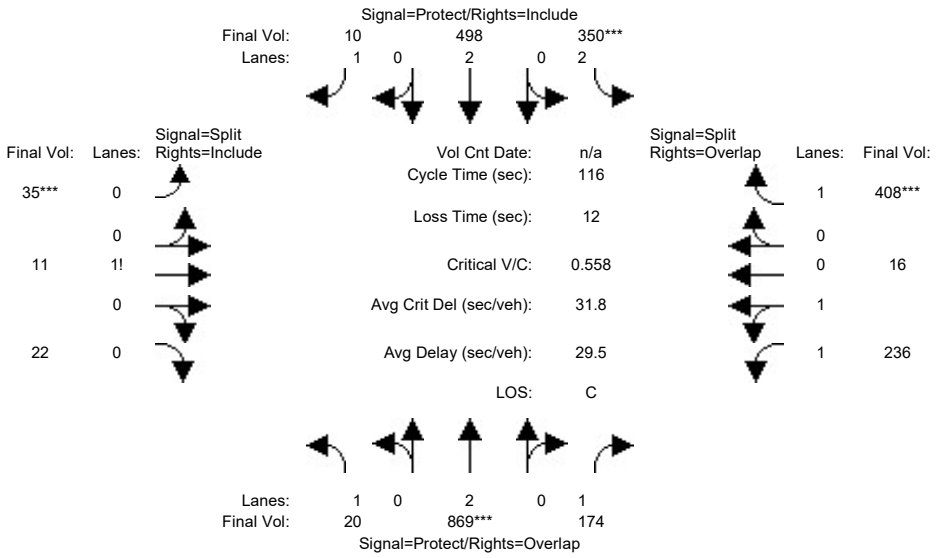
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	20	869	174	350	498	10	35	11	22	236	16	408
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	20	869	174	350	498	10	35	11	22	236	16	408
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	20	869	174	350	498	10	35	11	22	236	16	408
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	20	869	174	350	498	10	35	11	22	236	16	408
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	869	174	350	498	10	35	11	22	236	16	408
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	20	869	174	350	498	10	35	11	22	236	16	408
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	0.52	0.16	0.32	1.87	0.13	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	901	283	566	3325	225	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.23	0.10	0.11	0.13	0.01	0.04	0.04	0.04	0.07	0.07	0.23
Crit Moves:		****		****			****					****
Green Time:	21.8	46.5	71.4	22.6	47.4	47.4	10.0	10.0	10.0	24.8	24.8	47.5
Volume/Cap:	0.06	0.57	0.16	0.57	0.32	0.01	0.45	0.45	0.45	0.33	0.33	0.57
Delay/Veh:	38.8	27.5	9.6	43.6	23.5	20.4	52.5	52.5	52.5	38.8	38.8	27.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.8	27.5	9.6	43.6	23.5	20.4	52.5	52.5	52.5	38.8	38.8	27.5
LOS by Move:	D+	C	A	D	C	C+	D-	D-	D-	D+	D+	C
HCM2kAvgQ:	1	11	3	7	6	0	3	3	3	4	4	12

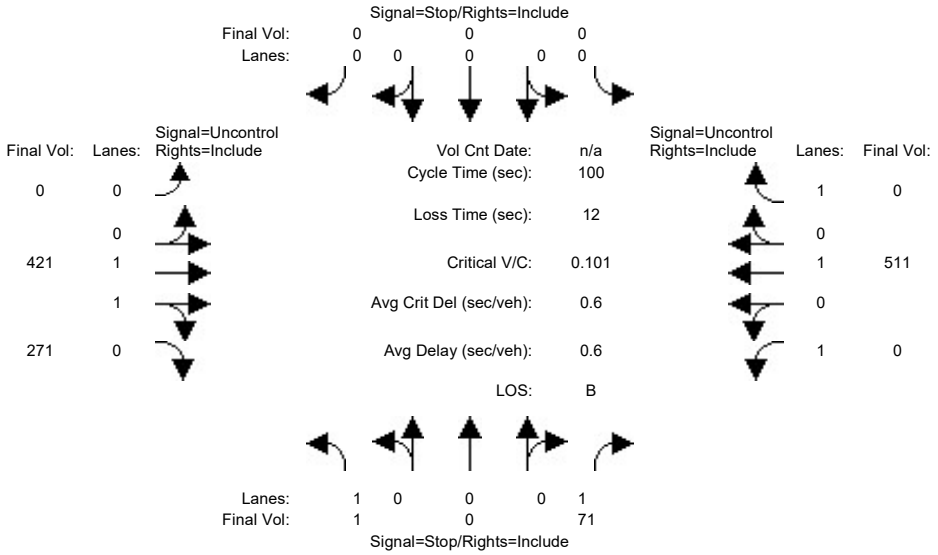
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - AM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	1	0	71	0	0	0	0	421	271	0	511	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	0	71	0	0	0	0	421	271	0	511	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	0	71	0	0	0	0	421	271	0	511	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1	0	71	0	0	0	0	421	271	0	511	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	1	0	71	0	0	0	0	421	271	0	511	0
Critical Gap Module:												
Critical Gp:	6.4	xxxx	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1068	xxxx	346	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	248	xxxx	702	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	248	xxxx	702	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.00	xxxx	0.10	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	0.0	xxxx	0.3	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	19.6	xxxx	10.7	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	C	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	10.8			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	1 0 0 0 1			0 0 0 0 0			0 0 1 1 0			1 0 1 0 1		
Initial Vol:	1	0	71	0	0	0	0	421	271	0	511	0
ApproachDel:	10.8			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.2]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=72]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1275]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	1 0 0 0 1			0 0 0 0 0			0 0 1 1 0			1 0 1 0 1		
Initial Vol:	1	0	71	0	0	0	0	421	271	0	511	0

Major Street Volume: 1203
Minor Approach Volume: 72
Minor Approach Volume Threshold: 295

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

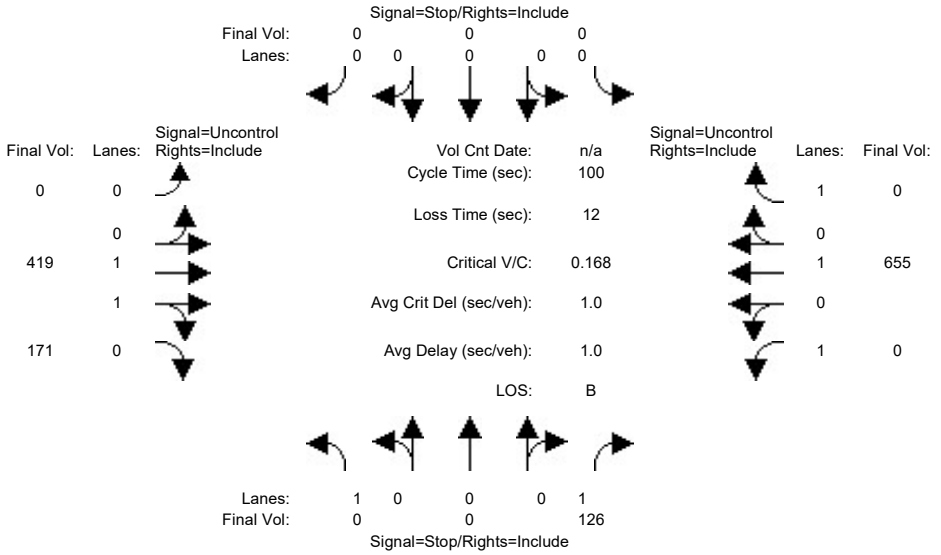
The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - PM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	126	0	0	0	0	419	171	0	655	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	126	0	0	0	0	419	171	0	655	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	126	0	0	0	0	419	171	0	655	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	126	0	0	0	0	419	171	0	655	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	126	0	0	0	0	419	171	0	655	0
Critical Gap Module:												
Critical Gp:	6.4	xxxx	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1160	xxxx	295	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	218	xxxx	749	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	218	xxxx	749	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.00	xxxx	0.17	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	0.6	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	10.8	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	10.8			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  1  1  0    1  0  1  0  1
Initial Vol:    0    0   126     0    0     0     0  419   171     0  655     0
ApproachDel:      10.8           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
   FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=126]
   FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1371]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #6 SAMARITAN/NATIONAL
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  1  1  0    1  0  1  0  1
Initial Vol:    0    0   126     0    0     0     0  419   171     0  655     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1245
Minor Approach Volume:           126
Minor Approach Volume Threshold: 280
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

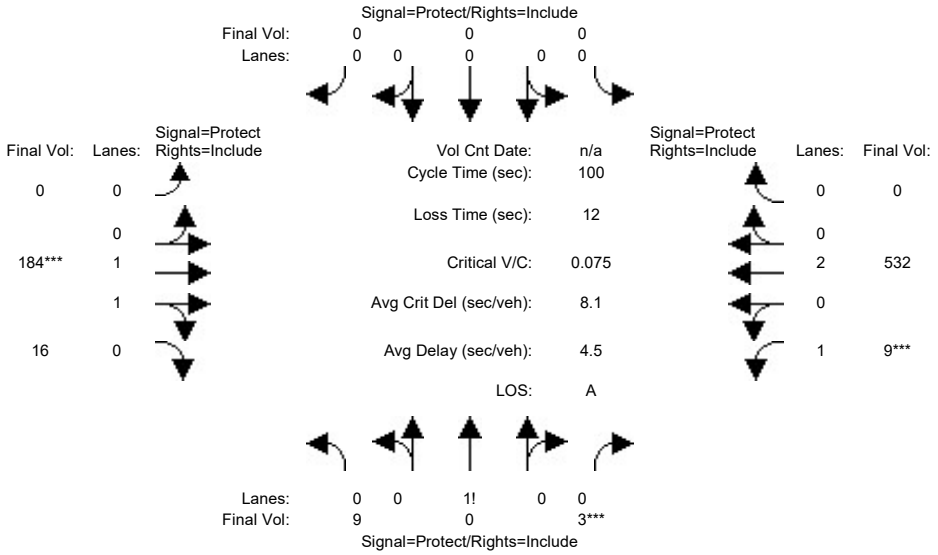
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	9	0	3	0	0	0	0	184	16	9	532	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	9	0	3	0	0	0	0	184	16	9	532	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	9	0	3	0	0	0	0	184	16	9	532	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	0	3	0	0	0	0	184	16	9	532	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	0	3	0	0	0	0	184	16	9	532	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	0	3	0	0	0	0	184	16	9	532	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92
Lanes:	0.75	0.00	0.25	0.00	0.00	0.00	0.00	1.84	0.16	1.00	2.00	0.00
Final Sat.:	1313	0	438	0	0	0	0	3404	296	1750	3800	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.05	0.01	0.14	0.00
Crit Moves:			****					****		****		
Green Time:	10.0	0.0	10.0	0.0	0.0	0.0	0.0	71.0	71.0	7.0	78.0	0.0
Volume/Cap:	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.08	0.08	0.07	0.18	0.00
Delay/Veh:	41.5	0.0	41.5	0.0	0.0	0.0	0.0	4.5	4.5	44.6	2.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.5	0.0	41.5	0.0	0.0	0.0	0.0	4.5	4.5	44.6	2.9	0.0
LOS by Move:	D	A	D	A	A	A	A	A	A	D	A	A
HCM2kAvgQ:	0	0	0	0	0	0	0	1	1	0	2	0

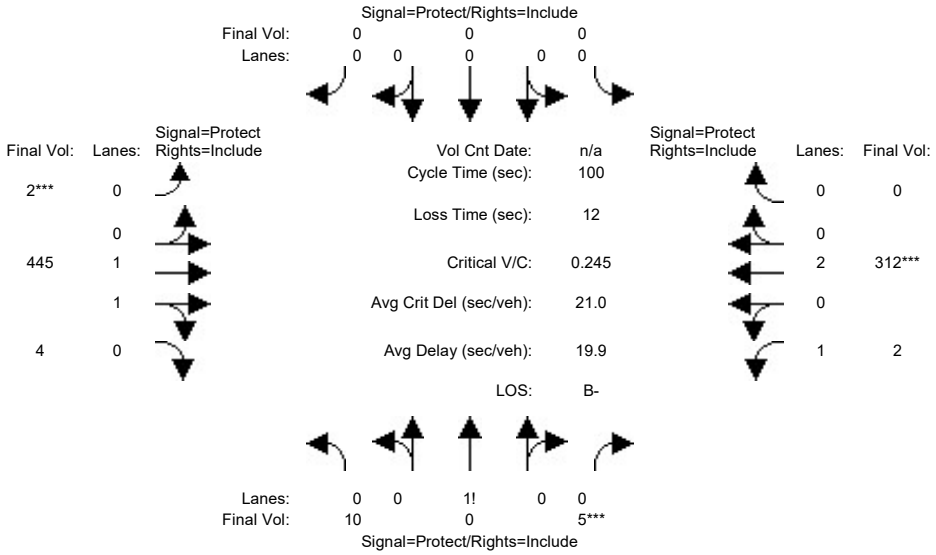
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	10	0	5	0	0	0	2	445	4	2	312	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	0	5	0	0	0	2	445	4	2	312	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	0	5	0	0	0	2	445	4	2	312	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	10	0	5	0	0	0	2	445	4	2	312	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	0	5	0	0	0	2	445	4	2	312	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	10	0	5	0	0	0	2	445	4	2	312	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	1.00	0.92	0.95	0.95	0.95	0.92	1.00	0.92
Lanes:	0.67	0.00	0.33	0.00	0.00	0.00	0.01	1.97	0.02	1.00	2.00	0.00
Final Sat.:	1167	0	583	0	0	0	16	3552	32	1750	3800	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.01	0.00	0.00	0.00	0.13	0.13	0.13	0.00	0.08	0.00
Crit Moves:			****				****				****	
Green Time:	10.0	0.0	10.0	0.0	0.0	0.0	47.1	50.0	50.0	28.0	30.9	0.0
Volume/Cap:	0.09	0.00	0.09	0.00	0.00	0.00	0.27	0.25	0.25	0.00	0.27	0.00
Delay/Veh:	41.8	0.0	41.8	0.0	0.0	0.0	16.4	14.6	14.6	26.0	26.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.8	0.0	41.8	0.0	0.0	0.0	16.4	14.6	14.6	26.0	26.6	0.0
LOS by Move:	D	A	D	A	A	A	B	B	B	C	C	A
HCM2kAvgQ:	1	0	1	0	0	0	4	4	4	0	4	0

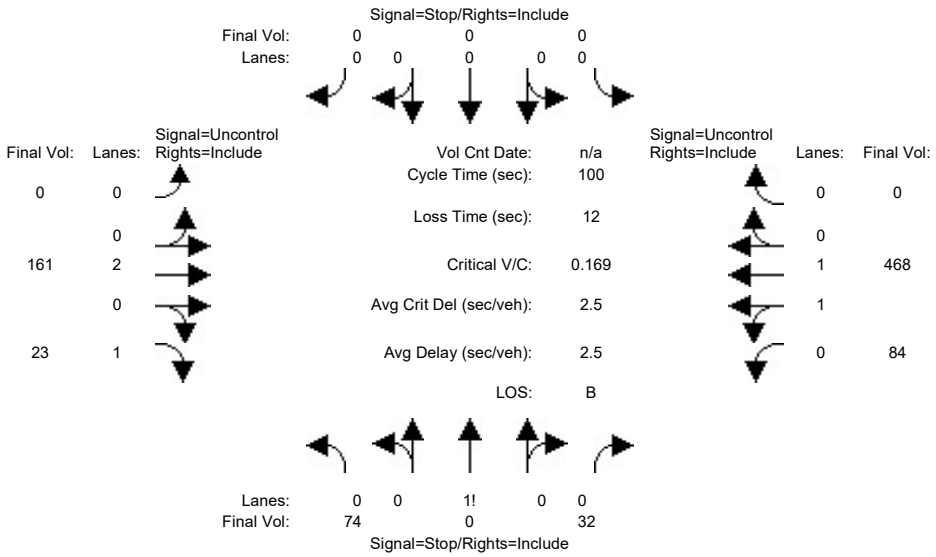
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - AM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	74	0	32	0	0	0	0	161	23	84	468	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	74	0	32	0	0	0	0	161	23	84	468	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	74	0	32	0	0	0	0	161	23	84	468	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	74	0	32	0	0	0	0	161	23	84	468	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	74	0	32	0	0	0	0	161	23	84	468	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	563	797	81	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	184	xxxx	xxxxx
Potent Cap.:	461	322	970	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1403	xxxx	xxxxx
Move Cap.:	439	302	970	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1403	xxxx	xxxxx
Volume/Cap:	0.17	0.00	0.03	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.06	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.7	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	526	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.7	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Shrd ConDel:	xxxxx	13.6	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.7	xxxx	xxxxx
Shared LOS:	*	B	*	*	*	*	*	*	*	A	*	*
ApproachDel:		13.6			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		B			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  1! 0  0    0  0  0  0  0    0  0  2  0  1    0  1  1  0  0
Initial Vol:   74    0    32     0    0     0     0  161    23    84  468     0
ApproachDel:      13.6           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=106]
   SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=842]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #8 SAMARITAN/KINGHURST
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  1! 0  0    0  0  0  0  0    0  0  2  0  1    0  1  1  0  0
Initial Vol:   74    0    32     0    0     0     0  161    23    84  468     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             736
Minor Approach Volume:           106
Minor Approach Volume Threshold: 390
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

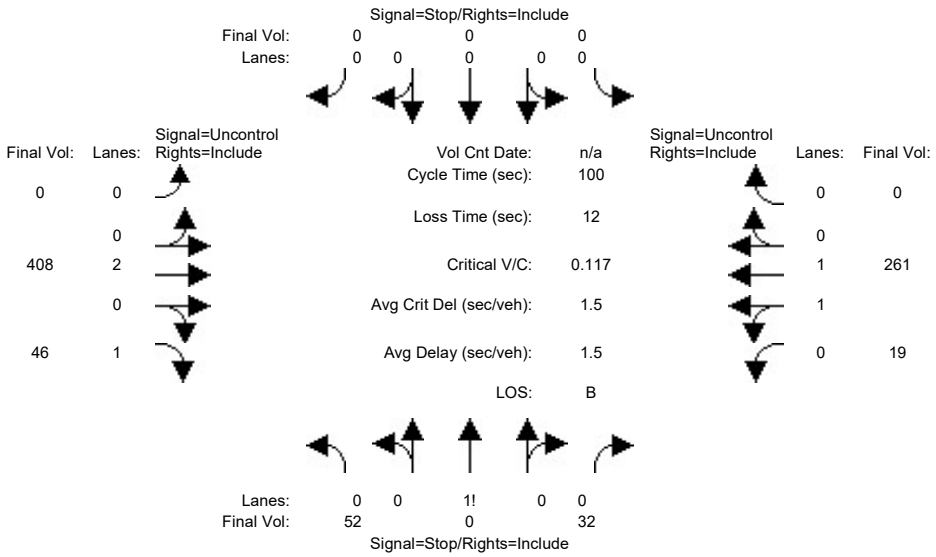
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - PM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	52	0	32	0	0	0	0	408	46	19	261	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	52	0	32	0	0	0	0	408	46	19	261	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	52	0	32	0	0	0	0	408	46	19	261	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	52	0	32	0	0	0	0	408	46	19	261	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	52	0	32	0	0	0	0	408	46	19	261	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	577	707	204	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	454	xxxx	xxxxx
Potent Cap.:	452	363	809	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1117	xxxx	xxxxx
Move Cap.:	446	356	809	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1117	xxxx	xxxxx
Volume/Cap:	0.12	0.00	0.04	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.02	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.3	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	538	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Shrd ConDel:	xxxxx	12.9	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.3	xxxx	xxxxx
Shared LOS:	*	B	*	*	*	*	*	*	*	A	*	*
ApproachDel:		12.9			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		B			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1!	0	0	0 0	0	0	0 0	2	0 1	0 1	1	0 0
Initial Vol:	52	0	32	0	0	0	0	408	46	19	261	0
ApproachDel:	12.9			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.3]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=84]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=818]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1!	0	0	0 0	0	0	0 0	2	0 1	0 1	1	0 0
Initial Vol:	52	0	32	0	0	0	0	408	46	19	261	0

Major Street Volume: 734
Minor Approach Volume: 84
Minor Approach Volume Threshold: 391

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

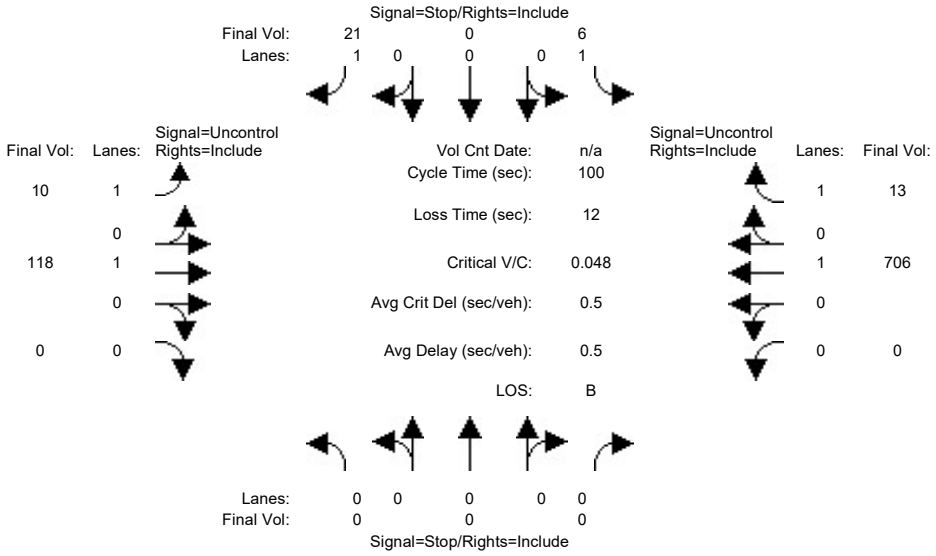
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - AM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	21	10	118	0	0	706	13
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	21	10	118	0	0	706	13
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	21	10	118	0	0	706	13
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	21	10	118	0	0	706	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	21	10	118	0	0	706	13
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	844	xxxx	706	719	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	336	xxxx	439	892	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	333	xxxx	439	892	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.02	xxxx	0.05	0.01	xxxx	xxxx	xxxx	xxxx	xxxx

Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.2	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	16.0	xxxx	13.6	9.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	B	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			14.1			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	21	10	118	0	0	706	13
ApproachDel:	xxxxxx			14.1			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=27]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=874]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	21	10	118	0	0	706	13

Major Street Volume: 847
Minor Approach Volume: 27
Minor Approach Volume Threshold: 445

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

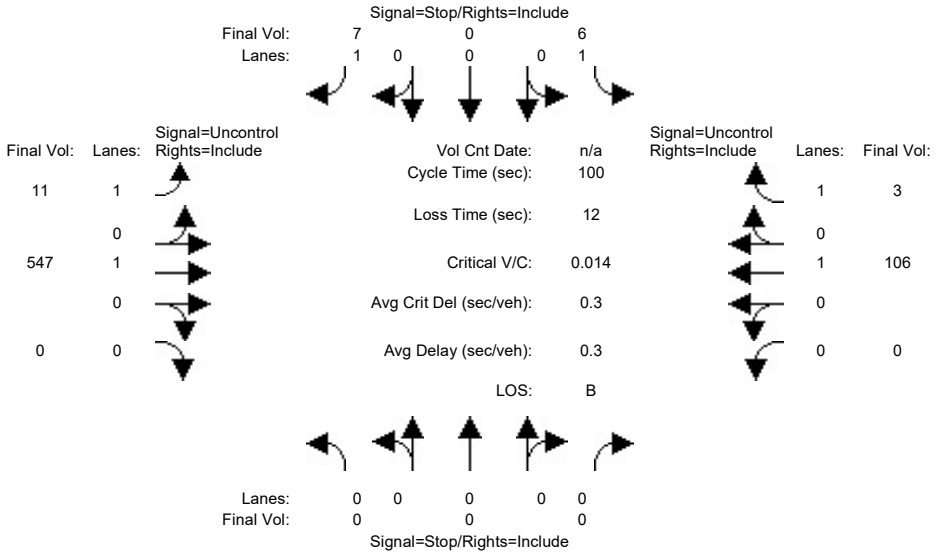
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - PM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	7	11	547	0	0	106	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	7	11	547	0	0	106	3
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	7	11	547	0	0	106	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	7	11	547	0	0	106	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	7	11	547	0	0	106	3
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	675	xxxx	106	109	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	422	xxxx	954	1494	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	420	xxxx	954	1494	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.01	xxxx	0.01	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.0	xxxx	0.0	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	13.7	xxxx	8.8	7.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	B	*	A	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			11.1			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	7	11	547	0	0	106	3
ApproachDel:	xxxxxx			11.1			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=13]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=680]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	7	11	547	0	0	106	3

Major Street Volume: 667
Minor Approach Volume: 13
Minor Approach Volume Threshold: 548

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

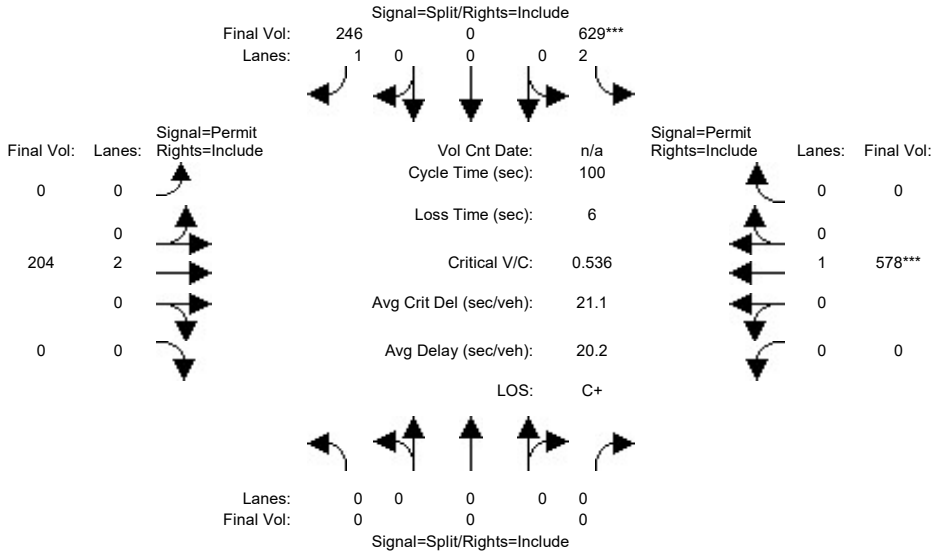
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	629	0	246	0	204	0	0	578	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	629	0	246	0	204	0	0	578	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	629	0	246	0	204	0	0	578	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	629	0	246	0	204	0	0	578	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	629	0	246	0	204	0	0	578	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	629	0	246	0	204	0	0	578	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.20	0.00	0.14	0.00	0.05	0.00	0.00	0.30	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	37.3	0.0	37.3	0.0	56.7	0.0	0.0	56.7	0.0
Volume/Cap:	0.00	0.00	0.00	0.54	0.00	0.38	0.00	0.09	0.00	0.00	0.54	0.00
Delay/Veh:	0.0	0.0	0.0	26.4	0.0	24.6	0.0	10.0	0.0	0.0	15.4	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	26.4	0.0	24.6	0.0	10.0	0.0	0.0	15.4	0.0
LOS by Move:	A	A	A	C	A	C	A	A	A	A	B	A
HCM2kAvgQ:	0	0	0	9	0	6	0	1	0	0	11	0

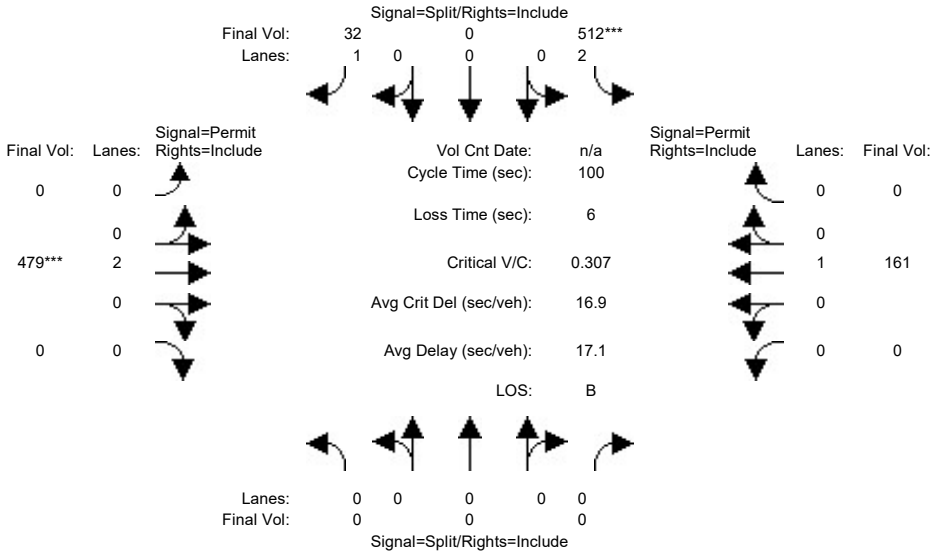
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	512	0	32	0	479	0	0	161	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	512	0	32	0	479	0	0	161	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	512	0	32	0	479	0	0	161	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	512	0	32	0	479	0	0	161	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	512	0	32	0	479	0	0	161	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	512	0	32	0	479	0	0	161	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.16	0.00	0.02	0.00	0.13	0.00	0.00	0.08	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	52.9	0.0	52.9	0.0	41.1	0.0	0.0	41.1	0.0
Volume/Cap:	0.00	0.00	0.00	0.31	0.00	0.03	0.00	0.31	0.00	0.00	0.21	0.00
Delay/Veh:	0.0	0.0	0.0	13.7	0.0	11.3	0.0	20.4	0.0	0.0	19.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	13.7	0.0	11.3	0.0	20.4	0.0	0.0	19.6	0.0
LOS by Move:	A	A	A	B	A	B+	A	C+	A	A	B-	A
HCM2kAvgQ:	0	0	0	5	0	0	0	5	0	0	3	0

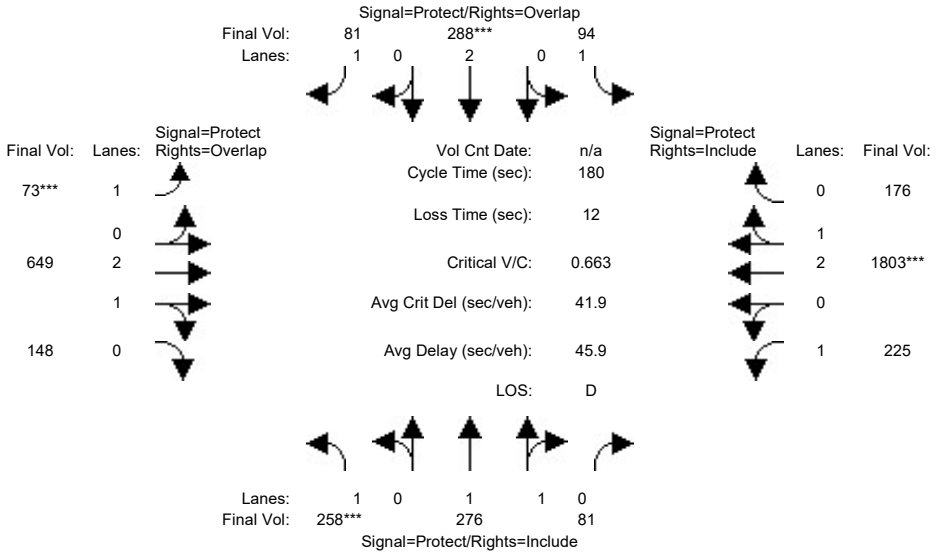
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	258	276	81	94	288	81	73	649	148	225	1803	176
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	258	276	81	94	288	81	73	649	148	225	1803	176
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	258	276	81	94	288	81	73	649	148	225	1803	176
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	258	276	81	94	288	81	73	649	148	225	1803	176
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	258	276	81	94	288	81	73	649	148	225	1803	176
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	258	276	81	94	288	81	73	649	148	225	1803	176
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	0.99	0.95	0.92	0.99	0.95
Lanes:	1.00	1.53	0.47	1.00	2.00	1.00	1.00	2.42	0.58	1.00	2.72	0.28
Final Sat.:	1750	2860	839	1750	3800	1750	1750	4559	1040	1750	5101	498
Capacity Analysis Module:												
Vol/Sat:	0.15	0.10	0.10	0.05	0.08	0.05	0.04	0.14	0.14	0.13	0.35	0.35
Crit Moves:	****				****		****				****	
Green Time:	40.1	39.0	39.0	21.7	20.6	31.9	11.3	56.4	96.5	50.9	96.0	96.0
Volume/Cap:	0.66	0.45	0.45	0.45	0.66	0.26	0.66	0.45	0.27	0.45	0.66	0.66
Delay/Veh:	68.0	61.6	61.6	75.1	80.2	64.3	96.6	49.7	22.6	53.8	30.9	30.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.0	61.6	61.6	75.1	80.2	64.3	96.6	49.7	22.6	53.8	30.9	30.9
LOS by Move:	E	E	E	E-	F	E	F	D	C+	D-	C	C
HCM2kAvgQ:	15	9	9	6	9	4	5	12	8	11	26	26

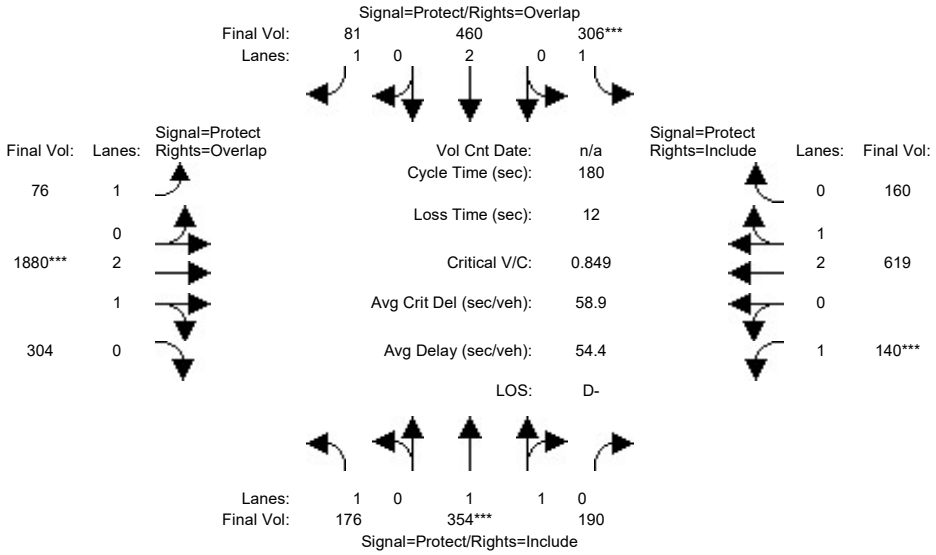
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	354	190	306	460	81	76	1880	304	140	619	160
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	354	190	306	460	81	76	1880	304	140	619	160
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	354	190	306	460	81	76	1880	304	140	619	160
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	354	190	306	460	81	76	1880	304	140	619	160
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	354	190	306	460	81	76	1880	304	140	619	160
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	354	190	306	460	81	76	1880	304	140	619	160
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	0.99	0.95	0.92	0.99	0.95
Lanes:	1.00	1.28	0.72	1.00	2.00	1.00	1.00	2.57	0.43	1.00	2.36	0.64
Final Sat.:	1750	2407	1292	1750	3800	1750	1750	4819	779	1750	4448	1150
Capacity Analysis Module:												
Vol/Sat:	0.10	0.15	0.15	0.17	0.12	0.05	0.04	0.39	0.39	0.08	0.14	0.14
Crit Moves:		****		****				****		****		
Green Time:	31.0	31.2	31.2	37.1	37.3	61.0	23.7	82.7	113.7	17.0	76.0	76.0
Volume/Cap:	0.58	0.85	0.85	0.85	0.58	0.14	0.33	0.85	0.62	0.85	0.33	0.33
Delay/Veh:	71.5	82.5	82.5	85.7	65.5	41.3	71.8	45.9	20.3	111.9	35.0	35.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.5	82.5	82.5	85.7	65.5	41.3	71.8	45.9	20.3	111.9	35.0	35.0
LOS by Move:	E	F	F	F	E	D	E	D	C+	F	C-	C-
HCM2kAvgQ:	10	17	17	20	12	3	4	37	24	10	9	9

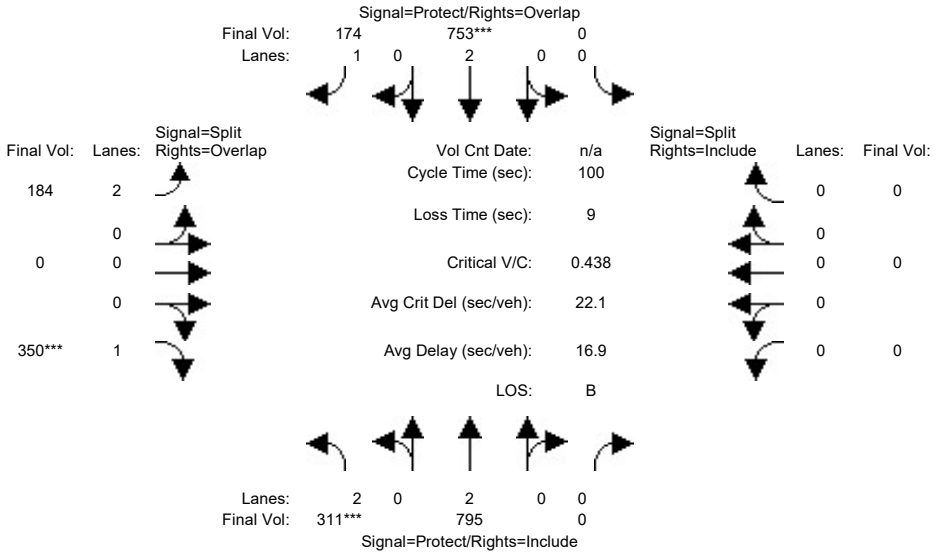
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	311	795	0	0	753	174	184	0	350	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	311	795	0	0	753	174	184	0	350	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	311	795	0	0	753	174	184	0	350	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	311	795	0	0	753	174	184	0	350	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	311	795	0	0	753	174	184	0	350	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	311	795	0	0	753	174	184	0	350	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.21	0.00	0.00	0.20	0.10	0.06	0.00	0.20	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	22.6	67.9	0.0	0.0	45.3	68.4	23.1	0.0	45.7	0.0	0.0	0.0
Volume/Cap:	0.44	0.31	0.00	0.00	0.44	0.15	0.25	0.00	0.44	0.00	0.00	0.00
Delay/Veh:	33.7	6.6	0.0	0.0	18.8	5.6	31.5	0.0	18.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.7	6.6	0.0	0.0	18.8	5.6	31.5	0.0	18.8	0.0	0.0	0.0
LOS by Move:	C-	A	A	A	B-	A	C	A	B-	A	A	A
HCM2kAvgQ:	5	5	0	0	8	2	3	0	8	0	0	0

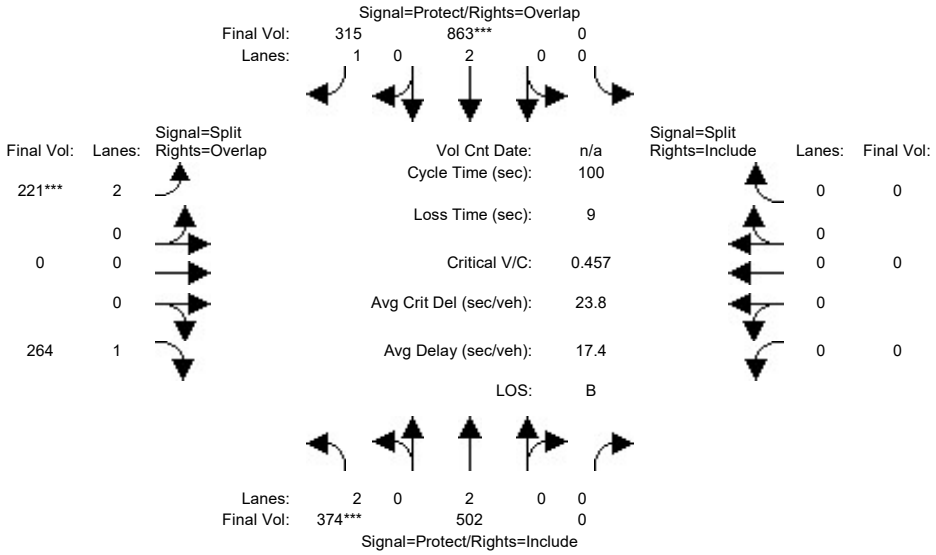
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	374	502	0	0	863	315	221	0	264	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	374	502	0	0	863	315	221	0	264	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	374	502	0	0	863	315	221	0	264	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	374	502	0	0	863	315	221	0	264	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	374	502	0	0	863	315	221	0	264	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	374	502	0	0	863	315	221	0	264	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.12	0.13	0.00	0.00	0.23	0.18	0.07	0.00	0.15	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	26.0	75.7	0.0	0.0	49.7	65.0	15.3	0.0	41.3	0.0	0.0	0.0
Volume/Cap:	0.46	0.17	0.00	0.00	0.46	0.28	0.46	0.00	0.37	0.00	0.00	0.00
Delay/Veh:	31.5	3.4	0.0	0.0	16.6	7.6	39.2	0.0	20.6	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.5	3.4	0.0	0.0	16.6	7.6	39.2	0.0	20.6	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	A	D	A	C+	A	A	A
HCM2kAvgQ:	6	2	0	0	9	4	4	0	6	0	0	0

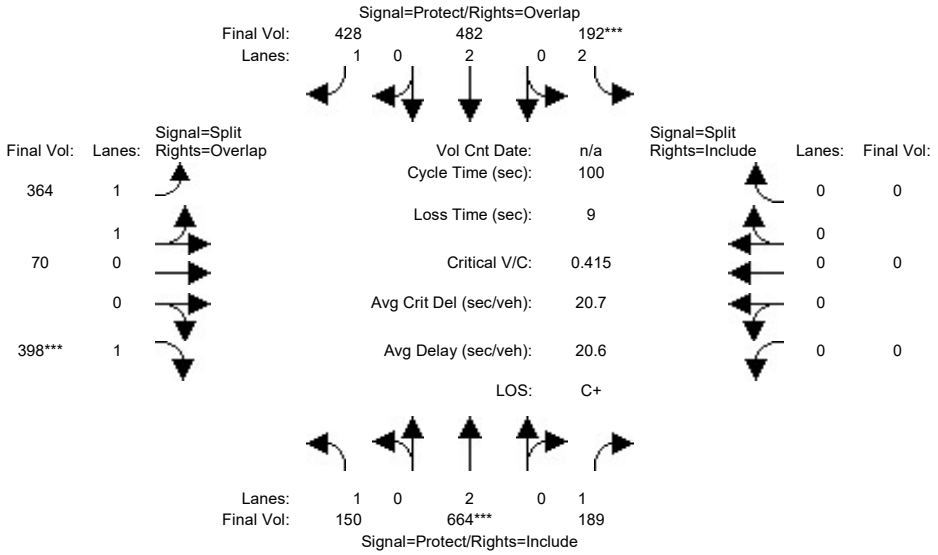
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	150	664	189	192	482	428	364	70	398	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	150	664	189	192	482	428	364	70	398	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	150	664	189	192	482	428	364	70	398	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	150	664	189	192	482	428	364	70	398	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	150	664	189	192	482	428	364	70	398	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	150	664	189	192	482	428	364	70	398	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.68	0.32	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2977	573	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.17	0.11	0.06	0.13	0.24	0.12	0.12	0.23	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	22.9	42.1	42.1	14.7	33.9	68.1	34.2	34.2	57.1	0.0	0.0	0.0
Volume/Cap:	0.37	0.41	0.26	0.41	0.37	0.36	0.36	0.36	0.40	0.00	0.00	0.00
Delay/Veh:	33.1	20.5	19.0	39.3	25.2	6.9	24.9	24.9	12.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.1	20.5	19.0	39.3	25.2	6.9	24.9	24.9	12.2	0.0	0.0	0.0
LOS by Move:	C-	C+	B-	D	C	A	C	C	B	A	A	A
HCM2kAvgQ:	4	7	4	3	5	6	5	5	7	0	0	0

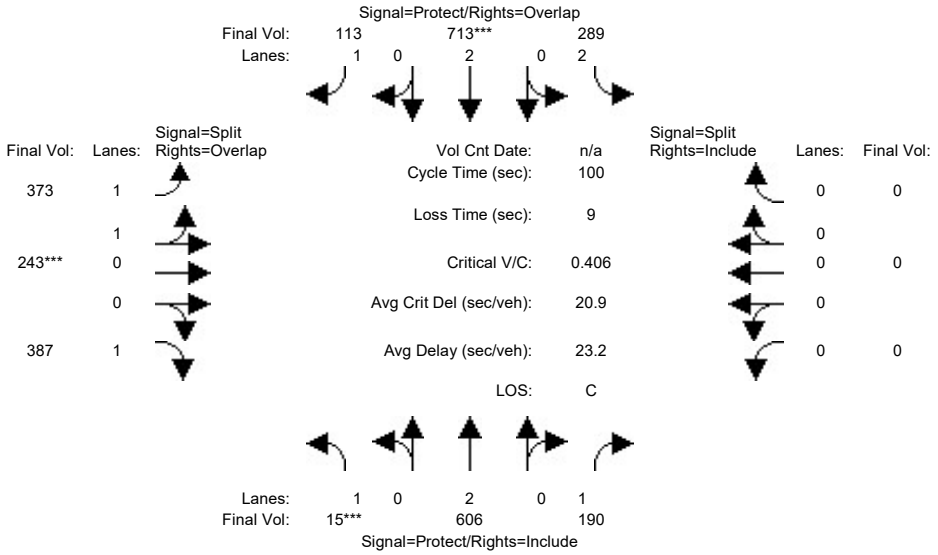
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	15	606	190	289	713	113	373	243	387	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	15	606	190	289	713	113	373	243	387	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	606	190	289	713	113	373	243	387	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	15	606	190	289	713	113	373	243	387	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	15	606	190	289	713	113	373	243	387	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	15	606	190	289	713	113	373	243	387	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.22	0.78	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2149	1400	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.16	0.11	0.09	0.19	0.06	0.17	0.17	0.22	0.00	0.00	0.00
Crit Moves:	****				****			****				
Green Time:	7.0	32.1	32.1	18.5	43.6	84.0	40.4	40.4	47.4	0.0	0.0	0.0
Volume/Cap:	0.12	0.50	0.34	0.50	0.43	0.08	0.43	0.43	0.47	0.00	0.00	0.00
Delay/Veh:	44.1	27.7	26.2	37.2	19.7	1.4	21.7	21.7	18.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.1	27.7	26.2	37.2	19.7	1.4	21.7	21.7	18.2	0.0	0.0	0.0
LOS by Move:	D	C	C	D+	B-	A	C+	C+	B-	A	A	A
HCM2kAvgQ:	0	7	5	5	7	1	7	7	8	0	0	0

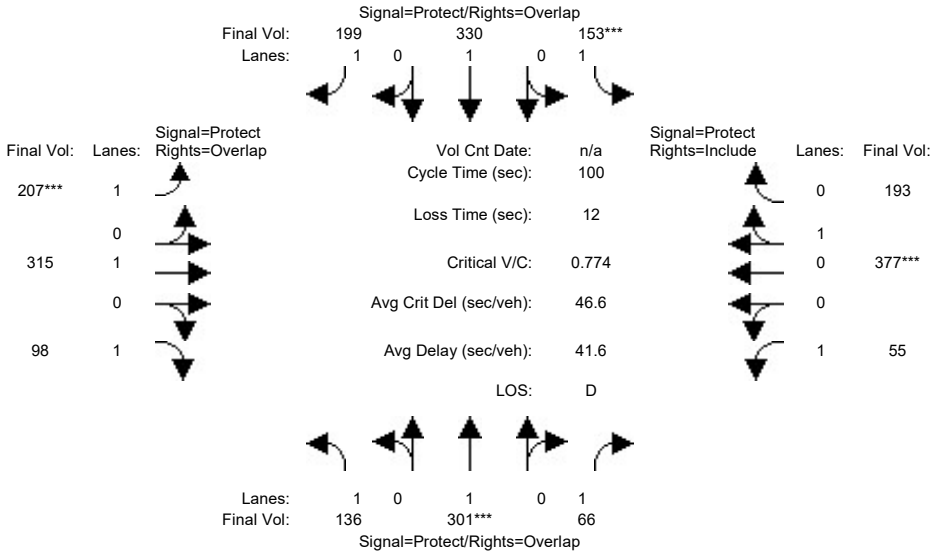
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	136	301	66	153	330	199	207	315	98	55	377	193
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	136	301	66	153	330	199	207	315	98	55	377	193
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	136	301	66	153	330	199	207	315	98	55	377	193
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	136	301	66	153	330	199	207	315	98	55	377	193
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	136	301	66	153	330	199	207	315	98	55	377	193
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	136	301	66	153	330	199	207	315	98	55	377	193
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.66	0.34
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1191	609
Capacity Analysis Module:												
Vol/Sat:	0.08	0.16	0.04	0.09	0.17	0.11	0.12	0.17	0.06	0.03	0.32	0.32
Crit Moves:		****			****			****			****	
Green Time:	9.8	20.5	37.2	11.3	22.0	37.2	15.3	39.5	49.4	16.7	40.9	40.9
Volume/Cap:	0.79	0.77	0.10	0.77	0.79	0.31	0.77	0.42	0.11	0.19	0.77	0.77
Delay/Veh:	74.1	51.5	20.8	68.1	51.1	23.4	60.0	23.6	13.9	37.3	33.3	33.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	74.1	51.5	20.8	68.1	51.1	23.4	60.0	23.6	13.9	37.3	33.3	33.3
LOS by Move:	E	D-	C+	E	D-	C	E	C	B	D+	C-	C-
HCM2kAvgQ:	7	11	1	6	11	5	7	7	2	2	17	17

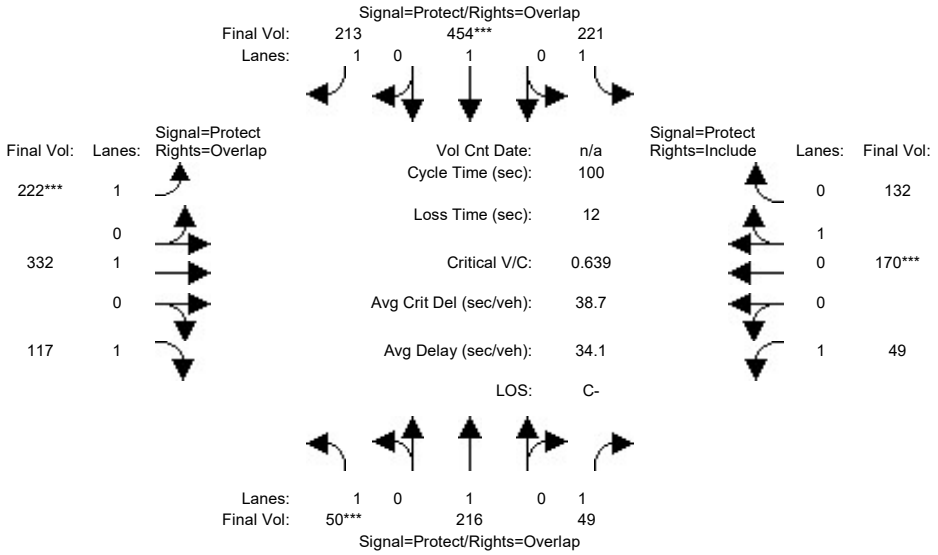
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	50	216	49	221	454	213	222	332	117	49	170	132
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	50	216	49	221	454	213	222	332	117	49	170	132
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	50	216	49	221	454	213	222	332	117	49	170	132
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	50	216	49	221	454	213	222	332	117	49	170	132
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	50	216	49	221	454	213	222	332	117	49	170	132
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	50	216	49	221	454	213	222	332	117	49	170	132
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.56	0.44
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1013	787
Capacity Analysis Module:												
Vol/Sat:	0.03	0.11	0.03	0.13	0.24	0.12	0.13	0.17	0.07	0.03	0.17	0.17
Crit Moves:	****				****		****				****	
Green Time:	7.0	20.5	33.3	22.8	36.3	55.5	19.3	31.9	38.9	12.8	25.5	25.5
Volume/Cap:	0.41	0.55	0.08	0.55	0.66	0.22	0.66	0.55	0.17	0.22	0.66	0.66
Delay/Veh:	54.3	41.3	23.2	39.6	31.6	11.8	47.0	31.6	20.5	41.4	40.6	40.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.3	41.3	23.2	39.6	31.6	11.8	47.0	31.6	20.5	41.4	40.6	40.6
LOS by Move:	D-	D	C	D	C	B+	D	C	C+	D	D	D
HCM2kAvgQ:	2	7	1	7	12	4	7	9	3	2	10	10

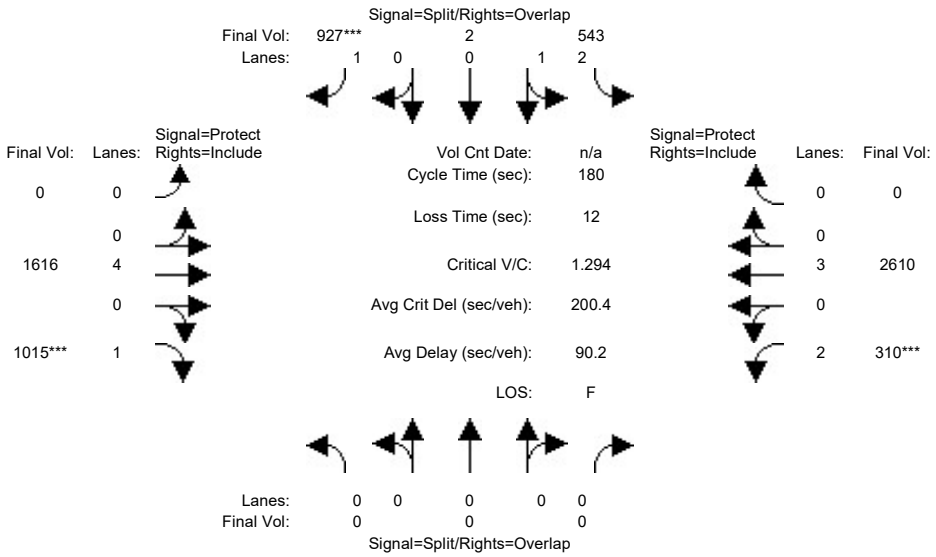
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	543	2	927	0	1616	1015	310	2610	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	543	2	927	0	1616	1015	310	2610	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	543	2	927	0	1616	1015	310	2610	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	543	2	927	0	1616	1015	310	2610	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	543	2	927	0	1616	1015	310	2610	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	543	2	927	0	1616	1015	310	2610	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	18	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.11	0.11	0.53	0.00	0.21	0.58	0.10	0.46	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	73.7	73.7	73.7	0.0	80.7	80.7	13.7	94.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.27	0.27	1.29	0.00	0.47	1.29	1.29	0.87	0.00
Delay/Veh:	0.0	0.0	0.0	35.4	35.4	195.9	0.0	34.9	191.6	243.0	40.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.4	35.4	195.9	0.0	34.9	191.6	243.0	40.7	0.0
LOS by Move:	A	A	A	D+	D+	F	A	C-	F	F	D	A
HCM2kAvgQ:	0	0	0	7	7	83	0	15	90	15	41	0

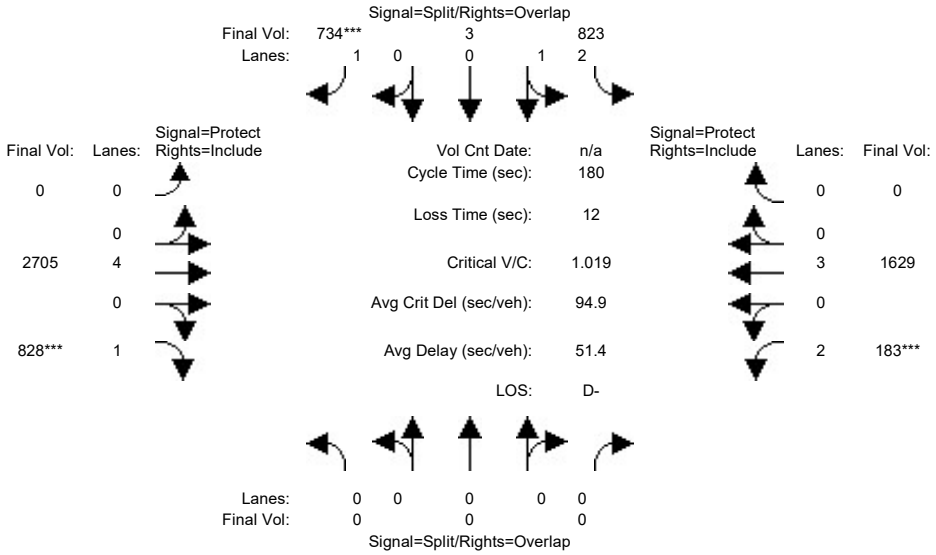
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	823	3	734	0	2705	828	183	1629	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	823	3	734	0	2705	828	183	1629	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	823	3	734	0	2705	828	183	1629	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	823	3	734	0	2705	828	183	1629	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	823	3	734	0	2705	828	183	1629	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	823	3	734	0	2705	828	183	1629	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	18	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.17	0.42	0.00	0.36	0.47	0.06	0.29	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	74.1	74.1	74.1	0.0	83.6	83.6	10.3	93.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.41	0.41	1.02	0.00	0.77	1.02	1.02	0.55	0.00
Delay/Veh:	0.0	0.0	0.0	37.5	37.5	91.2	0.0	41.1	84.5	156.9	29.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.5	37.5	91.2	0.0	41.1	84.5	156.9	29.1	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D	F	F	C	A
HCM2kAvgQ:	0	0	0	12	12	51	0	31	57	7	19	0

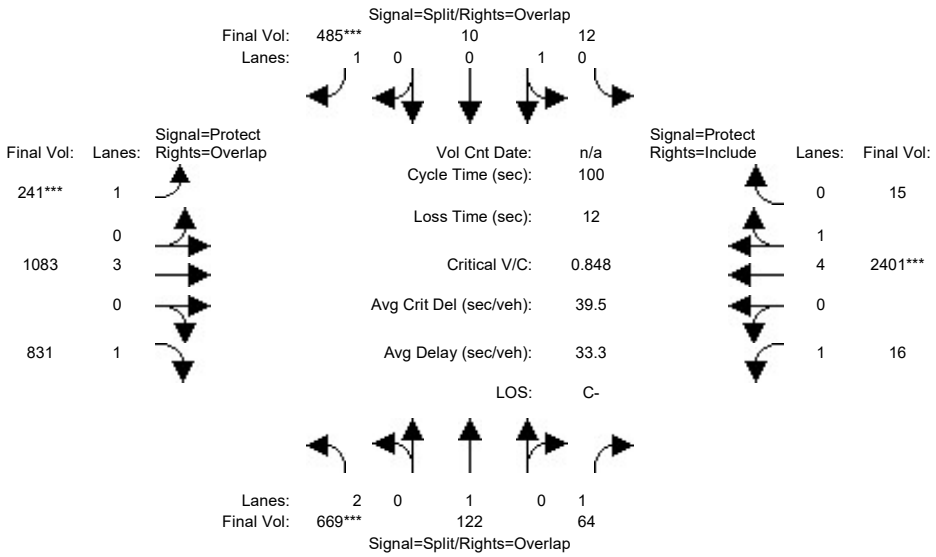
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	669	122	64	12	10	485	241	1083	831	16	2401	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	669	122	64	12	10	485	241	1083	831	16	2401	15
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	669	122	64	12	10	485	241	1083	831	16	2401	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	669	122	64	12	10	485	241	1083	831	16	2401	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	669	122	64	12	10	485	241	1083	831	16	2401	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	669	122	64	12	10	485	241	1083	831	16	2401	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.55	0.45	1.00	1.00	3.00	1.00	1.00	4.97	0.03
Final Sat.:	3150	1900	1750	982	818	1750	1750	5700	1750	1750	9342	58
Capacity Analysis Module:												
Vol/Sat:	0.21	0.06	0.04	0.01	0.01	0.28	0.14	0.19	0.47	0.01	0.26	0.26
Crit Moves:	****					****	****				****	
Green Time:	25.0	25.0	34.8	16.4	16.4	32.7	16.2	36.7	61.8	9.8	30.3	30.3
Volume/Cap:	0.85	0.26	0.10	0.07	0.07	0.85	0.85	0.52	0.77	0.09	0.85	0.85
Delay/Veh:	44.3	30.3	22.1	35.5	35.5	42.8	61.3	24.9	17.3	41.3	35.3	35.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.3	30.3	22.1	35.5	35.5	42.8	61.3	24.9	17.3	41.3	35.3	35.3
LOS by Move:	D	C	C+	D+	D+	D	E	C	B	D	D+	D+
HCM2kAvgQ:	15	3	1	1	1	18	8	8	20	0	14	14

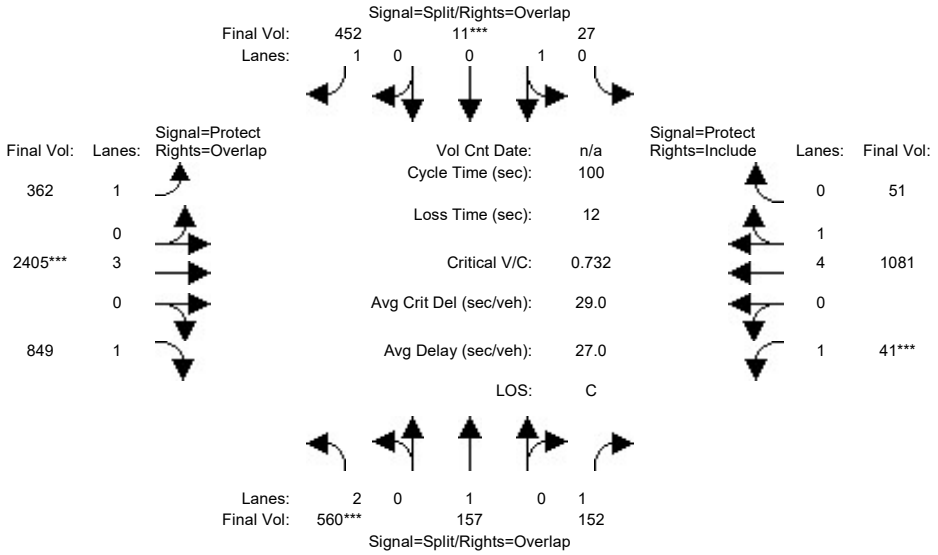
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	560	157	152	27	11	452	362	2405	849	41	1081	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	560	157	152	27	11	452	362	2405	849	41	1081	51
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	560	157	152	27	11	452	362	2405	849	41	1081	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	560	157	152	27	11	452	362	2405	849	41	1081	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	560	157	152	27	11	452	362	2405	849	41	1081	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	560	157	152	27	11	452	362	2405	849	41	1081	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.71	0.29	1.00	1.00	3.00	1.00	1.00	4.76	0.24
Final Sat.:	3150	1900	1750	1279	521	1750	1750	5700	1750	1750	8976	423
Capacity Analysis Module:												
Vol/Sat:	0.18	0.08	0.09	0.02	0.02	0.26	0.21	0.42	0.49	0.02	0.12	0.12
Crit Moves:	****				****			****			****	
Green Time:	21.0	21.0	28.0	10.0	10.0	46.0	36.0	50.0	71.0	7.0	21.0	21.0
Volume/Cap:	0.84	0.39	0.31	0.21	0.21	0.56	0.57	0.84	0.68	0.33	0.57	0.57
Delay/Veh:	47.6	34.6	28.7	42.0	42.0	20.6	27.1	24.2	9.8	45.9	35.9	35.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.6	34.6	28.7	42.0	42.0	20.6	27.1	24.2	9.8	45.9	35.9	35.9
LOS by Move:	D	C-	C	D	D	C+	C	C	A	D	D+	D+
HCM2kAvgQ:	13	4	4	1	1	11	9	21	15	1	6	6

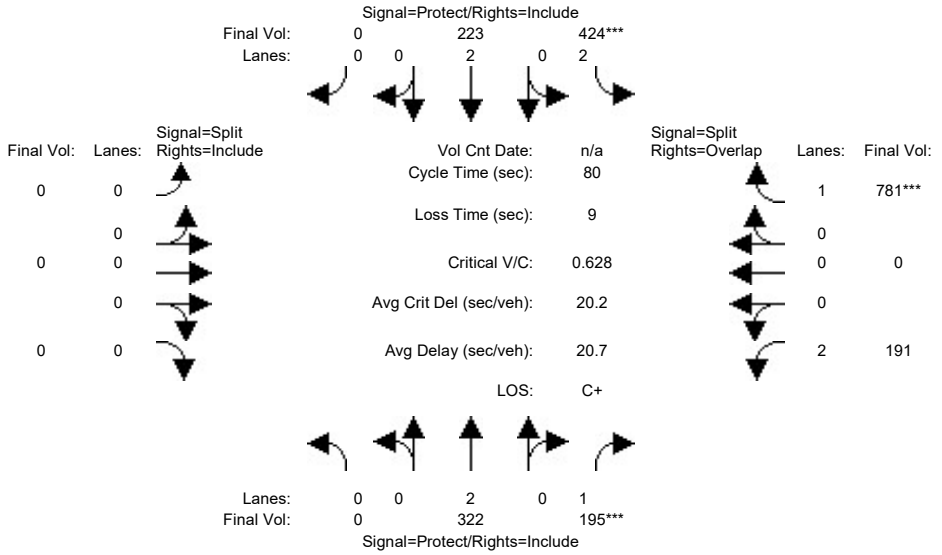
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	322	195	424	223	0	0	0	0	191	0	781
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	322	195	424	223	0	0	0	0	191	0	781
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	322	195	424	223	0	0	0	0	191	0	781
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	322	195	424	223	0	0	0	0	191	0	781
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	322	195	424	223	0	0	0	0	191	0	781
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	322	195	424	223	0	0	0	0	191	0	781
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.11	0.13	0.06	0.00	0.00	0.00	0.00	0.06	0.00	0.45
Crit Moves:			****	****								****
Green Time:	0.0	14.2	14.2	17.1	31.3	0.0	0.0	0.0	0.0	39.7	0.0	56.8
Volume/Cap:	0.00	0.48	0.63	0.63	0.15	0.00	0.00	0.00	0.00	0.12	0.00	0.63
Delay/Veh:	0.0	32.0	39.8	32.9	15.9	0.0	0.0	0.0	0.0	11.0	0.0	8.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	32.0	39.8	32.9	15.9	0.0	0.0	0.0	0.0	11.0	0.0	8.5
LOS by Move:	A	C	D	C-	B	A	A	A	A	B+	A	A
HCM2kAvgQ:	0	4	6	7	2	0	0	0	0	1	0	12

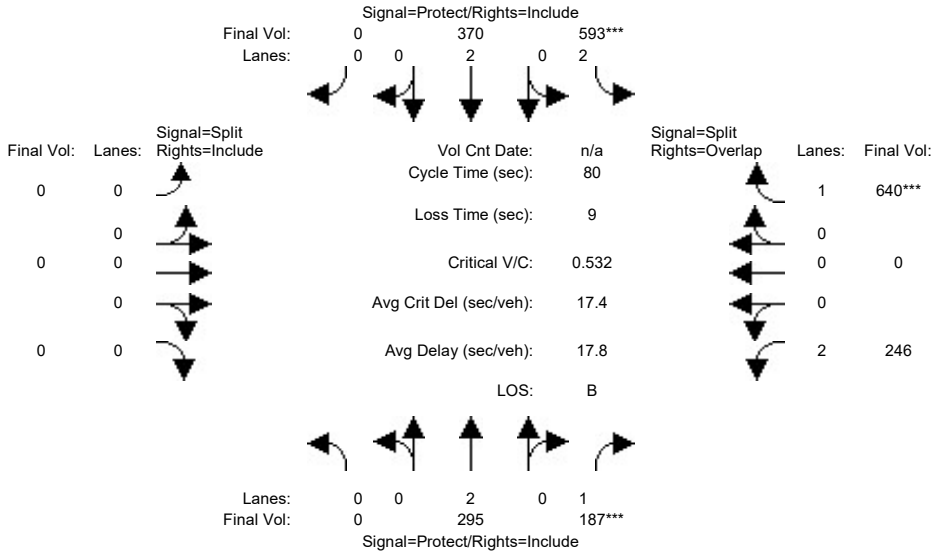
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	295	187	593	370	0	0	0	0	246	0	640
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	295	187	593	370	0	0	0	0	246	0	640
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	295	187	593	370	0	0	0	0	246	0	640
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	295	187	593	370	0	0	0	0	246	0	640
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	295	187	593	370	0	0	0	0	246	0	640
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	295	187	593	370	0	0	0	0	246	0	640
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.11	0.19	0.10	0.00	0.00	0.00	0.00	0.08	0.00	0.37
Crit Moves:			****	****								****
Green Time:	0.0	16.1	16.1	28.3	44.3	0.0	0.0	0.0	0.0	26.7	0.0	54.9
Volume/Cap:	0.00	0.39	0.53	0.53	0.18	0.00	0.00	0.00	0.00	0.23	0.00	0.53
Delay/Veh:	0.0	29.2	34.3	22.4	9.0	0.0	0.0	0.0	0.0	19.8	0.0	7.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	29.2	34.3	22.4	9.0	0.0	0.0	0.0	0.0	19.8	0.0	7.9
LOS by Move:	A	C	C-	C+	A	A	A	A	A	B-	A	A
HCM2kAvgQ:	0	3	5	7	2	0	0	0	0	3	0	9

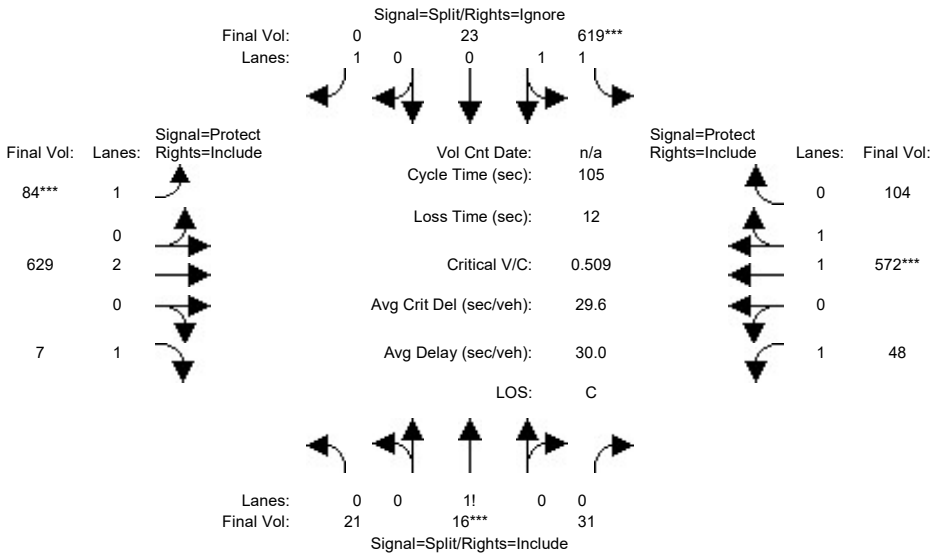
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	21	16	31	619	23	667	84	629	7	48	572	104
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	16	31	619	23	667	84	629	7	48	572	104
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	16	31	619	23	667	84	629	7	48	572	104
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	16	31	619	23	0	84	629	7	48	572	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	16	31	619	23	0	84	629	7	48	572	104
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	16	31	619	23	0	84	629	7	48	572	104
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	0.31	0.23	0.46	1.93	0.07	1.00	1.00	2.00	1.00	1.00	1.68	0.32
Final Sat.:	540	412	798	3423	127	1750	1750	3800	1750	1750	3130	569
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.18	0.18	0.00	0.05	0.17	0.00	0.03	0.18	0.18
Crit Moves:		****		****			****				****	
Green Time:	10.0	10.0	10.0	36.5	36.5	0.0	9.7	33.2	33.2	13.4	36.8	36.8
Volume/Cap:	0.41	0.41	0.41	0.52	0.52	0.00	0.52	0.52	0.01	0.22	0.52	0.52
Delay/Veh:	46.3	46.3	46.3	27.7	27.7	0.0	48.5	29.9	24.7	41.6	27.4	27.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.3	46.3	46.3	27.7	27.7	0.0	48.5	29.9	24.7	41.6	27.4	27.4
LOS by Move:	D	D	D	C	C	A	D	C	C	D	C	C
HCM2kAvgQ:	3	3	3	9	9	0	3	8	0	1	9	9

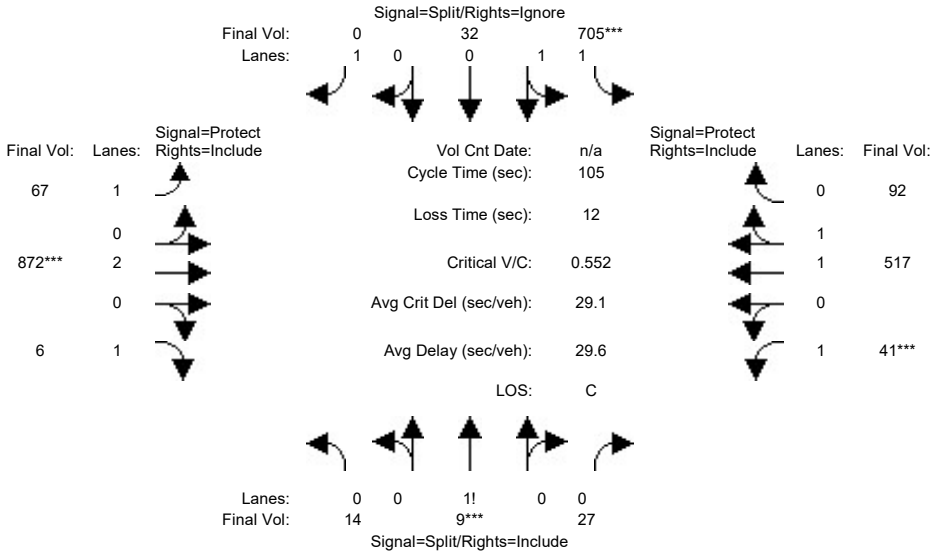
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	9	27	705	32	570	67	872	6	41	517	92
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	9	27	705	32	570	67	872	6	41	517	92
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	9	27	705	32	570	67	872	6	41	517	92
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	9	27	705	32	0	67	872	6	41	517	92
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	9	27	705	32	0	67	872	6	41	517	92
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	9	27	705	32	0	67	872	6	41	517	92
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	0.28	0.18	0.54	1.91	0.09	1.00	1.00	2.00	1.00	1.00	1.69	0.31
Final Sat.:	490	315	945	3396	154	1750	1750	3800	1750	1750	3141	559
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.21	0.21	0.00	0.04	0.23	0.00	0.02	0.16	0.16
Crit Moves:		****		****				****		****		
Green Time:	10.0	10.0	10.0	36.1	36.1	0.0	13.5	39.9	39.9	7.0	33.4	33.4
Volume/Cap:	0.30	0.30	0.30	0.60	0.60	0.00	0.30	0.60	0.01	0.35	0.52	0.52
Delay/Veh:	45.3	45.3	45.3	29.4	29.4	0.0	42.2	26.9	20.3	48.7	29.6	29.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.3	45.3	45.3	29.4	29.4	0.0	42.2	26.9	20.3	48.7	29.6	29.6
LOS by Move:	D	D	D	C	C	A	D	C	C+	D	C	C
HCM2kAvgQ:	2	2	2	11	11	0	2	11	0	1	8	8

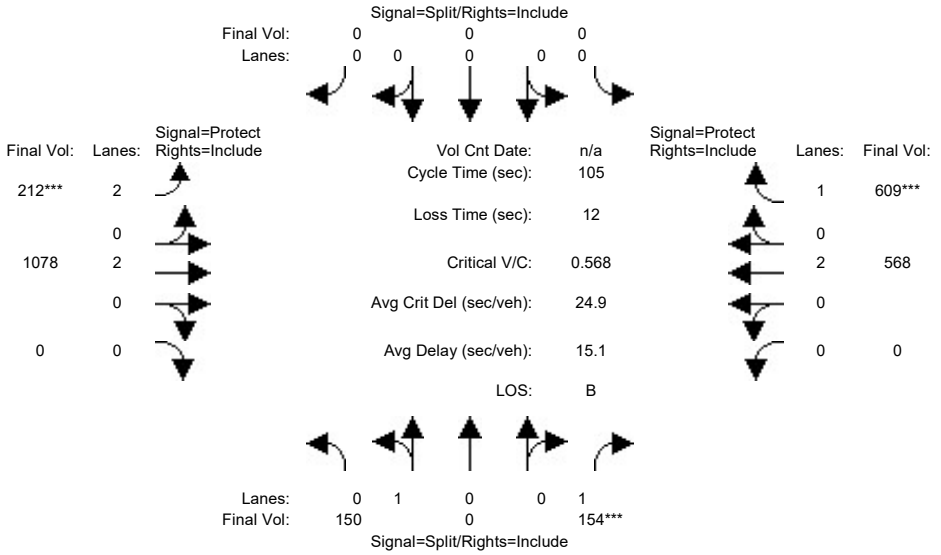
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	150	0	154	0	0	0	212	1078	0	0	568	609
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	150	0	154	0	0	0	212	1078	0	0	568	609
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	150	0	154	0	0	0	212	1078	0	0	568	609
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	150	0	154	0	0	0	212	1078	0	0	568	609
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	150	0	154	0	0	0	212	1078	0	0	568	609
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	150	0	154	0	0	0	212	1078	0	0	568	609
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1800	0	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.00	0.09	0.00	0.00	0.00	0.07	0.28	0.00	0.00	0.15	0.35
Crit Moves:			****				****					****
Green Time:	16.3	0.0	16.3	0.0	0.0	0.0	12.4	76.7	0.0	0.0	64.3	64.3
Volume/Cap:	0.54	0.00	0.57	0.00	0.00	0.00	0.57	0.39	0.00	0.00	0.24	0.57
Delay/Veh:	43.0	0.0	44.0	0.0	0.0	0.0	45.8	5.4	0.0	0.0	9.3	12.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.0	0.0	44.0	0.0	0.0	0.0	45.8	5.4	0.0	0.0	9.3	12.8
LOS by Move:	D	A	D	A	A	A	D	A	A	A	A	B
HCM2kAvgQ:	5	0	6	0	0	0	4	6	0	0	4	13

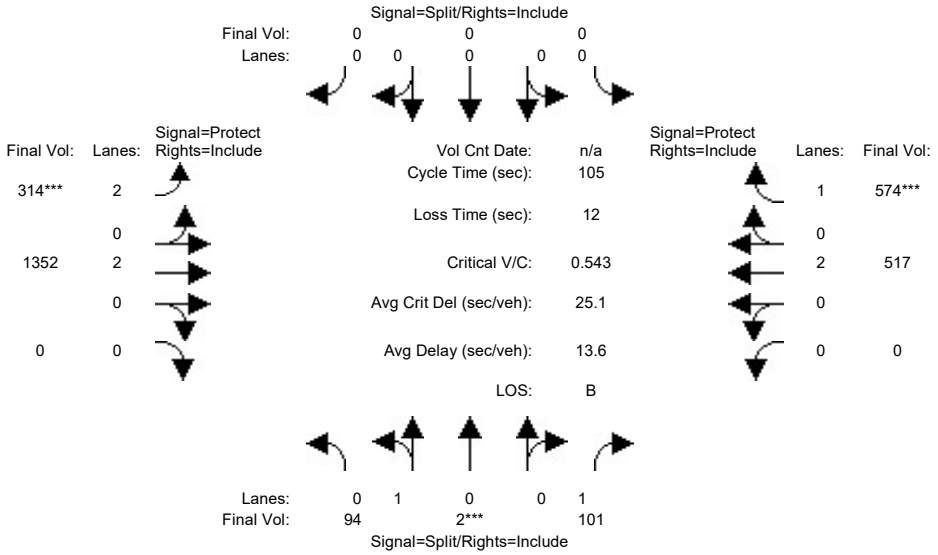
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	94	2	101	0	0	0	314	1352	0	0	517	574
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	94	2	101	0	0	0	314	1352	0	0	517	574
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	94	2	101	0	0	0	314	1352	0	0	517	574
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	94	2	101	0	0	0	314	1352	0	0	517	574
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	94	2	101	0	0	0	314	1352	0	0	517	574
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	94	2	101	0	0	0	314	1352	0	0	517	574
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	0.98	0.02	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1762	37	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.05	0.06	0.00	0.00	0.00	0.10	0.36	0.00	0.00	0.14	0.33
Crit Moves:		****					****					****
Green Time:	11.1	11.1	11.1	0.0	0.0	0.0	19.1	81.9	0.0	0.0	62.8	62.8
Volume/Cap:	0.51	0.51	0.55	0.00	0.00	0.00	0.55	0.46	0.00	0.00	0.23	0.55
Delay/Veh:	46.6	46.6	48.1	0.0	0.0	0.0	40.2	4.0	0.0	0.0	9.8	13.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.6	46.6	48.1	0.0	0.0	0.0	40.2	4.0	0.0	0.0	9.8	13.2
LOS by Move:	D	D	D	A	A	A	D	A	A	A	A	B
HCM2kAvgQ:	4	4	4	0	0	0	5	7	0	0	4	12

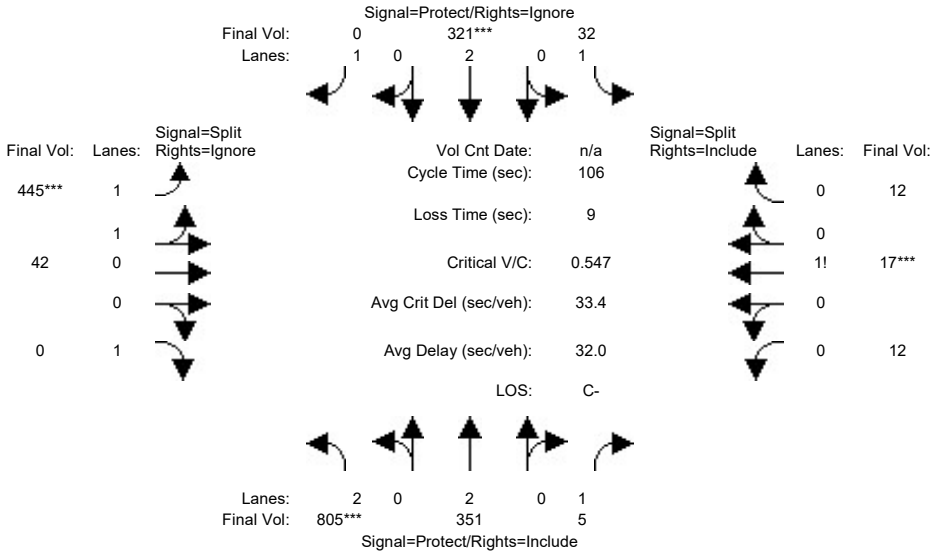
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	805	351	5	32	321	313	445	42	743	12	17	12
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	805	351	5	32	321	313	445	42	743	12	17	12
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	805	351	5	32	321	313	445	42	743	12	17	12
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	805	351	5	32	321	0	445	42	0	12	17	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	805	351	5	32	321	0	445	42	0	12	17	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	805	351	5	32	321	0	445	42	0	12	17	12
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.83	0.17	1.00	0.29	0.42	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3244	306	1750	512	726	512
Capacity Analysis Module:												
Vol/Sat:	0.26	0.09	0.00	0.02	0.08	0.00	0.14	0.14	0.00	0.02	0.02	0.02
Crit Moves:	****				****		****				****	
Green Time:	46.6	36.5	36.5	25.5	15.4	0.0	25.0	25.0	0.0	10.0	10.0	10.0
Volume/Cap:	0.58	0.27	0.01	0.08	0.58	0.00	0.58	0.58	0.00	0.25	0.25	0.25
Delay/Veh:	24.2	25.6	22.9	31.5	46.7	0.0	38.8	38.8	0.0	48.1	48.1	48.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.2	25.6	22.9	31.5	46.7	0.0	38.8	38.8	0.0	48.1	48.1	48.1
LOS by Move:	C	C	C+	C	D	A	D+	D+	A	D	D	D
HCM2kAvgQ:	12	4	0	1	5	0	8	8	0	2	2	2

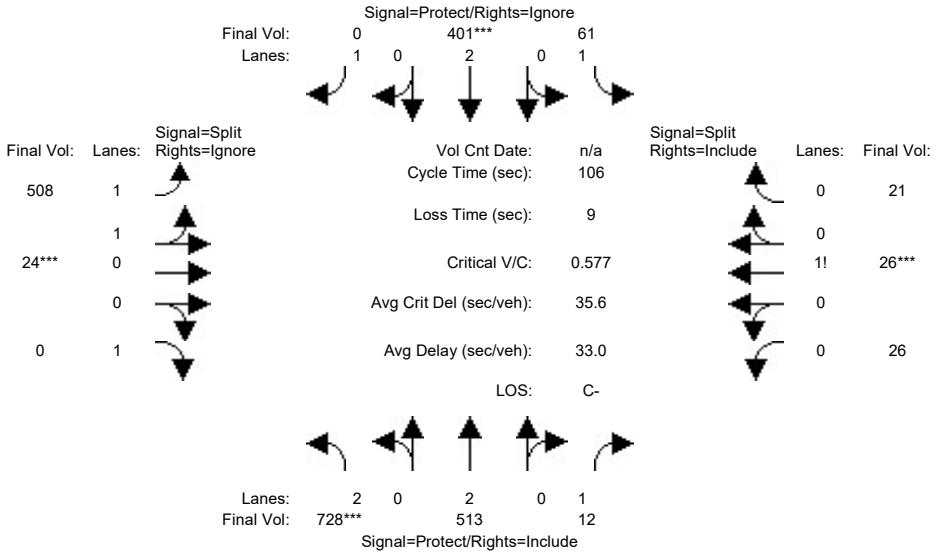
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	728	513	12	61	401	385	508	24	996	26	26	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	728	513	12	61	401	385	508	24	996	26	26	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	728	513	12	61	401	385	508	24	996	26	26	21
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	728	513	12	61	401	0	508	24	0	26	26	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	728	513	12	61	401	0	508	24	0	26	26	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	728	513	12	61	401	0	508	24	0	26	26	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.91	0.09	1.00	0.36	0.35	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3390	160	1750	623	623	503
Capacity Analysis Module:												
Vol/Sat:	0.23	0.14	0.01	0.03	0.11	0.00	0.15	0.15	0.00	0.04	0.04	0.04
Crit Moves:	****				****			****			****	
Green Time:	41.3	40.4	40.4	19.8	18.9	0.0	26.8	26.8	0.0	10.0	10.0	10.0
Volume/Cap:	0.59	0.35	0.02	0.19	0.59	0.00	0.59	0.59	0.00	0.44	0.44	0.44
Delay/Veh:	27.8	24.1	20.5	37.6	43.8	0.0	37.7	37.7	0.0	53.7	53.7	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.8	24.1	20.5	37.6	43.8	0.0	37.7	37.7	0.0	53.7	53.7	53.7
LOS by Move:	C	C	C+	D+	D	A	D+	D+	A	D-	D-	D-
HCM2kAvgQ:	12	6	0	2	6	0	8	8	0	3	3	3

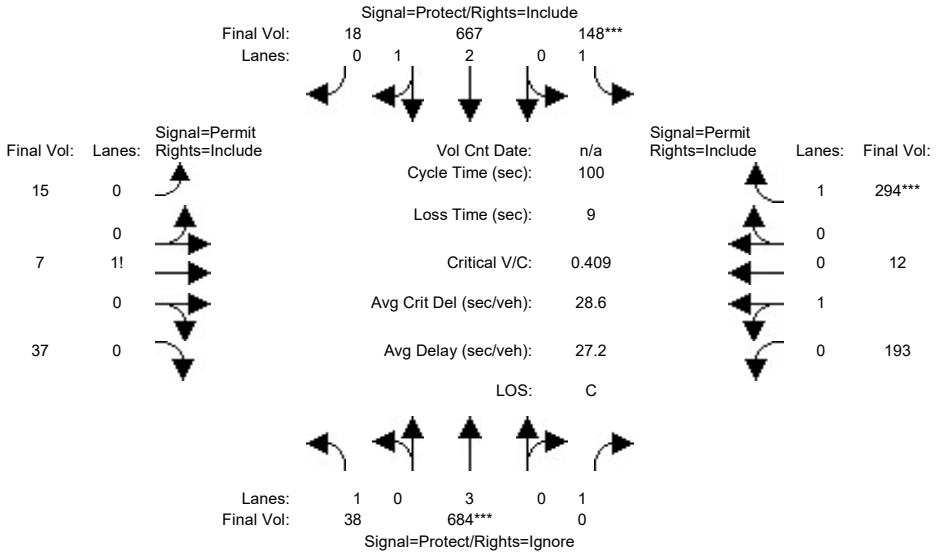
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	38	684	102	148	667	18	15	7	37	193	12	294
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	684	102	148	667	18	15	7	37	193	12	294
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	684	102	148	667	18	15	7	37	193	12	294
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	684	0	148	667	18	15	7	37	193	12	294
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	684	0	148	667	18	15	7	37	193	12	294
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	684	0	148	667	18	15	7	37	193	12	294
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.92	0.08	0.25	0.12	0.63	0.94	0.06	1.00
Final Sat.:	1750	5700	1750	1750	5453	147	445	208	1097	1695	105	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.12	0.00	0.08	0.12	0.12	0.03	0.03	0.03	0.11	0.11	0.17
Crit Moves:		****		****								****
Green Time:	18.2	29.3	0.0	20.7	31.8	31.8	41.0	41.0	41.0	41.0	41.0	41.0
Volume/Cap:	0.12	0.41	0.00	0.41	0.38	0.38	0.08	0.08	0.08	0.28	0.28	0.41
Delay/Veh:	35.0	29.1	0.0	37.8	27.1	27.1	18.2	18.2	18.2	20.6	20.6	22.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.0	29.1	0.0	37.8	27.1	27.1	18.2	18.2	18.2	20.6	20.6	22.6
LOS by Move:	C-	C	A	D+	C	C	B-	B-	B-	C+	C+	C+
HCM2kAvgQ:	1	6	0	4	6	6	1	1	1	4	4	7

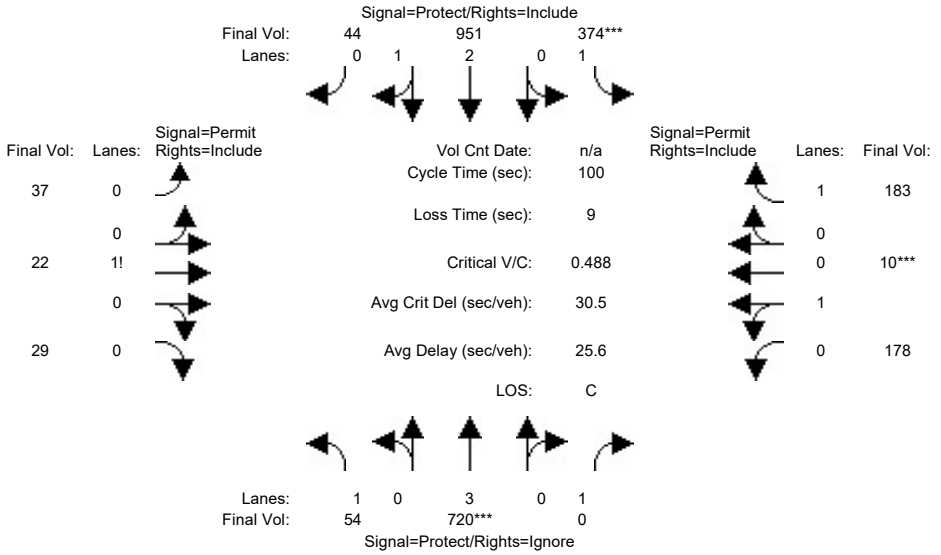
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	54	720	251	374	951	44	37	22	29	178	10	183
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	720	251	374	951	44	37	22	29	178	10	183
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	720	251	374	951	44	37	22	29	178	10	183
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	720	0	374	951	44	37	22	29	178	10	183
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	720	0	374	951	44	37	22	29	178	10	183
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	720	0	374	951	44	37	22	29	178	10	183
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.86	0.14	0.42	0.25	0.33	0.95	0.05	1.00
Final Sat.:	1750	5700	1750	1750	5352	248	736	438	577	1704	96	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.13	0.00	0.21	0.18	0.18	0.05	0.05	0.05	0.10	0.10	0.10
Crit Moves:		****		****							****	
Green Time:	19.7	25.9	0.0	43.8	49.9	49.9	21.4	21.4	21.4	21.4	21.4	21.4
Volume/Cap:	0.16	0.49	0.00	0.49	0.36	0.36	0.24	0.24	0.24	0.49	0.49	0.49
Delay/Veh:	34.3	32.6	0.0	22.3	15.6	15.6	34.0	34.0	34.0	38.9	38.9	39.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.3	32.6	0.0	22.3	15.6	15.6	34.0	34.0	34.0	38.9	38.9	39.0
LOS by Move:	C-	C-	A	C+	B	B	C-	C-	C-	D+	D+	D
HCM2kAvgQ:	2	7	0	9	6	6	3	3	3	5	5	5

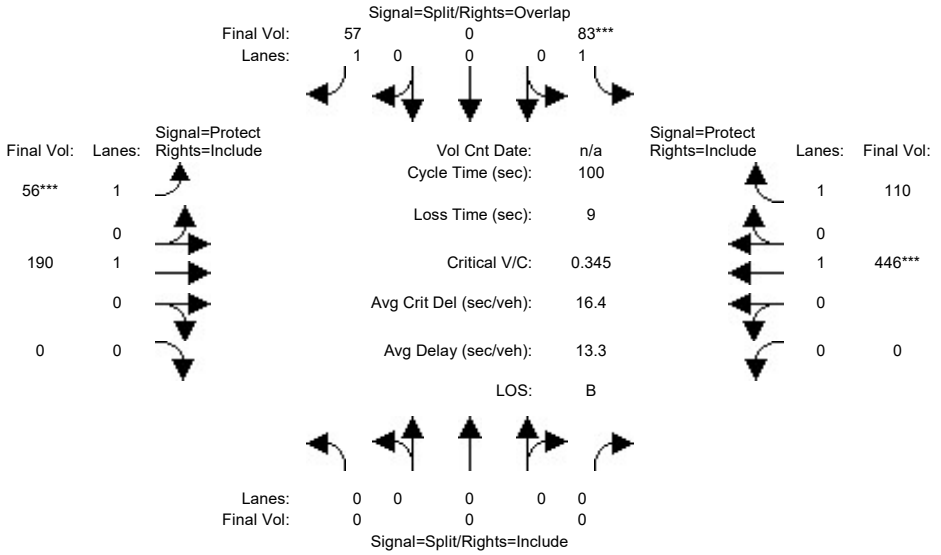
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	83	0	57	56	190	0	0	446	110
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	83	0	57	56	190	0	0	446	110
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	83	0	57	56	190	0	0	446	110
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	83	0	57	56	190	0	0	446	110
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	83	0	57	56	190	0	0	446	110
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	83	0	57	56	190	0	0	446	110
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.03	0.03	0.10	0.00	0.00	0.23	0.06
Crit Moves:				****			****				****	
Green Time:	0.0	0.0	0.0	13.7	0.0	23.0	9.3	77.3	0.0	0.0	68.0	68.0
Volume/Cap:	0.00	0.00	0.00	0.35	0.00	0.14	0.35	0.13	0.00	0.00	0.35	0.09
Delay/Veh:	0.0	0.0	0.0	43.0	0.0	31.4	48.3	3.1	0.0	0.0	7.4	5.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	43.0	0.0	31.4	48.3	3.1	0.0	0.0	7.4	5.6
LOS by Move:	A	A	A	D	A	C	D	A	A	A	A	A
HCM2kAvgQ:	0	0	0	3	0	2	2	2	0	0	6	1

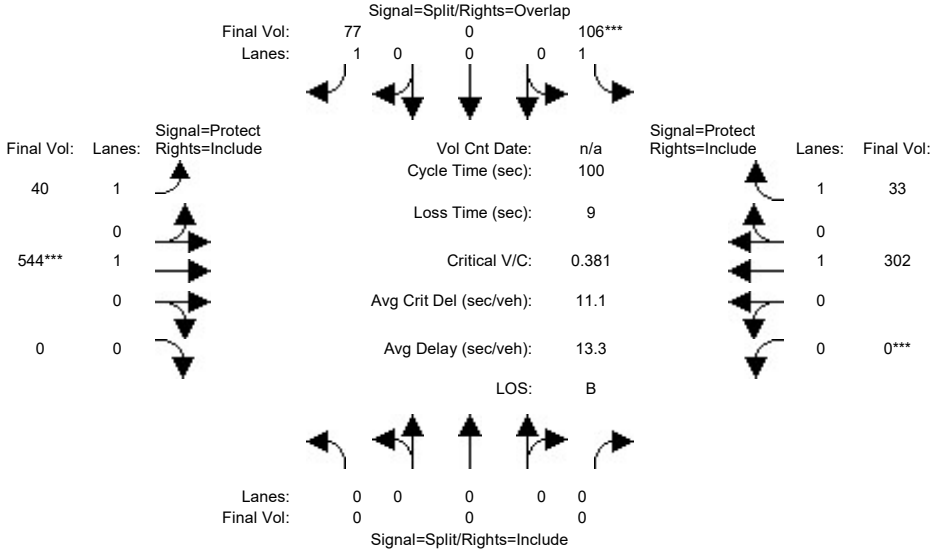
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	106	0	77	40	544	0	0	302	33
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	106	0	77	40	544	0	0	302	33
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	106	0	77	40	544	0	0	302	33
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	106	0	77	40	544	0	0	302	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	106	0	77	40	544	0	0	302	33
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	106	0	77	40	544	0	0	302	33
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.06	0.00	0.04	0.02	0.29	0.00	0.00	0.16	0.02
Crit Moves:				****				****		****		
Green Time:	0.0	0.0	0.0	15.9	0.0	38.9	23.0	75.1	0.0	0.0	52.1	52.1
Volume/Cap:	0.00	0.00	0.00	0.38	0.00	0.11	0.10	0.38	0.00	0.00	0.30	0.04
Delay/Veh:	0.0	0.0	0.0	41.6	0.0	19.9	30.9	5.1	0.0	0.0	14.4	11.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	41.6	0.0	19.9	30.9	5.1	0.0	0.0	14.4	11.7
LOS by Move:	A	A	A	D	A	B-	C	A	A	A	B	B+
HCM2kAvgQ:	0	0	0	3	0	2	1	6	0	0	5	1

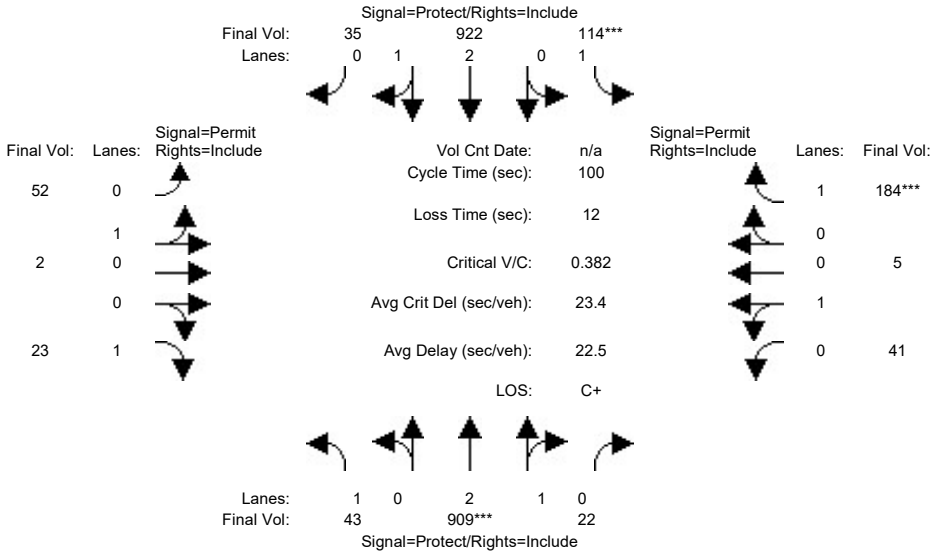
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	43	909	22	114	922	35	52	2	23	41	5	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	909	22	114	922	35	52	2	23	41	5	184
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	909	22	114	922	35	52	2	23	41	5	184
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	909	22	114	922	35	52	2	23	41	5	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	909	22	114	922	35	52	2	23	41	5	184
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	909	22	114	922	35	52	2	23	41	5	184
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.93	0.07	1.00	2.89	0.11	0.96	0.04	1.00	0.89	0.11	1.00
Final Sat.:	1750	5467	132	1750	5395	205	1733	67	1750	1604	196	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.17	0.17	0.07	0.17	0.17	0.03	0.03	0.01	0.03	0.03	0.11
Crit Moves:		****		****								****
Green Time:	17.6	43.5	43.5	17.0	42.9	42.9	27.5	27.5	27.5	27.5	27.5	27.5
Volume/Cap:	0.14	0.38	0.38	0.38	0.40	0.40	0.11	0.11	0.05	0.09	0.09	0.38
Delay/Veh:	35.8	19.6	19.6	40.5	20.1	20.1	27.5	27.5	26.8	27.3	27.3	31.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.8	19.6	19.6	40.5	20.1	20.1	27.5	27.5	26.8	27.3	27.3	31.7
LOS by Move:	D+	B-	B-	D	C+	C+	C	C	C	C	C	C
HCM2kAvgQ:	1	7	7	3	7	7	1	1	1	1	1	5

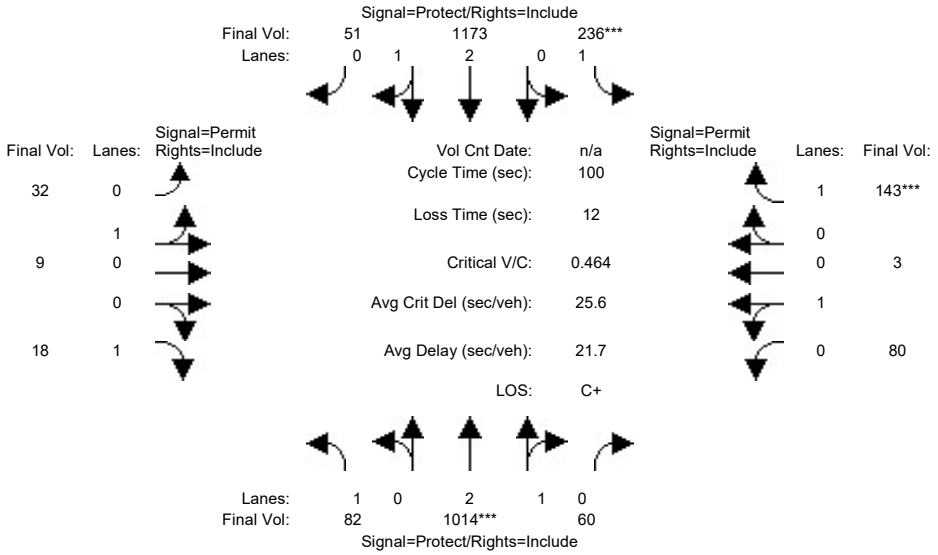
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	82	1014	60	236	1173	51	32	9	18	80	3	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	82	1014	60	236	1173	51	32	9	18	80	3	143
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	1014	60	236	1173	51	32	9	18	80	3	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	82	1014	60	236	1173	51	32	9	18	80	3	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	1014	60	236	1173	51	32	9	18	80	3	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	82	1014	60	236	1173	51	32	9	18	80	3	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.83	0.17	1.00	2.87	0.13	0.78	0.22	1.00	0.96	0.04	1.00
Final Sat.:	1750	5287	313	1750	5366	233	1405	395	1750	1735	65	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.19	0.19	0.13	0.22	0.22	0.02	0.02	0.01	0.05	0.05	0.08
Crit Moves:		****		****								****
Green Time:	17.1	41.3	41.3	29.1	53.3	53.3	17.6	17.6	17.6	17.6	17.6	17.6
Volume/Cap:	0.27	0.46	0.46	0.46	0.41	0.41	0.13	0.13	0.06	0.26	0.26	0.46
Delay/Veh:	38.3	22.0	22.0	32.1	14.4	14.4	35.6	35.6	34.7	37.6	37.6	41.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.3	22.0	22.0	32.1	14.4	14.4	35.6	35.6	34.7	37.6	37.6	41.9
LOS by Move:	D+	C+	C+	C-	B	B	D+	D+	C-	D+	D+	D
HCM2kAvgQ:	2	8	8	6	8	8	1	1	1	2	2	5

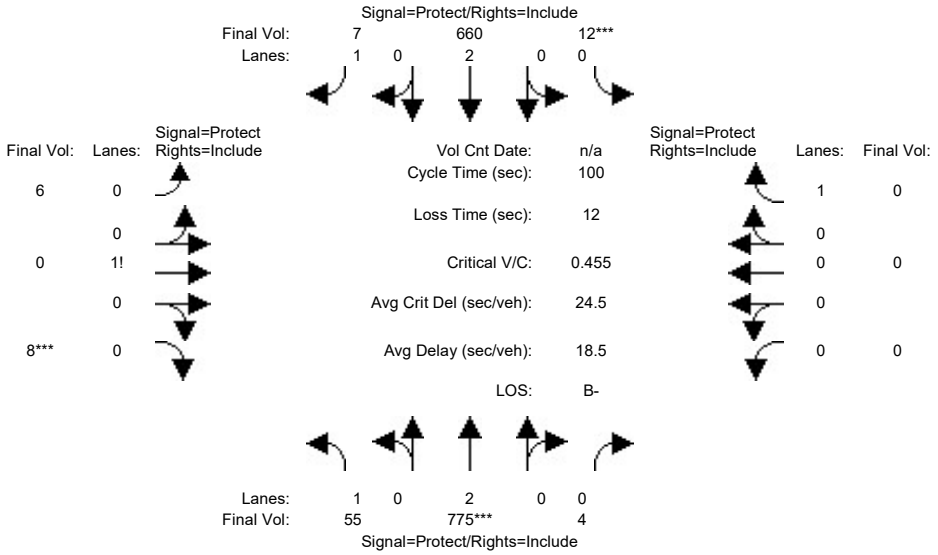
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - AM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	55	775	4	12	660	7	6	0	8	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	55	775	4	12	660	7	6	0	8	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	55	775	4	12	660	7	6	0	8	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	55	775	4	12	660	7	6	0	8	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	775	4	12	660	7	6	0	8	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	55	775	4	12	660	7	6	0	8	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.95	0.97	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.99	0.01	0.04	1.96	1.00	0.43	0.00	0.57	0.00	0.00	1.00
Final Sat.:	1750	3681	19	66	3634	1750	750	0	1000	0	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.21	0.21	0.18	0.18	0.00	0.01	0.00	0.01	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	21.7	41.9	41.9	36.1	56.3	56.3	10.0	0.0	10.0	0.0	0.0	0.0
Volume/Cap:	0.14	0.50	0.50	0.50	0.32	0.01	0.08	0.00	0.08	0.00	0.00	0.00
Delay/Veh:	32.5	22.6	22.6	26.3	12.1	9.6	41.7	0.0	41.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.5	22.6	22.6	26.3	12.1	9.6	41.7	0.0	41.7	0.0	0.0	0.0
LOS by Move:	C-	C+	C+	C	B	A	D	A	D	A	A	A
HCM2kAvgQ:	1	9	9	8	6	0	0	0	0	0	0	0

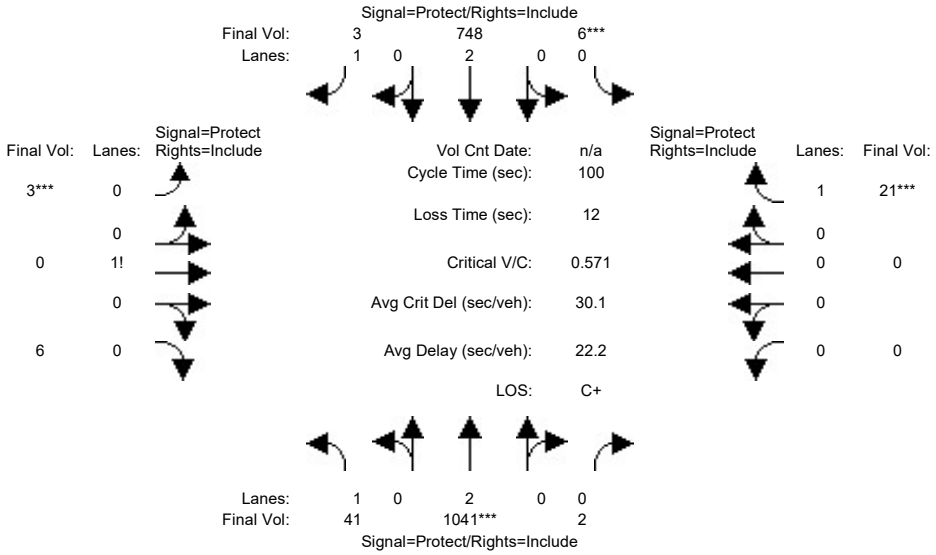
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Conditions - PM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	41	1041	2	6	748	3	3	0	6	0	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	41	1041	2	6	748	3	3	0	6	0	0	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	41	1041	2	6	748	3	3	0	6	0	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	41	1041	2	6	748	3	3	0	6	0	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	41	1041	2	6	748	3	3	0	6	0	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	41	1041	2	6	748	3	3	0	6	0	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.95	0.97	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.99	0.01	0.02	1.98	1.00	0.33	0.00	0.67	0.00	0.00	1.00
Final Sat.:	1750	3693	7	29	3671	1750	583	0	1167	0	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.28	0.28	0.20	0.20	0.00	0.01	0.00	0.01	0.00	0.00	0.01
Crit Moves:		****			****			****				****
Green Time:	18.2	41.2	41.2	29.8	52.8	52.8	7.0	0.0	17.0	0.0	0.0	10.0
Volume/Cap:	0.13	0.68	0.68	0.68	0.39	0.00	0.07	0.00	0.03	0.00	0.00	0.12
Delay/Veh:	35.1	26.6	26.6	34.4	14.5	11.1	44.6	0.0	34.8	0.0	0.0	42.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.1	26.6	26.6	34.4	14.5	11.1	44.6	0.0	34.8	0.0	0.0	42.4
LOS by Move:	D+	C	C	C-	B	B+	D	A	C-	A	A	D
HCM2kAvgQ:	1	14	14	11	7	0	0	0	0	0	0	1

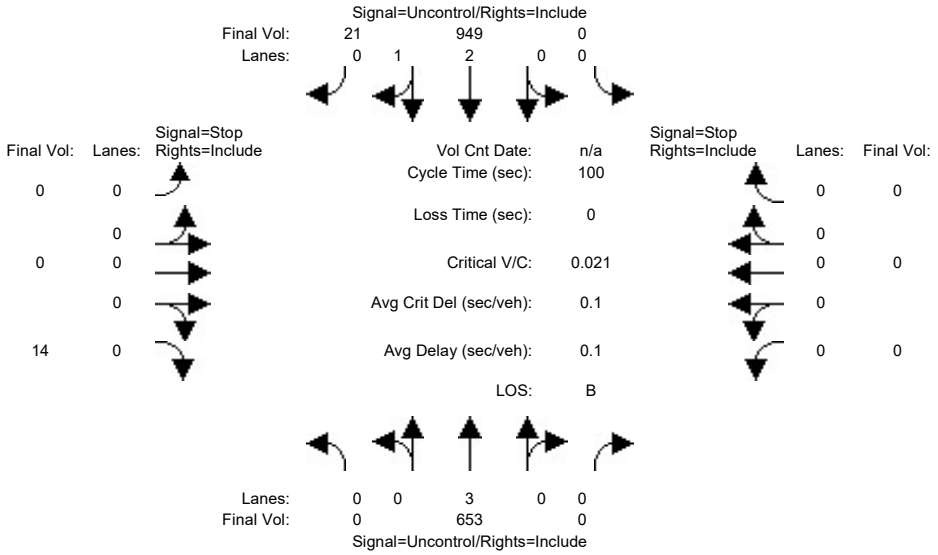
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - AM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	653	0	0	949	21	0	0	14	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	653	0	0	949	21	0	0	14	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	653	0	0	949	21	0	0	14	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	653	0	0	949	21	0	0	14	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	653	0	0	949	21	0	0	14	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	327	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	675	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	675	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.02	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.4	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.4			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:     0  653     0     0  949    21     0    0    14     0    0     0
ApproachDel:    xxxxxx           xxxxxx             10.4           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1637]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:     0  653     0     0  949    21     0    0    14     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1623
Minor Approach Volume:           14
Minor Approach Volume Threshold: 118
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

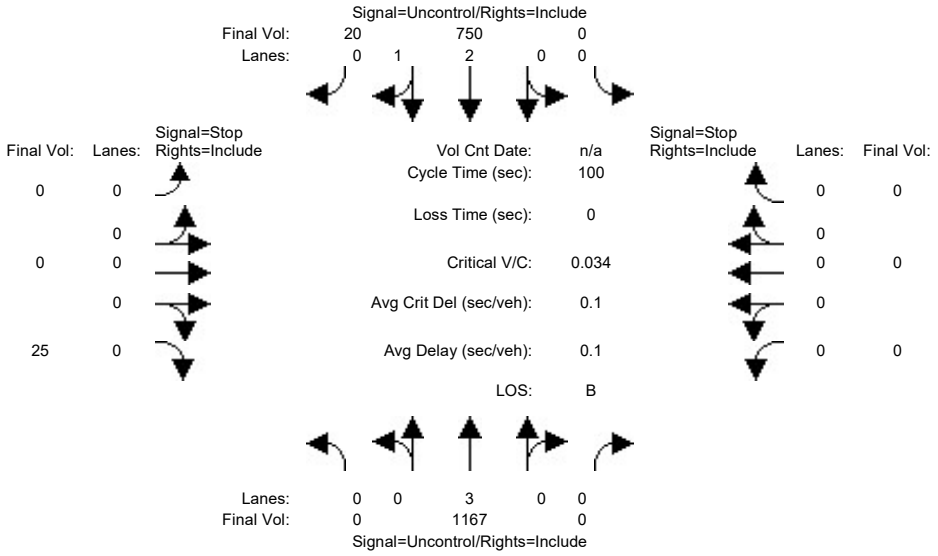
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - PM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	1167	0	0	750	20	0	0	25	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1167	0	0	750	20	0	0	25	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1167	0	0	750	20	0	0	25	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1167	0	0	750	20	0	0	25	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	1167	0	0	750	20	0	0	25	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	260	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	745	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	745	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.03	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.0	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.0			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 3	0	0	0 0 2	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 1167		0	0 750		20	0	0	25	0	0	0
ApproachDel:	xxxxxx			xxxxxx			10.0			xxxxxx		

Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=25]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1962]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

Intersection #25 BASCOM/EAST-MOZART

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 3	0	0	0 0 2	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 1167		0	0 750		20	0	0	25	0	0	0

Major Street Volume: 1937
Minor Approach Volume: 25
Minor Approach Volume Threshold: 57 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

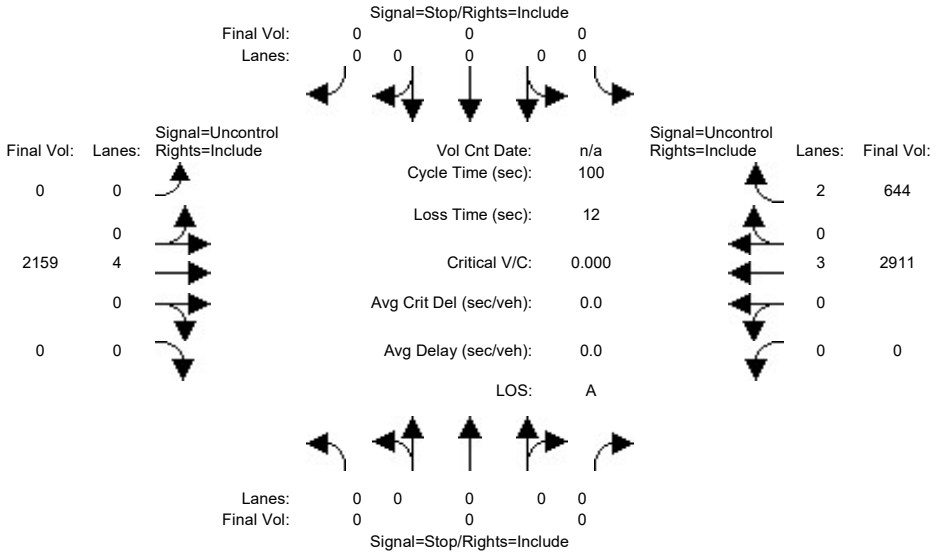
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - AM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	2159	0	0	2911	644
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	2159	0	0	2911	644
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	2159	0	0	2911	644
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	0	0	0	0	2159	0	0	2911	644
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	0	2159	0	0	2911	644
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #2500 17/CAMDEN(N)

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0	0 0	0	0 0 0	0 0	0	0 0 4	0 0	0	0 0 3	0 2	
Initial Vol:	0	0	0	0	0	0	0	2159	0	0	2911	644
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		

SIGNAL WARRANT DISCLAIMER
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The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

Intersection #2500 17/CAMDEN(N)

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0	0 0	0	0 0 0	0 0	0	0 0 4	0 0	0	0 0 3	0 2	
Initial Vol:	0	0	0	0	0	0	0	2159	0	0	2911	644

Major Street Volume: 5714
Minor Approach Volume: 0
Minor Approach Volume Threshold: -316 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

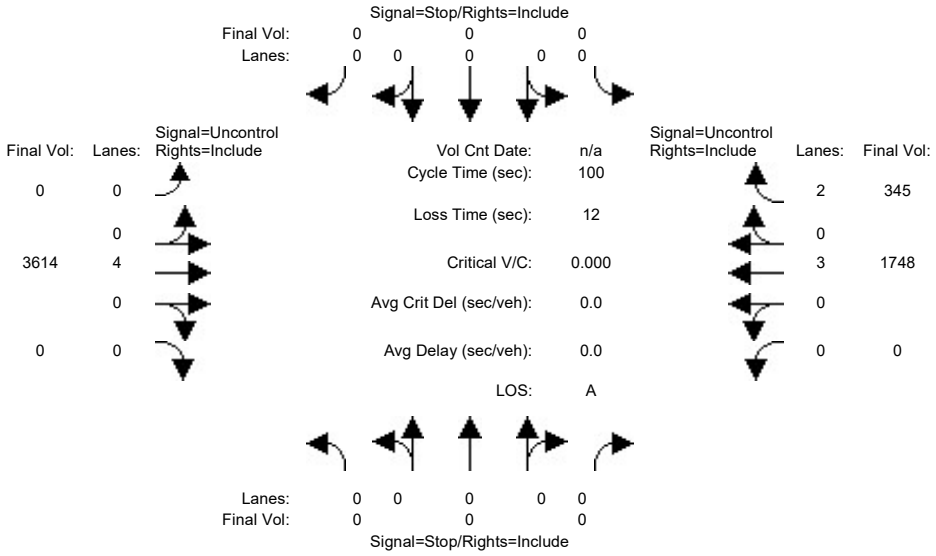
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GOOD SAMARITAN HOSPITAL
Existing Conditions - AM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing Conditions - PM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	3614	0	0	1748	345
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	3614	0	0	1748	345
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	3614	0	0	1748	345
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	0	0	0	0	3614	0	0	1748	345
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	0	3614	0	0	1748	345
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #2500 17/CAMDEN(N)

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	3614	0	0	1748	345
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #2500 17/CAMDEN(N)

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	3614	0	0	1748	345

Major Street Volume: 5707
Minor Approach Volume: 0
Minor Approach Volume Threshold: -315 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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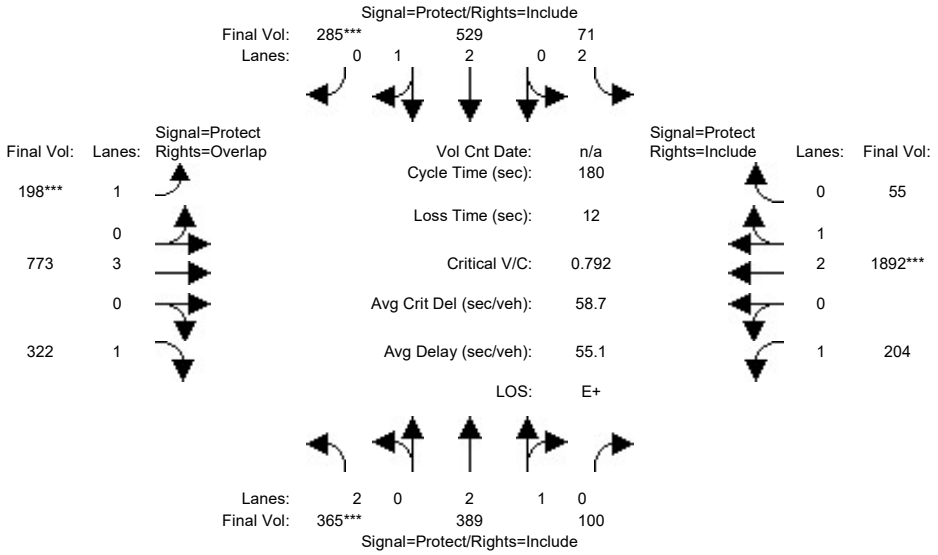
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Appendix E – Traffix Intersection Operations Analysis – Background Conditions

GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: 07:45 AM - 08:45 AM												
Base Vol:	365	389	100	71	529	285	198	773	322	204	1892	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	389	100	71	529	285	198	773	322	204	1892	55
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	365	389	100	71	529	285	198	773	322	204	1892	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	365	389	100	71	529	285	198	773	322	204	1892	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	365	389	100	71	529	285	198	773	322	204	1892	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	365	389	100	71	529	285	198	773	322	204	1892	55
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	2.00	2.36	0.64	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.91	0.09
Final Sat.:	3150	4453	1145	3150	3800	1750	1750	5700	1750	1750	5442	158
Capacity Analysis Module:												
Vol/Sat:	0.12	0.09	0.09	0.02	0.14	0.16	0.11	0.14	0.18	0.12	0.35	0.35
Crit Moves:	****					****	****				****	
Green Time:	26.3	43.8	43.8	19.5	37.0	37.0	25.7	56.3	82.6	48.4	79.0	79.0
Volume/Cap:	0.79	0.36	0.36	0.21	0.68	0.79	0.79	0.43	0.40	0.43	0.79	0.79
Delay/Veh:	83.3	56.6	56.6	73.5	67.6	72.1	90.3	49.3	32.6	55.1	45.3	45.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.3	56.6	56.6	73.5	67.6	72.1	90.3	49.3	32.6	55.1	45.3	45.3
LOS by Move:	F	E+	E+	E	E	E	F	D	C-	E+	D	D
HCM2kAvgQ:	12	7	7	2	14	18	12	11	12	10	32	32

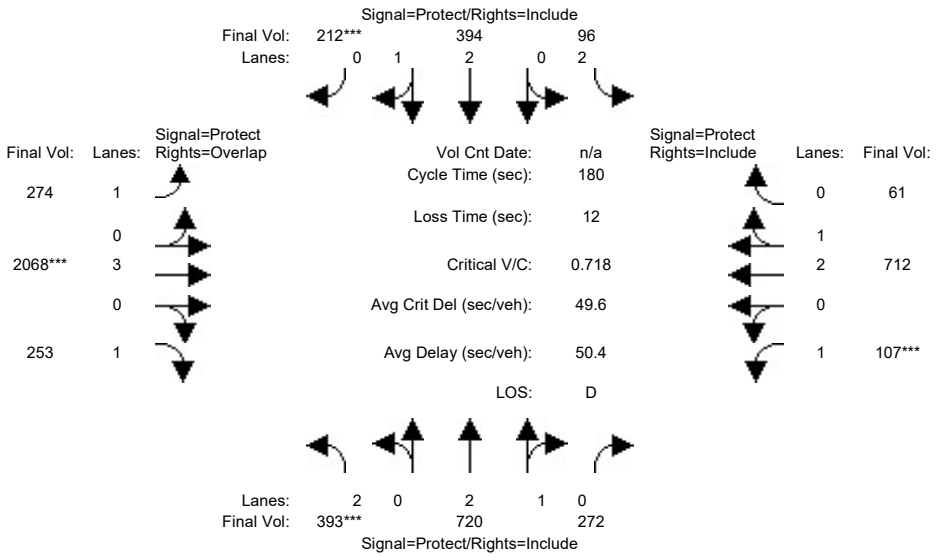
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:45-5:45												
Base Vol:	393	720	272	96	394	212	274	2068	253	107	712	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	393	720	272	96	394	212	274	2068	253	107	712	61
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	393	720	272	96	394	212	274	2068	253	107	712	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	393	720	272	96	394	212	274	2068	253	107	712	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	393	720	272	96	394	212	274	2068	253	107	712	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	393	720	272	96	394	212	274	2068	253	107	712	61
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.15	0.85	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.75	0.25
Final Sat.:	3150	4063	1535	3150	3800	1750	1750	5700	1750	1750	5158	442
Capacity Analysis Module:												
Vol/Sat:	0.12	0.18	0.18	0.03	0.10	0.12	0.16	0.36	0.14	0.06	0.14	0.14
Crit Moves:	****					****		****		****		
Green Time:	31.3	50.6	50.6	11.1	30.4	30.4	56.5	91.0	122.3	15.3	49.8	49.8
Volume/Cap:	0.72	0.63	0.63	0.49	0.61	0.72	0.50	0.72	0.21	0.72	0.50	0.50
Delay/Veh:	74.7	57.4	57.4	83.7	70.5	73.7	50.9	35.4	10.9	95.7	54.9	54.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	74.7	57.4	57.4	83.7	70.5	73.7	50.9	35.4	10.9	95.7	54.9	54.9
LOS by Move:	E	E+	E+	F	E	E	D	D+	B+	F	D-	D-
HCM2kAvgQ:	12	16	16	4	11	13	12	28	5	8	12	12

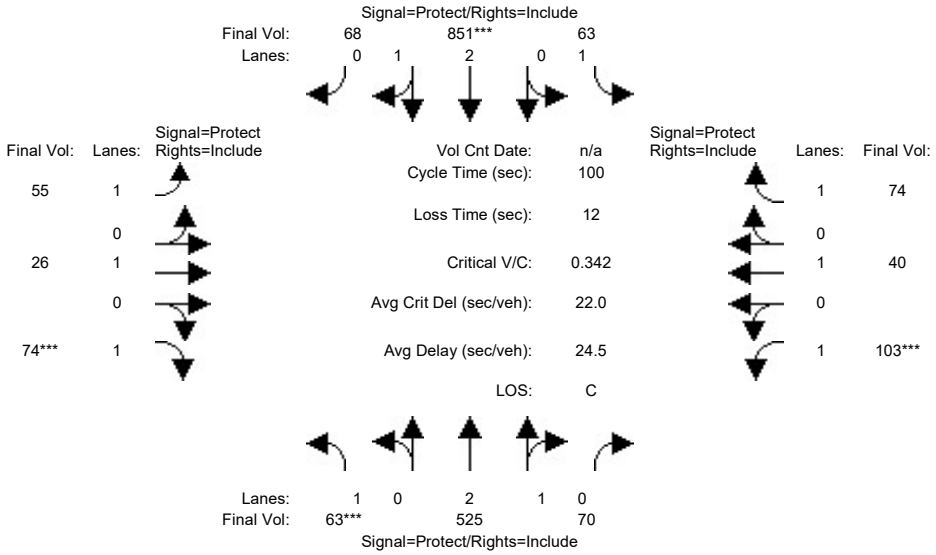
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	63	525	70	63	851	68	55	26	74	103	40	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	525	70	63	851	68	55	26	74	103	40	74
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	525	70	63	851	68	55	26	74	103	40	74
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	525	70	63	851	68	55	26	74	103	40	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	525	70	63	851	68	55	26	74	103	40	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	525	70	63	851	68	55	26	74	103	40	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.63	0.37	1.00	2.77	0.23	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	4940	659	1750	5185	414	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.11	0.11	0.04	0.16	0.16	0.03	0.01	0.04	0.06	0.02	0.04
Crit Moves:	****				****				****	****		
Green Time:	10.5	35.2	35.2	23.2	47.9	47.9	12.2	12.4	12.4	17.2	17.4	17.4
Volume/Cap:	0.34	0.30	0.30	0.16	0.34	0.34	0.26	0.11	0.34	0.34	0.12	0.24
Delay/Veh:	46.5	23.9	23.9	31.4	16.6	16.6	42.7	39.9	44.4	39.5	35.6	37.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.5	23.9	23.9	31.4	16.6	16.6	42.7	39.9	44.4	39.5	35.6	37.5
LOS by Move:	D	C	C	C	B	B	D	D	D	D	D+	D+
HCM2kAvgQ:	2	4	4	2	6	6	2	1	3	3	1	2

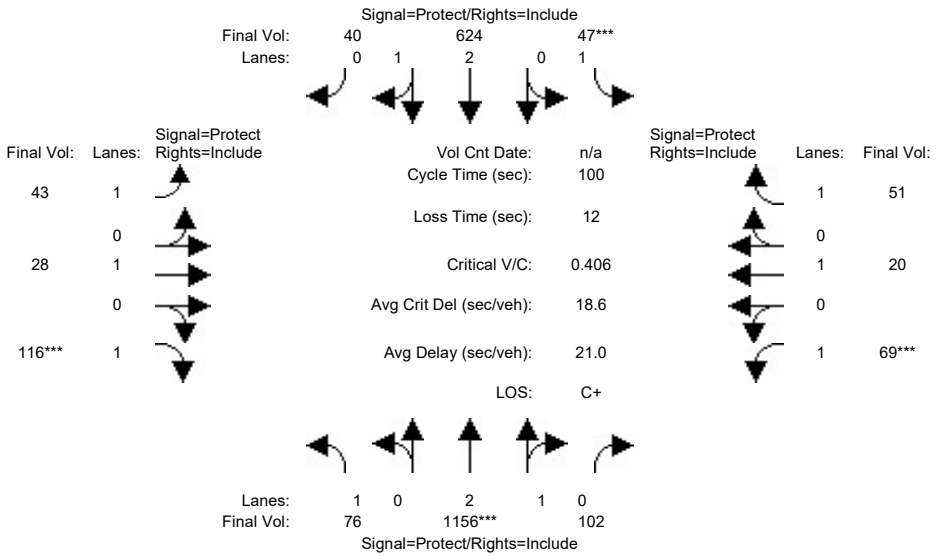
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	76	1156	102	47	624	40	43	28	116	69	20	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	1156	102	47	624	40	43	28	116	69	20	51
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	1156	102	47	624	40	43	28	116	69	20	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	1156	102	47	624	40	43	28	116	69	20	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	1156	102	47	624	40	43	28	116	69	20	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	1156	102	47	624	40	43	28	116	69	20	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.75	0.25	1.00	2.81	0.19	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5145	454	1750	5262	337	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.22	0.22	0.03	0.12	0.12	0.02	0.01	0.07	0.04	0.01	0.03
Crit Moves:		****		****					****	****		
Green Time:	23.0	55.1	55.1	7.0	39.0	39.0	10.7	16.3	16.3	9.7	15.2	15.2
Volume/Cap:	0.19	0.41	0.41	0.38	0.30	0.30	0.23	0.09	0.41	0.41	0.07	0.19
Delay/Veh:	32.0	13.4	13.4	53.3	21.4	21.4	43.8	36.2	41.8	49.6	36.8	38.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.0	13.4	13.4	53.3	21.4	21.4	43.8	36.2	41.8	49.6	36.8	38.6
LOS by Move:	C	B	B	D-	C+	C+	D	D+	D	D	D+	D+
HCM2kAvgQ:	2	8	8	1	5	5	1	1	4	3	1	2

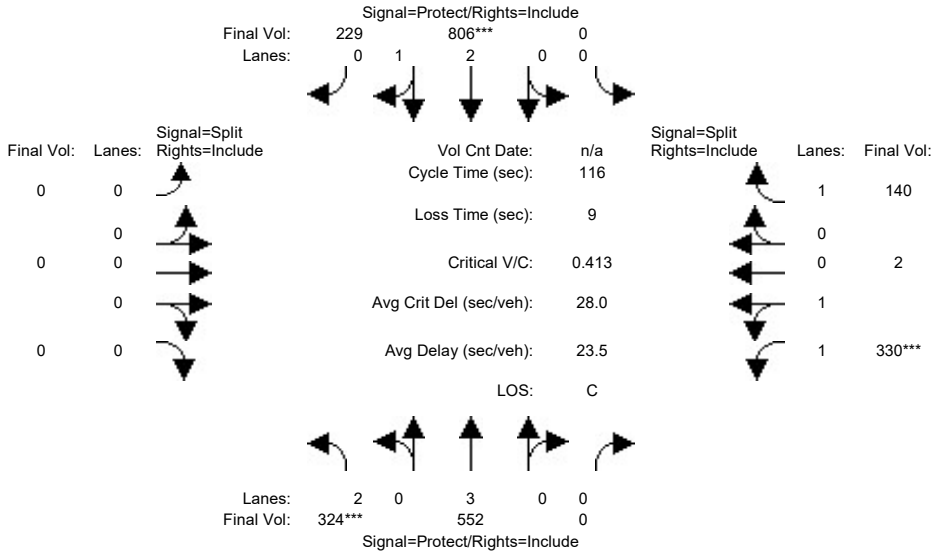
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: 07:55 AM - 08:55 AM												
Base Vol:	324	552	0	0	806	229	0	0	0	330	2	140
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	324	552	0	0	806	229	0	0	0	330	2	140
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	324	552	0	0	806	229	0	0	0	330	2	140
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	324	552	0	0	806	229	0	0	0	330	2	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	324	552	0	0	806	229	0	0	0	330	2	140
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	324	552	0	0	806	229	0	0	0	330	2	140
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.31	0.69	0.00	0.00	0.00	1.99	0.01	1.00
Final Sat.:	3150	5700	0	0	4359	1239	0	0	0	3529	21	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.10	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.09	0.09	0.08
Crit Moves:	****				****					****		
Green Time:	28.9	80.8	0.0	0.0	51.9	51.9	0.0	0.0	0.0	26.2	26.2	26.2
Volume/Cap:	0.41	0.14	0.00	0.00	0.41	0.41	0.00	0.00	0.00	0.41	0.41	0.35
Delay/Veh:	36.8	5.9	0.0	0.0	21.8	21.8	0.0	0.0	0.0	38.7	38.7	38.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.8	5.9	0.0	0.0	21.8	21.8	0.0	0.0	0.0	38.7	38.7	38.3
LOS by Move:	D+	A	A	A	C+	C+	A	A	A	D+	D+	D+
HCM2kAvgQ:	6	2	0	0	8	8	0	0	0	6	6	5

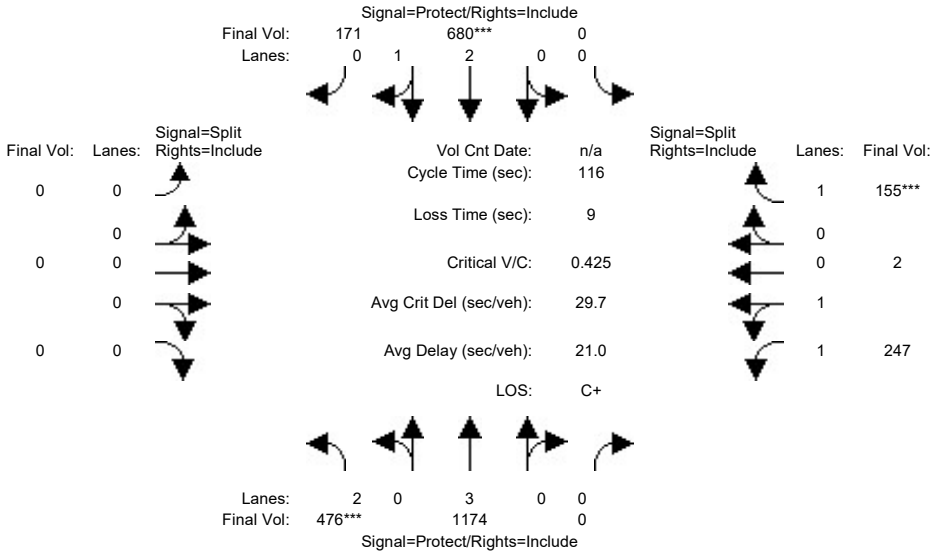
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:00-5:00												
Base Vol:	476	1174	0	0	680	171	0	0	0	247	2	155
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	476	1174	0	0	680	171	0	0	0	247	2	155
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	476	1174	0	0	680	171	0	0	0	247	2	155
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	476	1174	0	0	680	171	0	0	0	247	2	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	476	1174	0	0	680	171	0	0	0	247	2	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	476	1174	0	0	680	171	0	0	0	247	2	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.38	0.62	0.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	3150	5700	0	0	4473	1125	0	0	0	3521	29	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.21	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.07	0.07	0.09
Crit Moves:	****				****							****
Green Time:	41.3	82.8	0.0	0.0	41.5	41.5	0.0	0.0	0.0	24.2	24.2	24.2
Volume/Cap:	0.42	0.29	0.00	0.00	0.42	0.42	0.00	0.00	0.00	0.34	0.34	0.42
Delay/Veh:	28.6	6.0	0.0	0.0	28.3	28.3	0.0	0.0	0.0	39.3	39.3	40.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	28.6	6.0	0.0	0.0	28.3	28.3	0.0	0.0	0.0	39.3	39.3	40.7
LOS by Move:	C	A	A	A	C	C	A	A	A	D	D	D
HCM2kAvgQ:	7	5	0	0	7	7	0	0	0	4	4	5

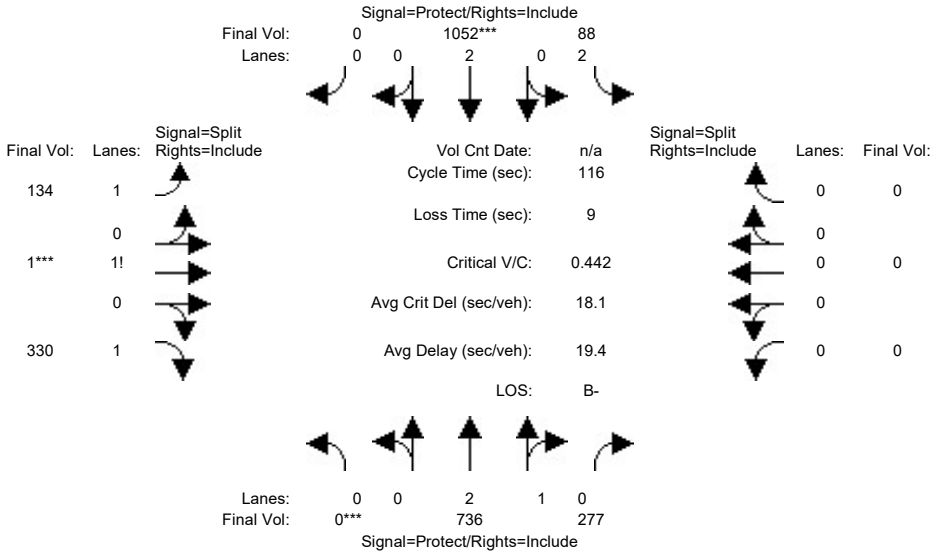
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:07:55 AM - 08:55 AM												
Base Vol:	0	736	277	88	1052	0	134	1	330	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	736	277	88	1052	0	134	1	330	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	736	277	88	1052	0	134	1	330	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	736	277	88	1052	0	134	1	330	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	736	277	88	1052	0	134	1	330	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	736	277	88	1052	0	134	1	330	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.15	0.85	2.00	2.00	0.00	1.29	0.01	1.70	0.00	0.00	0.00
Final Sat.:	0	4067	1531	3150	3800	0	2263	8	3064	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.18	0.18	0.03	0.28	0.00	0.06	0.13	0.11	0.00	0.00	0.00
Crit Moves:	****				****			****				
Green Time:	0.0	54.5	54.5	18.2	72.7	0.0	34.3	34.3	34.3	0.0	0.0	0.0
Volume/Cap:	0.00	0.38	0.38	0.18	0.44	0.00	0.20	0.44	0.36	0.00	0.00	0.00
Delay/Veh:	0.0	20.0	20.0	42.6	11.3	0.0	30.6	33.4	32.4	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.0	20.0	42.6	11.3	0.0	30.6	33.4	32.4	0.0	0.0	0.0
LOS by Move:	A	B-	B-	D	B+	A	C	C-	C-	A	A	A
HCM2kAvgQ:	0	8	8	2	9	0	3	7	6	0	0	0

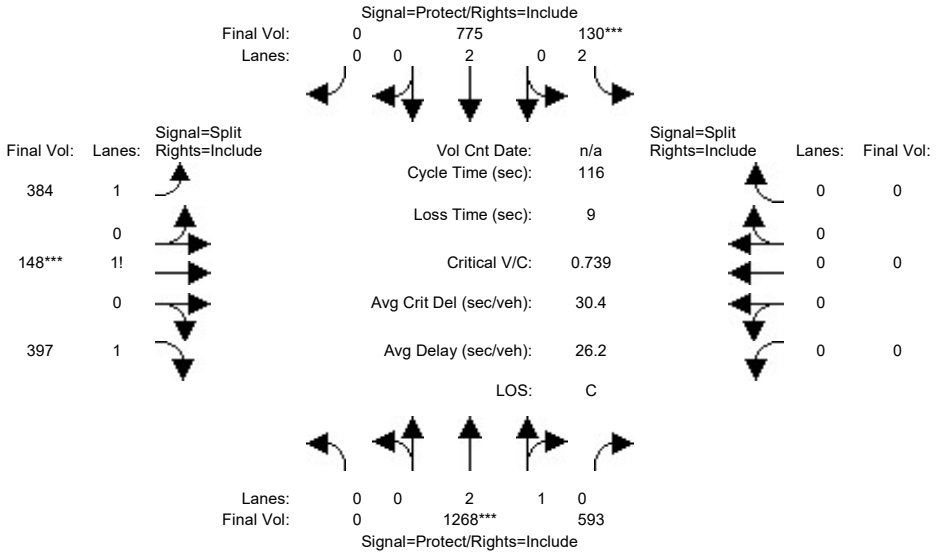
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:30-5:35												
Base Vol:	0	1268	593	130	775	0	384	148	397	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1268	593	130	775	0	384	148	397	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1268	593	130	775	0	384	148	397	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1268	593	130	775	0	384	148	397	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1268	593	130	775	0	384	148	397	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1268	593	130	775	0	384	148	397	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	0.00	2.01	0.99	2.00	2.00	0.00	1.36	0.27	1.37	0.00	0.00	0.00
Final Sat.:	0	3813	1783	3150	3800	0	2374	481	2395	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.33	0.33	0.04	0.20	0.00	0.16	0.31	0.17	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	51.9	51.9	7.0	58.9	0.0	48.1	48.1	48.1	0.0	0.0	0.0
Volume/Cap:	0.00	0.74	0.74	0.68	0.40	0.00	0.39	0.74	0.40	0.00	0.00	0.00
Delay/Veh:	0.0	27.7	27.7	63.3	17.8	0.0	23.8	31.2	24.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.7	27.7	63.3	17.8	0.0	23.8	31.2	24.0	0.0	0.0	0.0
LOS by Move:	A	C	C	E	B	A	C	C	C	A	A	A
HCM2kAvgQ:	0	17	17	3	8	0	8	19	8	0	0	0

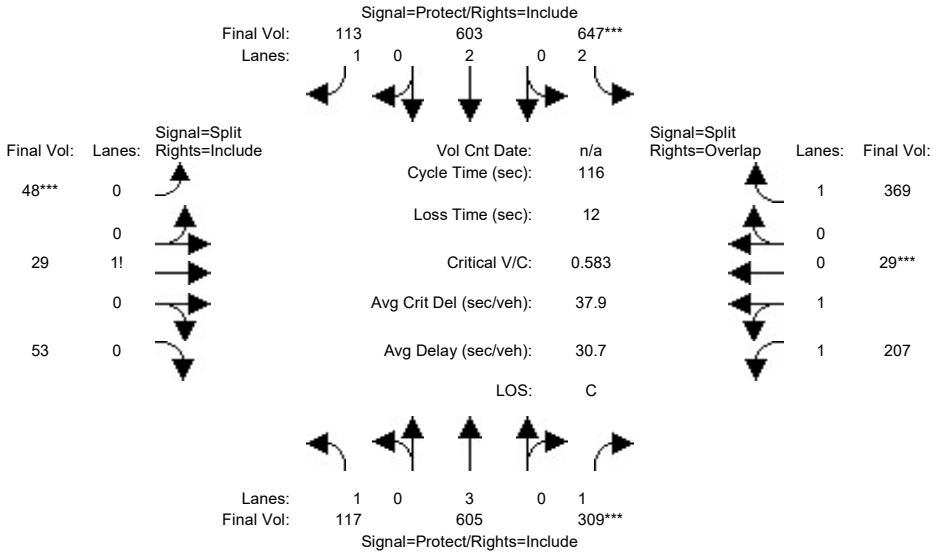
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:55-8:55												
Base Vol:	117	605	309	647	603	113	48	29	53	207	29	369
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	605	309	647	603	113	48	29	53	207	29	369
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	605	309	647	603	113	48	29	53	207	29	369
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	605	309	647	603	113	48	29	53	207	29	369
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	605	309	647	603	113	48	29	53	207	29	369
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	605	309	647	603	113	48	29	53	207	29	369
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.37	0.22	0.41	1.76	0.24	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	646	390	713	3114	436	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.18	0.21	0.16	0.06	0.07	0.07	0.07	0.07	0.07	0.21
Crit Moves:			****	****			****				****	
Green Time:	22.5	35.1	35.1	40.9	53.5	53.5	14.8	14.8	14.8	13.2	13.2	54.1
Volume/Cap:	0.34	0.35	0.58	0.58	0.34	0.14	0.58	0.58	0.58	0.58	0.58	0.45
Delay/Veh:	41.0	31.7	35.9	31.4	20.2	18.1	51.6	51.6	51.6	50.9	50.9	21.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.0	31.7	35.9	31.4	20.2	18.1	51.6	51.6	51.6	50.9	50.9	21.3
LOS by Move:	D	C	D+	C	C+	B-	D-	D-	D-	D	D	C+
HCM2kAvgQ:	4	5	10	11	7	2	6	6	6	4	4	9

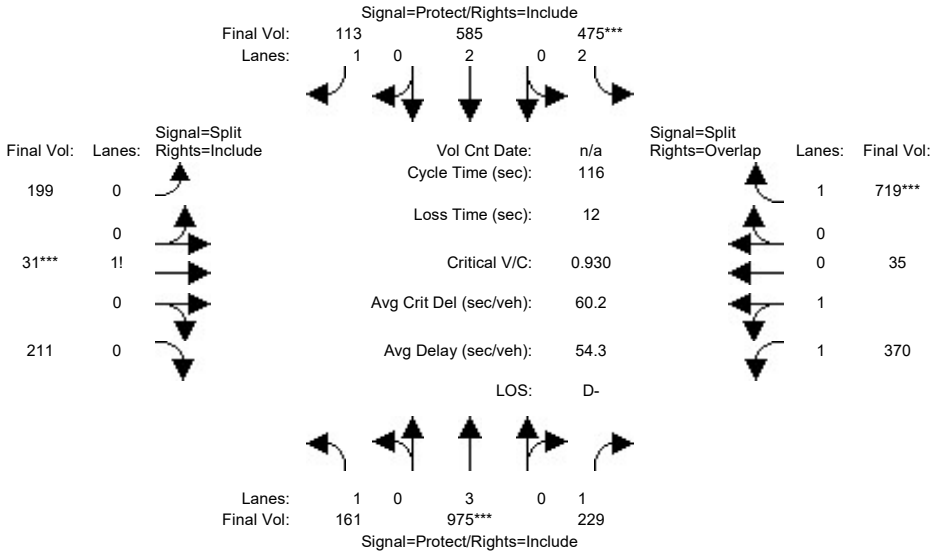
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:30-5:30												
Base Vol:	161	975	229	475	585	113	199	31	211	370	35	719
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	161	975	229	475	585	113	199	31	211	370	35	719
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	161	975	229	475	585	113	199	31	211	370	35	719
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	161	975	229	475	585	113	199	31	211	370	35	719
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	975	229	475	585	113	199	31	211	370	35	719
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	161	975	229	475	585	113	199	31	211	370	35	719
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.45	0.07	0.48	1.83	0.17	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	790	123	837	3243	307	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.17	0.13	0.15	0.15	0.06	0.25	0.25	0.25	0.11	0.11	0.41
Crit Moves:		****		****				****				****
Green Time:	15.0	21.3	21.3	18.8	25.1	25.1	31.4	31.4	31.4	32.4	32.4	51.2
Volume/Cap:	0.71	0.93	0.71	0.93	0.71	0.30	0.93	0.93	0.93	0.41	0.41	0.93
Delay/Veh:	58.5	60.6	51.7	71.7	45.0	38.5	66.2	66.2	66.2	34.3	34.3	48.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	58.5	60.6	51.7	71.7	45.0	38.5	66.2	66.2	66.2	34.3	34.3	48.3
LOS by Move:	E+	E	D-	E	D	D+	E	E	E	C-	C-	D
HCM2kAvgQ:	6	12	8	12	10	3	21	21	21	6	6	29

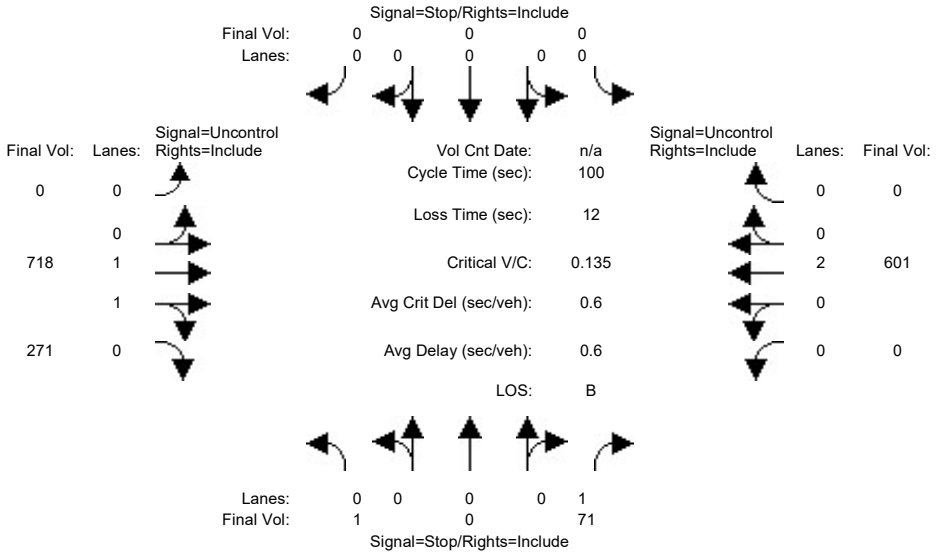
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - AM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	1	0	71	0	0	0	0	718	271	0	601	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	0	71	0	0	0	0	718	271	0	601	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	0	71	0	0	0	0	718	271	0	601	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1	0	71	0	0	0	0	718	271	0	601	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	1	0	71	0	0	0	0	718	271	0	601	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1154	1455	495	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	193	131	526	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	193	131	526	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.01	0.00	0.14	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	514	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	13.1	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	B	*	*	*	*	*	*	*	*	*	*
ApproachDel:		13.1			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		B			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	718	271	0	601	0
ApproachDel:	13.1			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.3]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=72]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1662]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	718	271	0	601	0

Major Street Volume: 1590
Minor Approach Volume: 72
Minor Approach Volume Threshold: 125

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

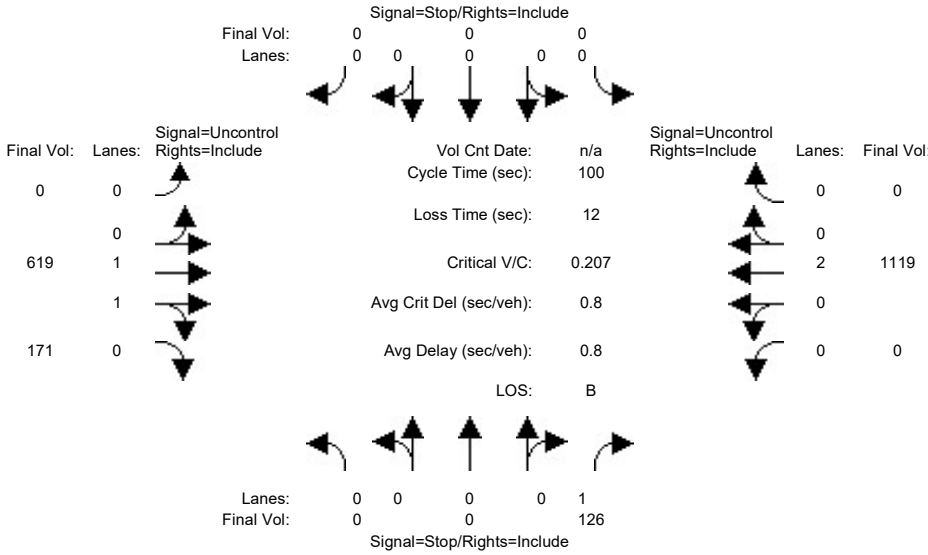
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - PM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	126	0	0	0	0	619	171	0	1119	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	126	0	0	0	0	619	171	0	1119	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	126	0	0	0	0	619	171	0	1119	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	126	0	0	0	0	619	171	0	1119	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	126	0	0	0	0	619	171	0	1119	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	395	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	610	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	610	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.21	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	0.8	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	12.4	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	12.4			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound	South Bound	East Bound	West Bound
Movement:	L - T - R	L - T - R	L - T - R	L - T - R
Control:	Stop Sign	Stop Sign	Uncontrolled	Uncontrolled
Lanes:	0 0 0 0 1	0 0 0 0 0	0 0 1 1 0	0 0 2 0 0
Initial Vol:	0 0 126	0 0 0	0 619 171	0 1119 0
ApproachDel:	12.4	xxxxxx	xxxxxx	xxxxxx

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=126]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2035]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound	South Bound	East Bound	West Bound
Movement:	L - T - R	L - T - R	L - T - R	L - T - R
Control:	Stop Sign	Stop Sign	Uncontrolled	Uncontrolled
Lanes:	0 0 0 0 1	0 0 0 0 0	0 0 1 1 0	0 0 2 0 0
Initial Vol:	0 0 126	0 0 0	0 619 171	0 1119 0

Major Street Volume: 1909
Minor Approach Volume: 126
Minor Approach Volume Threshold: 62 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

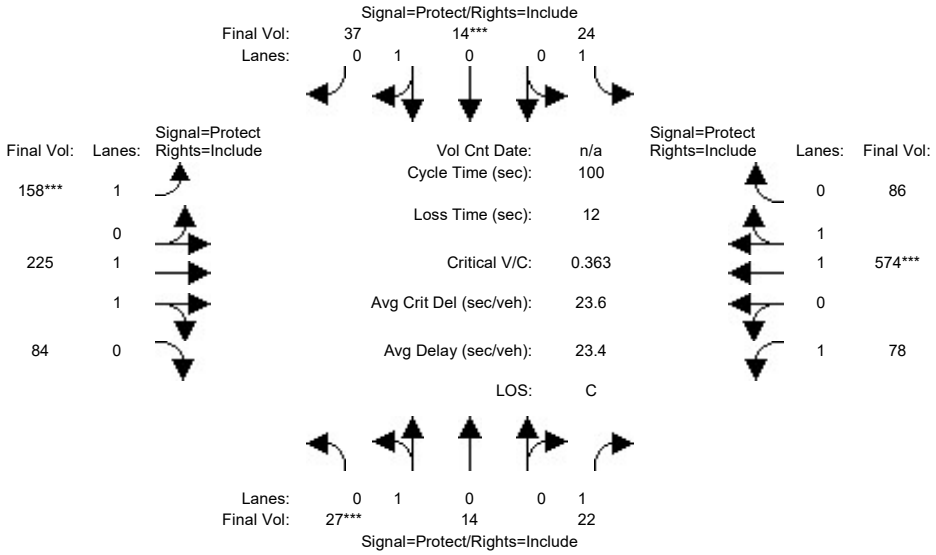
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	27	14	22	24	14	37	158	225	84	78	574	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	14	22	24	14	37	158	225	84	78	574	86
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	14	22	24	14	37	158	225	84	78	574	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	14	22	24	14	37	158	225	84	78	574	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	14	22	24	14	37	158	225	84	78	574	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	14	22	24	14	37	158	225	84	78	574	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.66	0.34	1.00	1.00	0.27	0.73	1.00	1.44	0.56	1.00	1.73	0.27
Final Sat.:	1185	615	1750	1750	494	1306	1750	2693	1006	1750	3218	482
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.01	0.03	0.03	0.09	0.08	0.08	0.04	0.18	0.18
Crit Moves:	****				****		****				****	
Green Time:	7.0	10.0	10.0	7.0	10.0	10.0	23.9	41.8	41.8	29.2	47.1	47.1
Volume/Cap:	0.33	0.23	0.13	0.20	0.28	0.28	0.38	0.20	0.20	0.15	0.38	0.38
Delay/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	34.5	18.8	18.8	26.8	17.6	17.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	34.5	18.8	18.8	26.8	17.6	17.6
LOS by Move:	D	D	D	D	D	D	C-	B-	B-	C	B	B
HCM2kAvgQ:	2	1	1	1	2	2	4	3	3	2	7	7

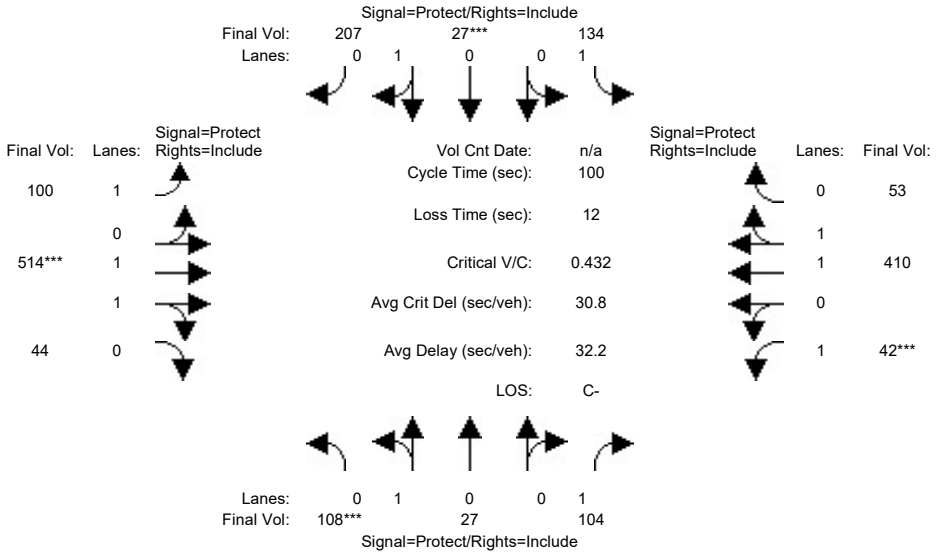
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	27	104	134	27	207	100	514	44	42	410	53
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	27	104	134	27	207	100	514	44	42	410	53
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	27	104	134	27	207	100	514	44	42	410	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	27	104	134	27	207	100	514	44	42	410	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	27	104	134	27	207	100	514	44	42	410	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	27	104	134	27	207	100	514	44	42	410	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.80	0.20	1.00	1.00	0.12	0.88	1.00	1.84	0.16	1.00	1.76	0.24
Final Sat.:	1440	360	1750	1750	208	1592	1750	3408	292	1750	3276	424
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.06	0.08	0.13	0.13	0.06	0.15	0.15	0.02	0.13	0.13
Crit Moves:	****				****			****			****	
Green Time:	17.1	26.4	26.4	20.2	29.6	29.6	14.8	34.3	34.3	7.0	26.5	26.5
Volume/Cap:	0.44	0.28	0.22	0.38	0.44	0.44	0.39	0.44	0.44	0.34	0.47	0.47
Delay/Veh:	41.7	30.7	29.9	37.5	31.1	31.1	42.8	26.5	26.5	51.8	32.5	32.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.7	30.7	29.9	37.5	31.1	31.1	42.8	26.5	26.5	51.8	32.5	32.5
LOS by Move:	D	C	C	D+	C	C	D	C	C	D-	C-	C-
HCM2kAvgQ:	4	4	3	4	6	6	3	6	6	2	6	6

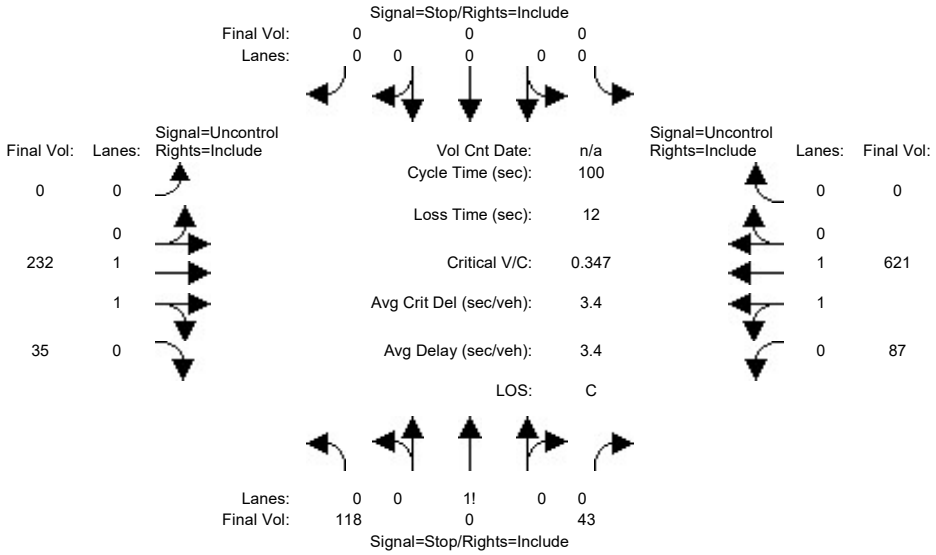
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - AM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	118	0	43	0	0	0	0	232	35	87	621	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	0	43	0	0	0	0	232	35	87	621	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	0	43	0	0	0	0	232	35	87	621	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	118	0	43	0	0	0	0	232	35	87	621	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	118	0	43	0	0	0	0	232	35	87	621	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	734	1045	134	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	267	xxxx	xxxxx
Potent Cap.:	360	231	897	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1308	xxxx	xxxxx
Move Cap.:	340	215	897	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1308	xxxx	xxxxx
Volume/Cap:	0.35	0.00	0.05	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.07	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.9	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	408	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	1.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Shrd ConDel:	xxxxx	19.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.9	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	A	*	*
ApproachDel:		19.5			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		C			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	43	0	0	0	0	232	35	87	621	0
ApproachDel:	19.5			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.9]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=161]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1136]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	43	0	0	0	0	232	35	87	621	0

Major Street Volume: 975
Minor Approach Volume: 161
Minor Approach Volume Threshold: 294

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

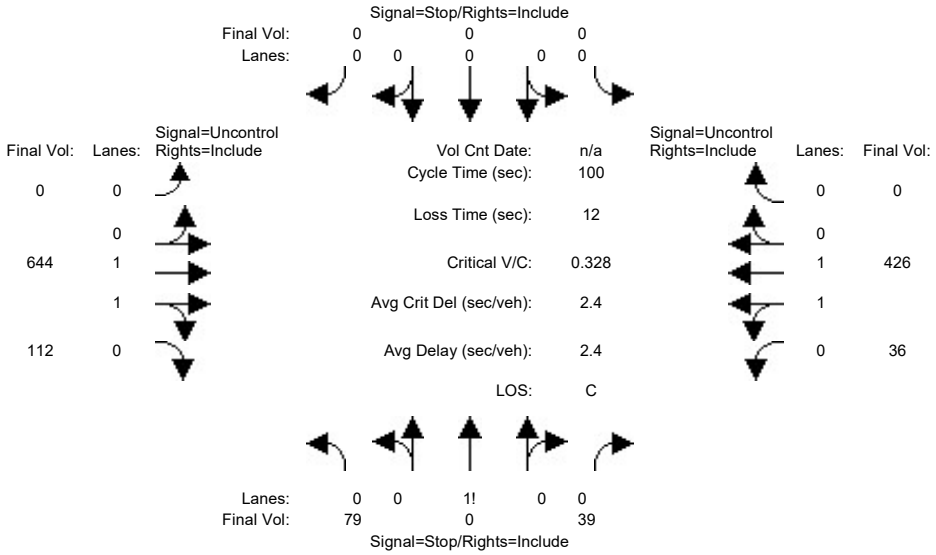
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - PM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	79	0	39	0	0	0	0	644	112	36	426	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	0	39	0	0	0	0	644	112	36	426	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	0	39	0	0	0	0	644	112	36	426	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	0	39	0	0	0	0	644	112	36	426	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	79	0	39	0	0	0	0	644	112	36	426	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	985	1198	378	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	756	xxxx	xxxxx
Potent Cap.:	249	187	625	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	864	xxxx	xxxxx
Move Cap.:	241	179	625	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	864	xxxx	xxxxx
Volume/Cap:	0.33	0.00	0.06	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.04	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.3	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	302	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	1.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Shrd ConDel:	xxxxx	24.4	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.3	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	A	*	*
ApproachDel:		24.4		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		C		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	39	0	0	0	0	644	112	36	426	0
ApproachDel:	24.4			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.8]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=118]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1336]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

Intersection #8 SAMARITAN/KINGHURST

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	39	0	0	0	0	644	112	36	426	0

Major Street Volume: 1218
Minor Approach Volume: 118
Minor Approach Volume Threshold: 217

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

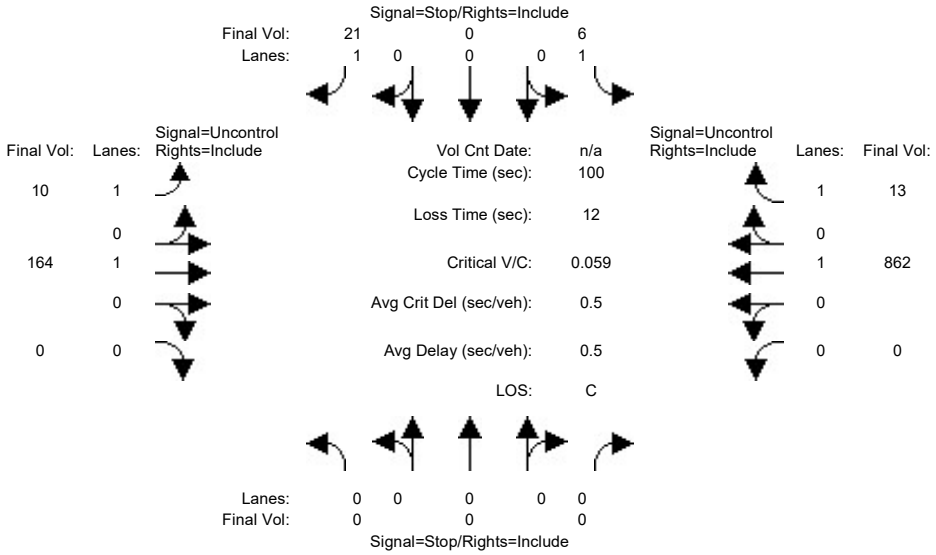
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - AM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	21	10	164	0	0	862	13
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	21	10	164	0	0	862	13
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	21	10	164	0	0	862	13
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	21	10	164	0	0	862	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	21	10	164	0	0	862	13
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1046	xxxx	862	875	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	255	xxxx	358	780	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	253	xxxx	358	780	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.02	xxxx	0.06	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.2	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	19.6	xxxx	15.7	9.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	C	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			16.6			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	21	10	164	0	0	862	13
ApproachDel:	xxxxxx			16.6			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=27]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1076]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	21	10	164	0	0	862	13

Major Street Volume: 1049
Minor Approach Volume: 27
Minor Approach Volume Threshold: 354

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

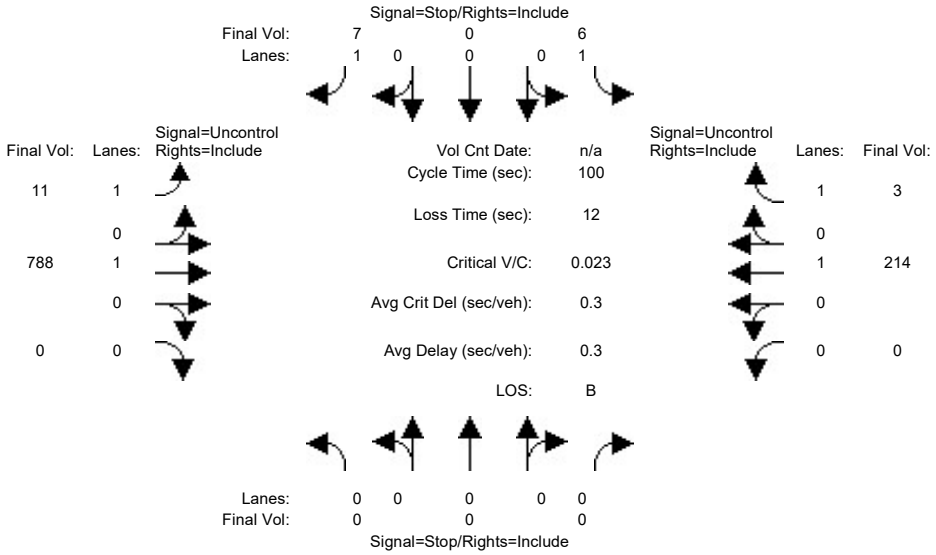
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - PM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	7	11	788	0	0	214	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	7	11	788	0	0	214	3
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	7	11	788	0	0	214	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	7	11	788	0	0	214	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	7	11	788	0	0	214	3
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1024	xxxx	214	217	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	263	xxxx	831	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	261	xxxx	831	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.02	xxxx	0.01	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.0	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	19.1	xxxx	9.4	7.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	A	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			13.9			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	7	11	788	0	0	214	3
ApproachDel:	xxxxxx			13.9			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=13]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1029]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	7	11	788	0	0	214	3

Major Street Volume: 1016
Minor Approach Volume: 13
Minor Approach Volume Threshold: 367

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

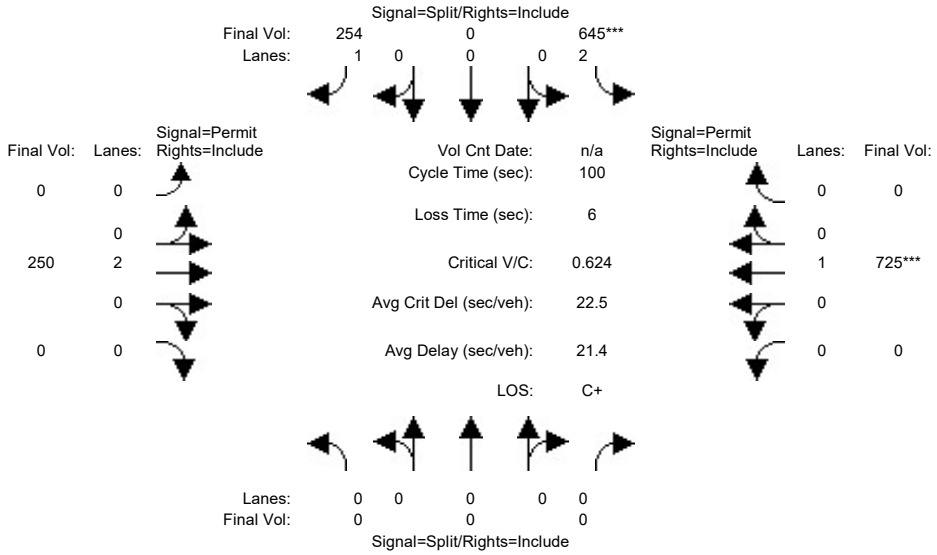
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	0	0	0	645	0	254	0	250	0	0	725	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	645	0	254	0	250	0	0	725	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	645	0	254	0	250	0	0	725	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	645	0	254	0	250	0	0	725	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	645	0	254	0	250	0	0	725	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	645	0	254	0	250	0	0	725	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.20	0.00	0.15	0.00	0.07	0.00	0.00	0.38	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	32.8	0.0	32.8	0.0	61.2	0.0	0.0	61.2	0.0
Volume/Cap:	0.00	0.00	0.00	0.62	0.00	0.44	0.00	0.11	0.00	0.00	0.62	0.00
Delay/Veh:	0.0	0.0	0.0	31.2	0.0	28.9	0.0	8.2	0.0	0.0	14.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	31.2	0.0	28.9	0.0	8.2	0.0	0.0	14.7	0.0
LOS by Move:	A	A	A	C	A	C	A	A	A	A	B	A
HCM2kAvgQ:	0	0	0	11	0	7	0	2	0	0	15	0

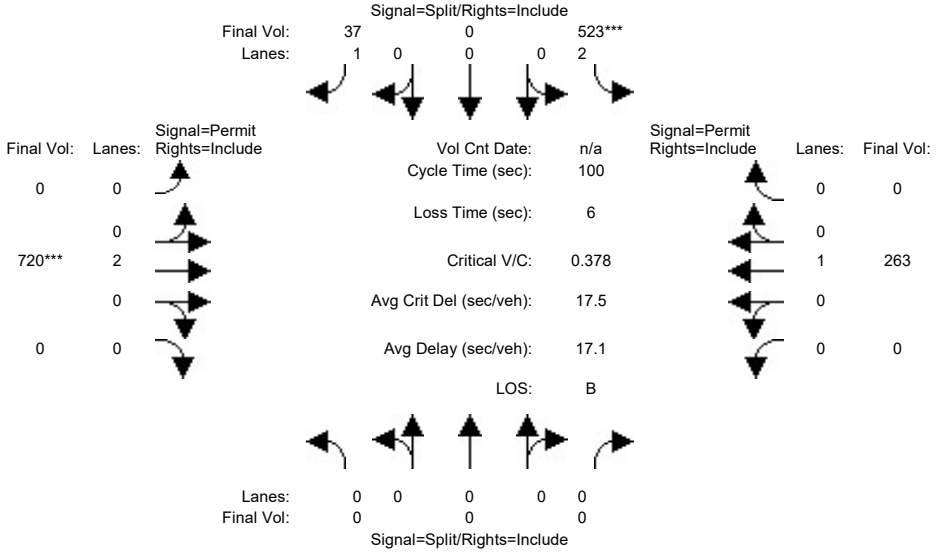
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:45-5:45												
Base Vol:	0	0	0	523	0	37	0	720	0	0	263	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	523	0	37	0	720	0	0	263	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	523	0	37	0	720	0	0	263	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	523	0	37	0	720	0	0	263	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	523	0	37	0	720	0	0	263	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	523	0	37	0	720	0	0	263	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.00	0.02	0.00	0.19	0.00	0.00	0.14	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	43.9	0.0	43.9	0.0	50.1	0.0	0.0	50.1	0.0
Volume/Cap:	0.00	0.00	0.00	0.38	0.00	0.05	0.00	0.38	0.00	0.00	0.28	0.00
Delay/Veh:	0.0	0.0	0.0	19.7	0.0	16.2	0.0	15.9	0.0	0.0	15.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	19.7	0.0	16.2	0.0	15.9	0.0	0.0	15.2	0.0
LOS by Move:	A	A	A	B-	A	B	A	B	A	A	B	A
HCM2kAvgQ:	0	0	0	6	0	1	0	7	0	0	5	0

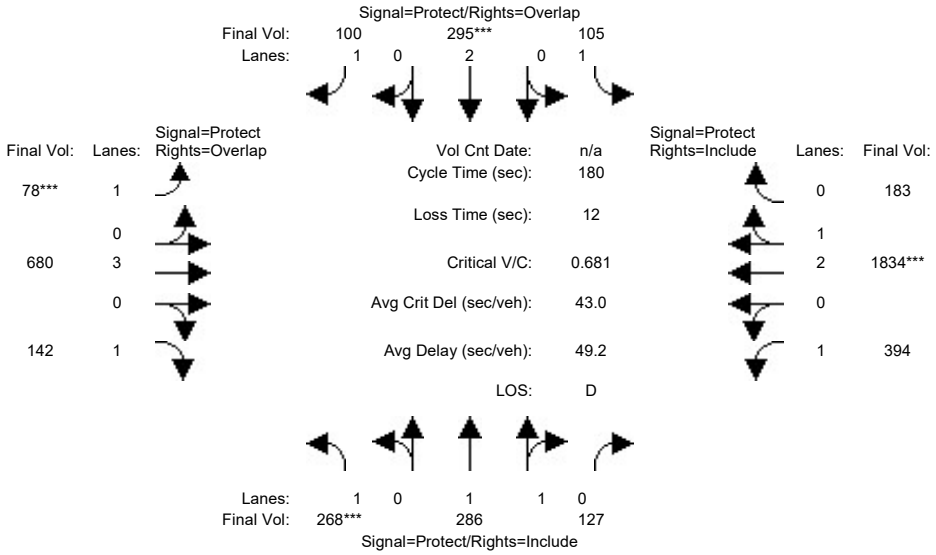
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:40-8:40												
Base Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	286	127	105	295	100	78	680	142	394	1834	183
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	268	286	127	105	295	100	78	680	142	394	1834	183
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	286	127	105	295	100	78	680	142	394	1834	183
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	268	286	127	105	295	100	78	680	142	394	1834	183
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.37	0.63	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	1750	2561	1137	1750	3800	1750	1750	5700	1750	1750	5091	508
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.06	0.08	0.06	0.04	0.12	0.08	0.23	0.36	0.36
Crit Moves:	****				****		****				****	
Green Time:	40.5	39.7	39.7	21.3	20.5	32.3	11.8	37.1	77.5	69.9	95.2	95.2
Volume/Cap:	0.68	0.51	0.51	0.51	0.68	0.32	0.68	0.58	0.19	0.58	0.68	0.68
Delay/Veh:	68.7	62.1	62.1	76.4	81.0	64.9	97.7	65.2	31.9	44.7	31.9	31.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.7	62.1	62.1	76.4	81.0	64.9	97.7	65.2	31.9	44.7	31.9	31.9
LOS by Move:	E	E	E	E-	F	E	F	E	C	D	C	C
HCM2kAvgQ:	15	10	10	6	9	5	6	12	5	18	27	27

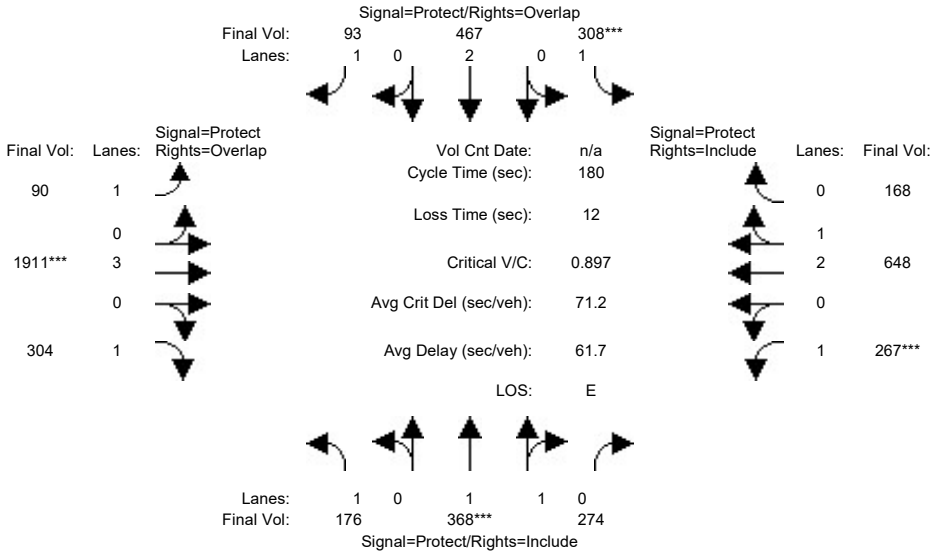
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:15-6:15												
Base Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	368	274	308	467	93	90	1911	304	267	648	168
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	368	274	308	467	93	90	1911	304	267	648	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	368	274	308	467	93	90	1911	304	267	648	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	368	274	308	467	93	90	1911	304	267	648	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.12	0.88	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.36	0.64
Final Sat.:	1750	2120	1578	1750	3800	1750	1750	5700	1750	1750	4446	1153
Capacity Analysis Module:												
Vol/Sat:	0.10	0.17	0.17	0.18	0.12	0.05	0.05	0.34	0.17	0.15	0.15	0.15
Crit Moves:		****		****				****		****		
Green Time:	31.6	34.8	34.8	35.3	38.6	64.1	25.5	67.3	98.8	30.6	72.3	72.3
Volume/Cap:	0.57	0.90	0.90	0.90	0.57	0.15	0.36	0.90	0.32	0.90	0.36	0.36
Delay/Veh:	70.7	84.9	84.9	95.5	64.3	39.5	70.8	58.6	22.3	100.8	37.8	37.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.7	84.9	84.9	95.5	64.3	39.5	70.8	58.6	22.3	100.8	37.8	37.8
LOS by Move:	E	F	F	F	E	D	E	E+	C+	F	D+	D+
HCM2kAvgQ:	10	21	21	21	12	4	5	35	9	18	10	10

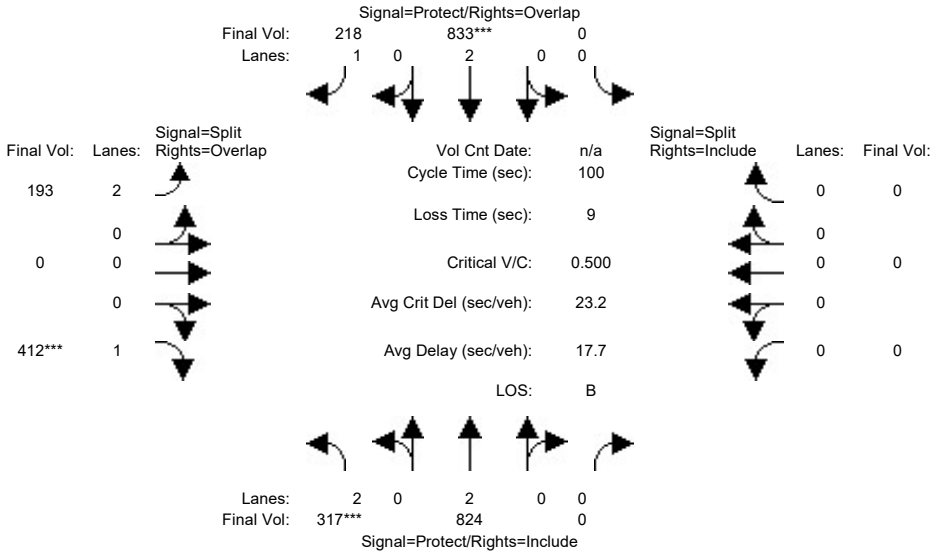
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	317	824	0	0	833	218	193	0	412	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	317	824	0	0	833	218	193	0	412	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	317	824	0	0	833	218	193	0	412	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	317	824	0	0	833	218	193	0	412	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	317	824	0	0	833	218	193	0	412	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	317	824	0	0	833	218	193	0	412	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.22	0.00	0.00	0.22	0.12	0.06	0.00	0.24	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	20.1	64.0	0.0	0.0	43.9	70.9	27.0	0.0	47.1	0.0	0.0	0.0
Volume/Cap:	0.50	0.34	0.00	0.00	0.50	0.18	0.23	0.00	0.50	0.00	0.00	0.00
Delay/Veh:	36.1	8.3	0.0	0.0	20.4	4.9	28.5	0.0	18.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.1	8.3	0.0	0.0	20.4	4.9	28.5	0.0	18.8	0.0	0.0	0.0
LOS by Move:	D+	A	A	A	C+	A	C	A	B-	A	A	A
HCM2kAvgQ:	5	6	0	0	9	2	3	0	10	0	0	0

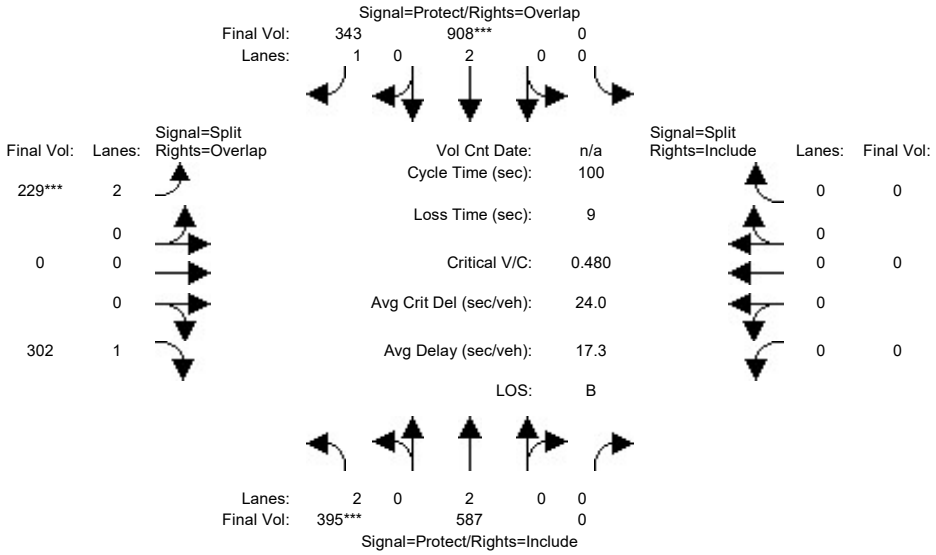
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:00-6:00												
Base Vol:	395	587	0	0	908	343	229	0	302	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	395	587	0	0	908	343	229	0	302	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	395	587	0	0	908	343	229	0	302	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	395	587	0	0	908	343	229	0	302	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	395	587	0	0	908	343	229	0	302	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	395	587	0	0	908	343	229	0	302	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.15	0.00	0.00	0.24	0.20	0.07	0.00	0.17	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	26.1	75.9	0.0	0.0	49.8	64.9	15.1	0.0	41.2	0.0	0.0	0.0
Volume/Cap:	0.48	0.20	0.00	0.00	0.48	0.30	0.48	0.00	0.42	0.00	0.00	0.00
Delay/Veh:	31.7	3.5	0.0	0.0	16.8	7.8	39.6	0.0	21.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.7	3.5	0.0	0.0	16.8	7.8	39.6	0.0	21.3	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	A	D	A	C+	A	A	A
HCM2kAvgQ:	6	3	0	0	9	5	4	0	7	0	0	0

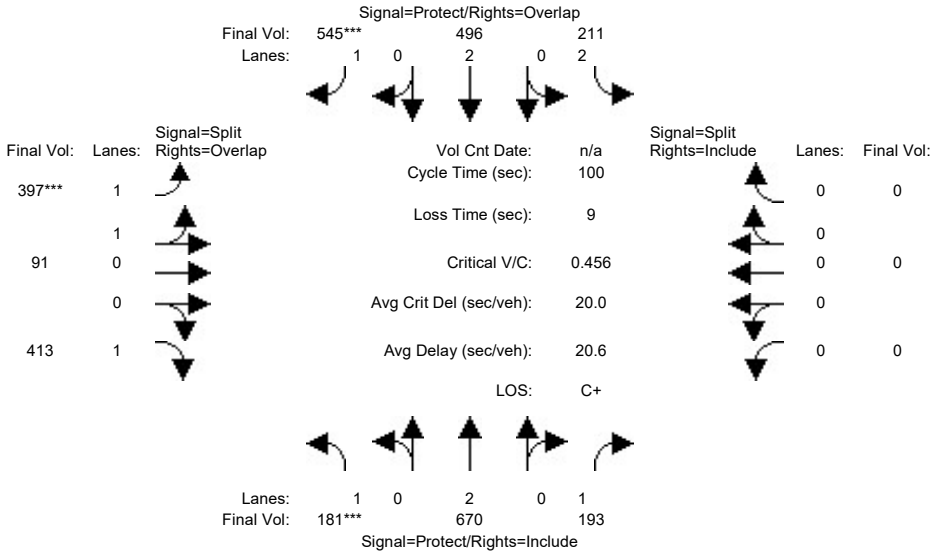
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:35-8:35												
Base Vol:	181	670	193	211	496	545	397	91	413	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	181	670	193	211	496	545	397	91	413	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	181	670	193	211	496	545	397	91	413	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	181	670	193	211	496	545	397	91	413	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	181	670	193	211	496	545	397	91	413	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	181	670	193	211	496	545	397	91	413	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.63	0.37	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2888	662	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.18	0.11	0.07	0.13	0.31	0.14	0.14	0.24	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	22.7	43.6	43.6	17.3	38.2	68.3	30.2	30.2	52.8	0.0	0.0	0.0
Volume/Cap:	0.46	0.40	0.25	0.39	0.34	0.46	0.46	0.46	0.45	0.00	0.00	0.00
Delay/Veh:	34.2	19.5	18.1	37.1	22.1	7.6	28.6	28.6	14.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.2	19.5	18.1	37.1	22.1	7.6	28.6	28.6	14.9	0.0	0.0	0.0
LOS by Move:	C-	B-	B-	D+	C+	A	C	C	B	A	A	A
HCM2kAvgQ:	5	7	4	3	5	8	6	6	8	0	0	0

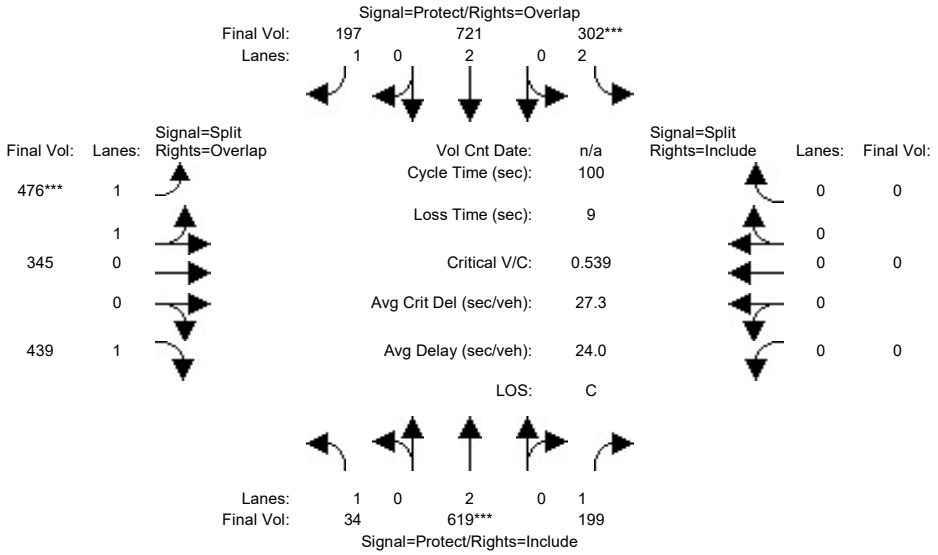
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:50-5:50												
Base Vol:	34	619	199	302	721	197	476	345	439	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	34	619	199	302	721	197	476	345	439	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	34	619	199	302	721	197	476	345	439	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	34	619	199	302	721	197	476	345	439	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	34	619	199	302	721	197	476	345	439	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	34	619	199	302	721	197	476	345	439	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.17	0.83	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2058	1492	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.16	0.11	0.10	0.19	0.11	0.23	0.23	0.25	0.00	0.00	0.00
Crit Moves:		****			****			****				
Green Time:	12.9	30.2	30.2	17.8	35.1	78.1	42.9	42.9	55.9	0.0	0.0	0.0
Volume/Cap:	0.15	0.54	0.38	0.54	0.54	0.14	0.54	0.54	0.45	0.00	0.00	0.00
Delay/Veh:	38.9	29.6	27.9	38.4	26.4	2.8	21.6	21.6	13.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.9	29.6	27.9	38.4	26.4	2.8	21.6	21.6	13.3	0.0	0.0	0.0
LOS by Move:	D+	C	C	D+	C	A	C+	C+	B	A	A	A
HCM2kAvgQ:	1	8	5	5	9	2	10	10	8	0	0	0

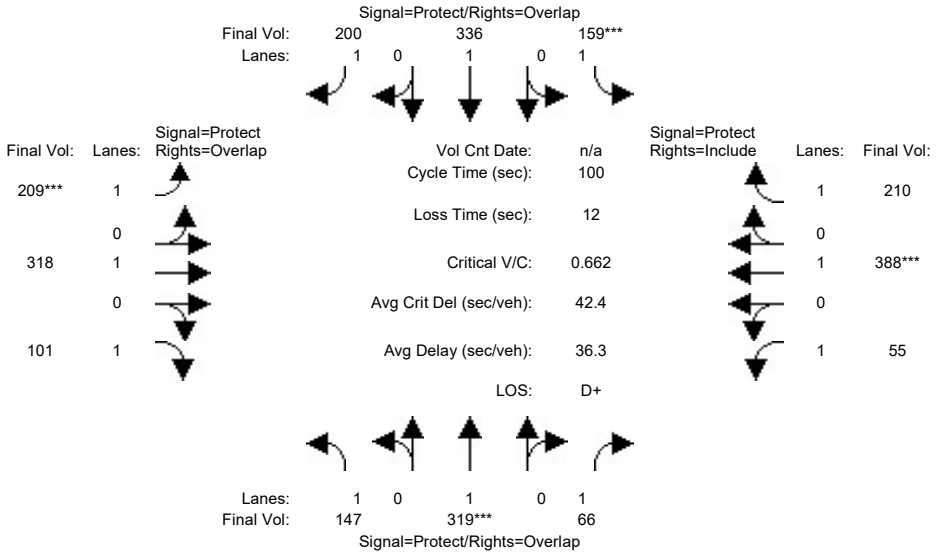
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	147	319	66	159	336	200	209	318	101	55	388	210
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	319	66	159	336	200	209	318	101	55	388	210
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	147	319	66	159	336	200	209	318	101	55	388	210
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	147	319	66	159	336	200	209	318	101	55	388	210
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	147	319	66	159	336	200	209	318	101	55	388	210
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	147	319	66	159	336	200	209	318	101	55	388	210
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.17	0.04	0.09	0.18	0.11	0.12	0.17	0.06	0.03	0.20	0.12
Crit Moves:		****			****			****			****	
Green Time:	12.6	25.4	39.8	13.7	26.5	44.6	18.0	34.5	47.1	14.4	30.9	30.9
Volume/Cap:	0.67	0.66	0.09	0.66	0.67	0.26	0.66	0.49	0.12	0.22	0.66	0.39
Delay/Veh:	56.6	40.5	19.1	54.4	39.7	18.2	48.6	28.3	15.2	39.8	35.8	29.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.6	40.5	19.1	54.4	39.7	18.2	48.6	28.3	15.2	39.8	35.8	29.3
LOS by Move:	E+	D	B-	D-	D	B-	D	C	B	D	D+	C
HCM2kAvgQ:	6	10	1	5	10	4	7	8	2	2	11	6

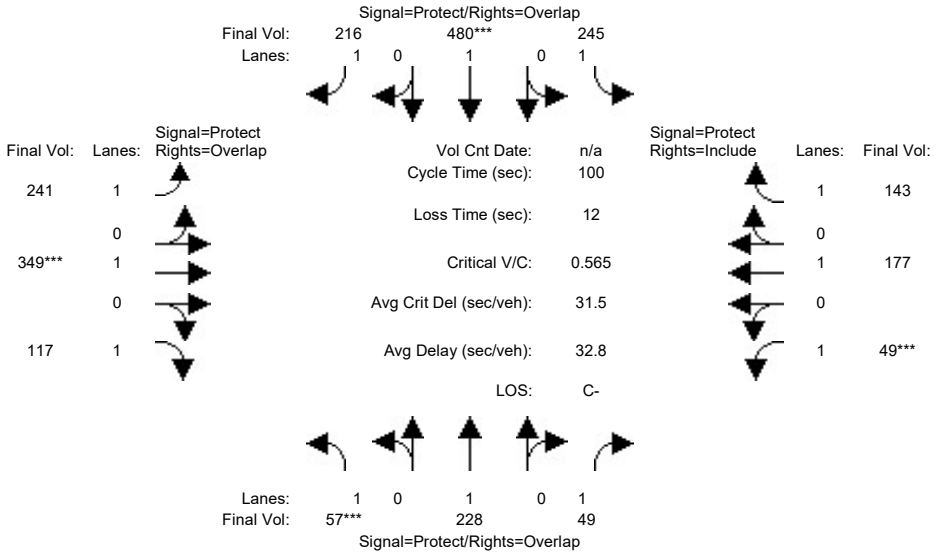
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:00-6:00												
Base Vol:	57	228	49	245	480	216	241	349	117	49	177	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	228	49	245	480	216	241	349	117	49	177	143
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	228	49	245	480	216	241	349	117	49	177	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	228	49	245	480	216	241	349	117	49	177	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	228	49	245	480	216	241	349	117	49	177	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	228	49	245	480	216	241	349	117	49	177	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.12	0.03	0.14	0.25	0.12	0.14	0.18	0.07	0.03	0.09	0.08
Crit Moves:	****				****			****			****	
Green Time:	7.0	23.0	30.0	26.8	42.8	64.9	22.1	31.2	38.2	7.0	16.1	16.1
Volume/Cap:	0.47	0.52	0.09	0.52	0.59	0.19	0.62	0.59	0.18	0.40	0.58	0.51
Delay/Veh:	56.9	38.1	25.6	35.2	25.0	7.4	42.6	33.3	21.1	54.0	46.7	44.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.9	38.1	25.6	35.2	25.0	7.4	42.6	33.3	21.1	54.0	46.7	44.8
LOS by Move:	E+	D+	C	D+	C	A	D	C-	C+	D-	D	D
HCM2kAvgQ:	2	7	1	7	11	3	8	9	3	2	6	5

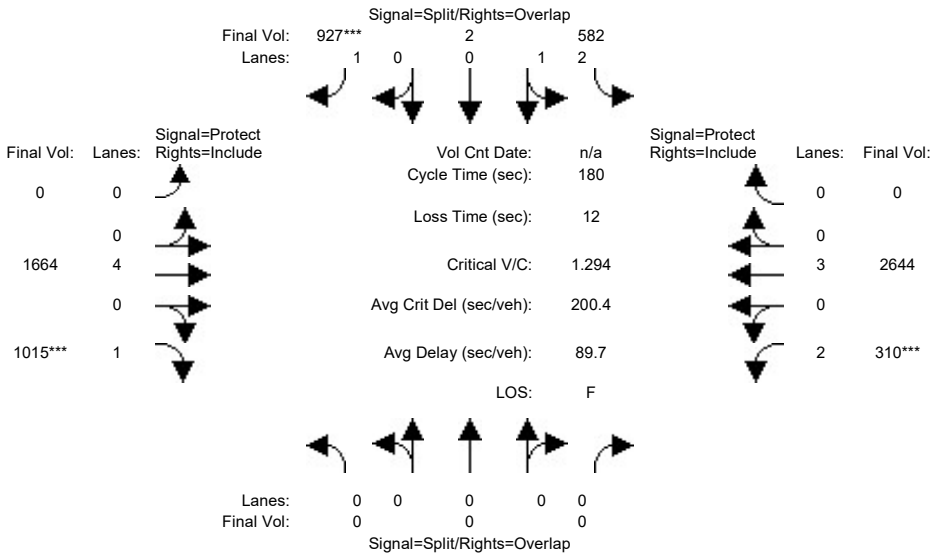
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	582	2	927	0	1664	1015	310	2644	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4933	17	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.12	0.53	0.00	0.22	0.58	0.10	0.46	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	73.7	73.7	73.7	0.0	80.7	80.7	13.7	94.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.29	0.29	1.29	0.00	0.49	1.29	1.29	0.89	0.00
Delay/Veh:	0.0	0.0	0.0	35.7	35.7	195.9	0.0	35.2	191.6	243.0	41.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.7	35.7	195.9	0.0	35.2	191.6	243.0	41.6	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D+	F	F	D	A
HCM2kAvgQ:	0	0	0	8	8	83	0	16	90	15	42	0

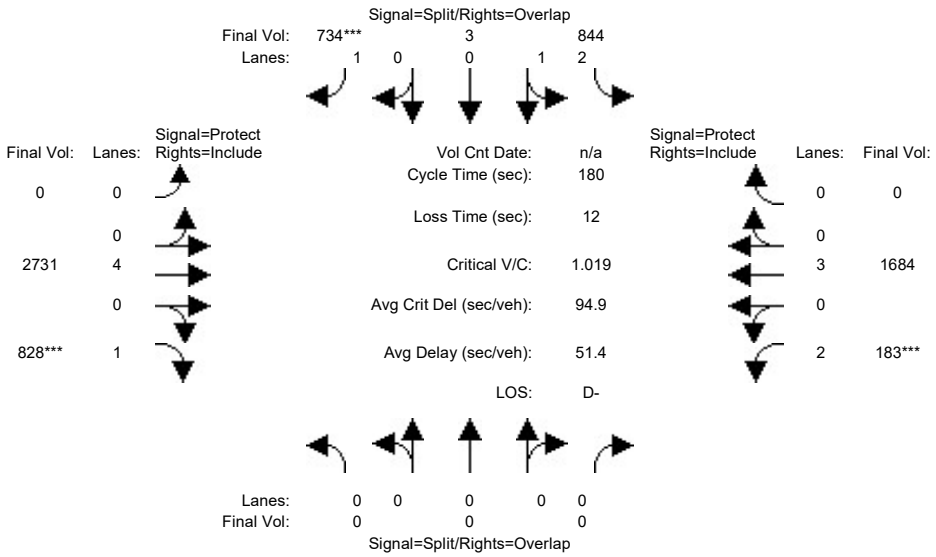
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	844	3	734	0	2731	828	183	1684	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	844	3	734	0	2731	828	183	1684	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	844	3	734	0	2731	828	183	1684	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	844	3	734	0	2731	828	183	1684	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	18	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.17	0.42	0.00	0.36	0.47	0.06	0.30	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	74.1	74.1	74.1	0.0	83.6	83.6	10.3	93.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.42	1.02	0.00	0.77	1.02	1.02	0.57	0.00
Delay/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.4	84.5	156.9	29.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.4	84.5	156.9	29.5	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D	F	F	C	A
HCM2kAvgQ:	0	0	0	12	12	51	0	32	57	7	20	0

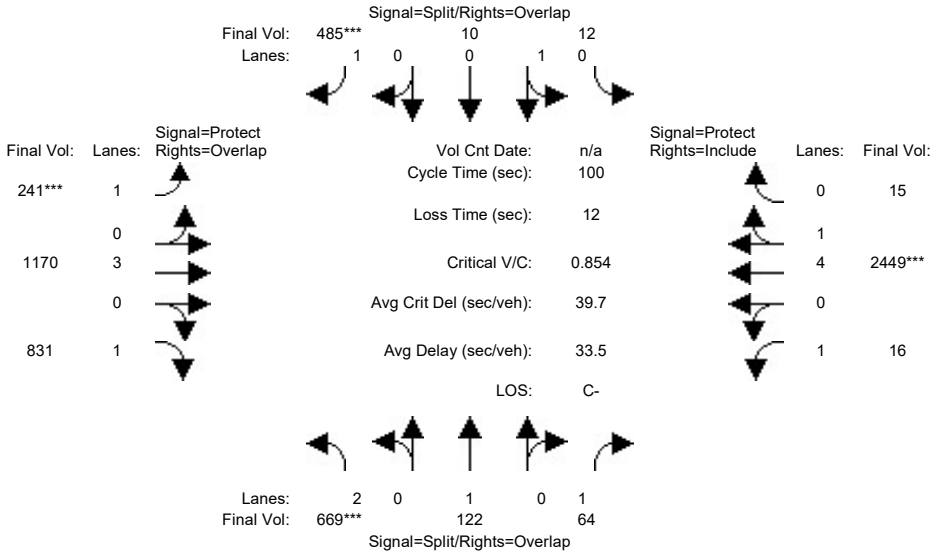
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	669	122	64	12	10	485	241	1170	831	16	2449	15
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	669	122	64	12	10	485	241	1170	831	16	2449	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	669	122	64	12	10	485	241	1170	831	16	2449	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	669	122	64	12	10	485	241	1170	831	16	2449	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.55	0.45	1.00	1.00	3.00	1.00	1.00	4.97	0.03
Final Sat.:	3150	1900	1750	982	818	1750	1750	5700	1750	1750	9343	57
Capacity Analysis Module:												
Vol/Sat:	0.21	0.06	0.04	0.01	0.01	0.28	0.14	0.21	0.47	0.01	0.26	0.26
Crit Moves:	****					****	****				****	
Green Time:	24.9	24.9	34.7	16.3	16.3	32.4	16.1	37.0	61.8	9.9	30.7	30.7
Volume/Cap:	0.85	0.26	0.11	0.07	0.07	0.85	0.85	0.56	0.77	0.09	0.85	0.85
Delay/Veh:	44.9	30.5	22.2	35.6	35.6	43.6	62.4	25.3	17.3	41.2	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.9	30.5	22.2	35.6	35.6	43.6	62.4	25.3	17.3	41.2	35.2	35.2
LOS by Move:	D	C	C+	D+	D+	D	E	C	B	D	D+	D+
HCM2kAvgQ:	15	3	1	1	1	18	9	9	20	0	14	14

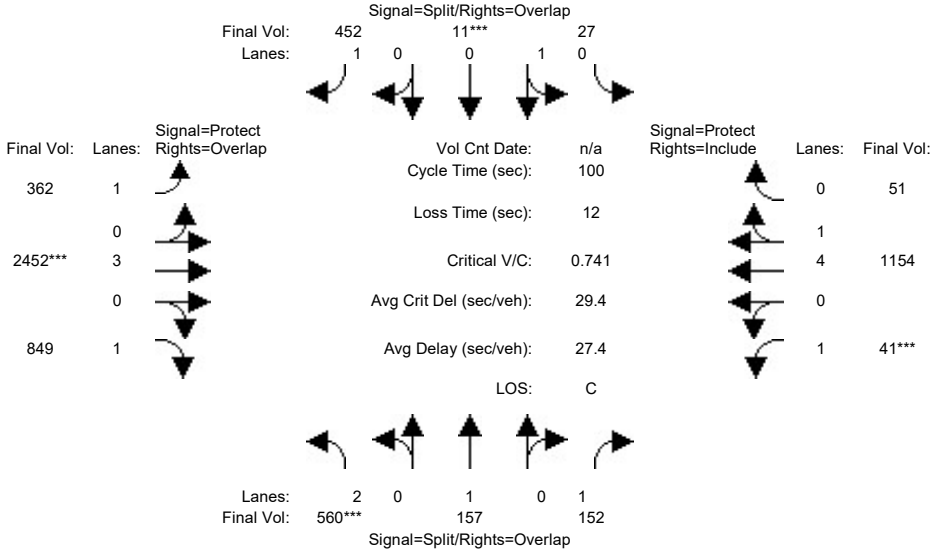
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	560	157	152	27	11	452	362	2452	849	41	1154	51
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	560	157	152	27	11	452	362	2452	849	41	1154	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	560	157	152	27	11	452	362	2452	849	41	1154	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	560	157	152	27	11	452	362	2452	849	41	1154	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.71	0.29	1.00	1.00	3.00	1.00	1.00	4.78	0.22
Final Sat.:	3150	1900	1750	1279	521	1750	1750	5700	1750	1750	9001	398
Capacity Analysis Module:												
Vol/Sat:	0.18	0.08	0.09	0.02	0.02	0.26	0.21	0.43	0.49	0.02	0.13	0.13
Crit Moves:	****				****			****			****	
Green Time:	20.8	20.8	27.8	10.0	10.0	45.3	35.3	50.2	71.0	7.0	21.9	21.9
Volume/Cap:	0.86	0.40	0.31	0.21	0.21	0.57	0.59	0.86	0.68	0.33	0.59	0.59
Delay/Veh:	49.0	34.9	28.9	42.0	42.0	21.1	27.8	24.5	9.8	45.9	35.4	35.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.0	34.9	28.9	42.0	42.0	21.1	27.8	24.5	9.8	45.9	35.4	35.4
LOS by Move:	D	C-	C	D	D	C+	C	C	A	D	D+	D+
HCM2kAvgQ:	13	4	4	1	1	11	9	22	15	1	7	7

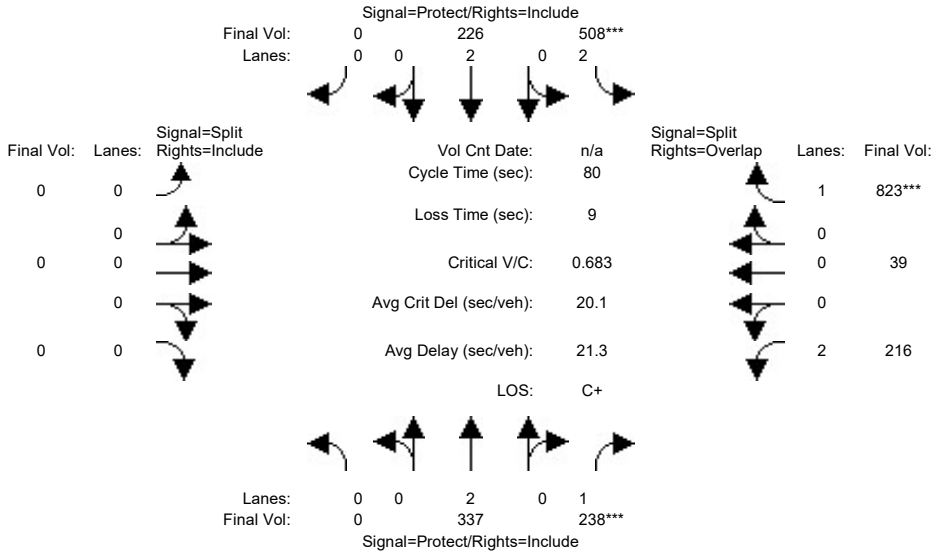
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	337	238	508	226	0	0	0	0	216	39	823
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	337	238	508	226	0	0	0	0	216	39	823
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	337	238	508	226	0	0	0	0	216	39	823
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	337	238	508	226	0	0	0	0	216	39	823
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	337	238	508	226	0	0	0	0	216	39	823
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	337	238	508	226	0	0	0	0	216	39	823
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	1.71	0.29	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3001	542	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.09	0.14	0.16	0.06	0.00	0.00	0.00	0.00	0.07	0.07	0.47
Crit Moves:			****	****								****
Green Time:	0.0	15.9	15.9	18.9	34.8	0.0	0.0	0.0	0.0	36.2	36.2	55.1
Volume/Cap:	0.00	0.45	0.68	0.68	0.14	0.00	0.00	0.00	0.00	0.16	0.16	0.68
Delay/Veh:	0.0	30.1	40.1	32.9	13.7	0.0	0.0	0.0	0.0	13.0	13.0	9.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	30.1	40.1	32.9	13.7	0.0	0.0	0.0	0.0	13.0	13.0	9.7
LOS by Move:	A	C	D	C-	B	A	A	A	A	B	B	A
HCM2kAvgQ:	0	4	7	8	2	0	0	0	0	2	2	14

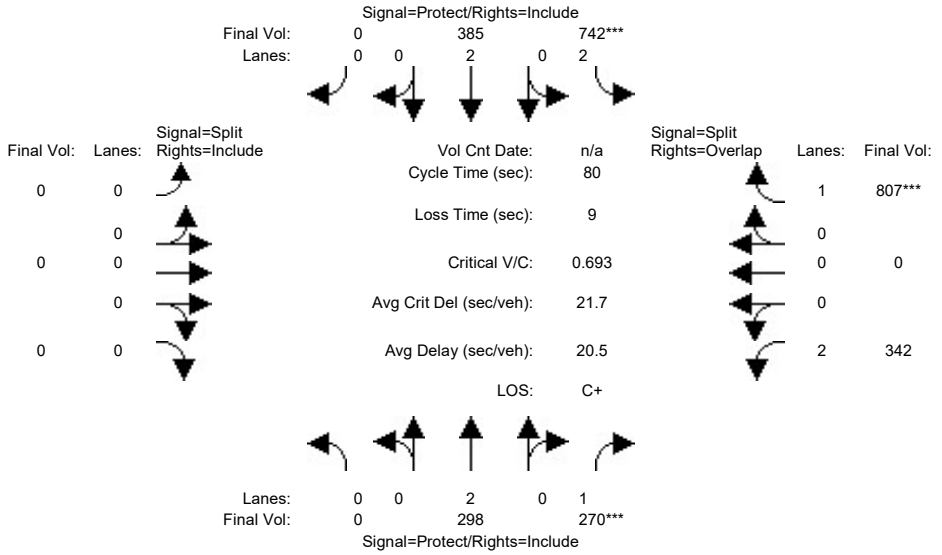
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	298	270	742	385	0	0	0	0	342	0	807
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	298	270	742	385	0	0	0	0	342	0	807
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	298	270	742	385	0	0	0	0	342	0	807
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	298	270	742	385	0	0	0	0	342	0	807
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	298	270	742	385	0	0	0	0	342	0	807
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	298	270	742	385	0	0	0	0	342	0	807
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.15	0.24	0.10	0.00	0.00	0.00	0.00	0.11	0.00	0.46
Crit Moves:			****	****								****
Green Time:	0.0	17.8	17.8	27.2	45.0	0.0	0.0	0.0	0.0	26.0	0.0	53.2
Volume/Cap:	0.00	0.35	0.69	0.69	0.18	0.00	0.00	0.00	0.00	0.33	0.00	0.69
Delay/Veh:	0.0	27.4	38.4	26.5	8.7	0.0	0.0	0.0	0.0	21.3	0.0	11.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.4	38.4	26.5	8.7	0.0	0.0	0.0	0.0	21.3	0.0	11.7
LOS by Move:	A	C	D+	C	A	A	A	A	A	C+	A	B+
HCM2kAvgQ:	0	3	8	11	2	0	0	0	0	4	0	14

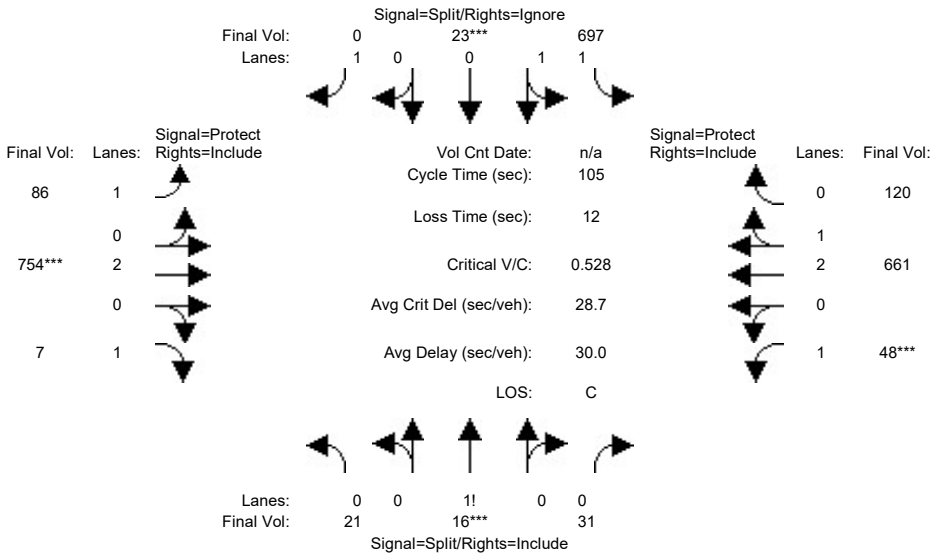
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	21	16	31	697	23	683	86	754	7	48	661	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	16	31	697	23	683	86	754	7	48	661	120
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	16	31	697	23	683	86	754	7	48	661	120
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	16	31	697	23	0	86	754	7	48	661	120
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	16	31	697	23	0	86	754	7	48	661	120
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	16	31	697	23	0	86	754	7	48	661	120
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	0.31	0.23	0.46	1.94	0.06	1.00	1.00	2.00	1.00	1.00	2.52	0.48
Final Sat.:	540	412	798	3437	113	1750	1750	3800	1750	1750	4738	860
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.20	0.20	0.00	0.05	0.20	0.00	0.03	0.14	0.14
Crit Moves:		****			****			****			****	
Green Time:	10.0	10.0	10.0	38.4	38.4	0.0	14.4	37.6	37.6	7.0	30.2	30.2
Volume/Cap:	0.41	0.41	0.41	0.55	0.55	0.00	0.36	0.55	0.01	0.41	0.49	0.49
Delay/Veh:	46.3	46.3	46.3	27.0	27.0	0.0	42.0	27.5	21.7	49.4	31.2	31.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.3	46.3	46.3	27.0	27.0	0.0	42.0	27.5	21.7	49.4	31.2	31.2
LOS by Move:	D	D	D	C	C	A	D	C	C+	D	C	C
HCM2kAvgQ:	3	3	3	10	10	0	3	10	0	2	7	7

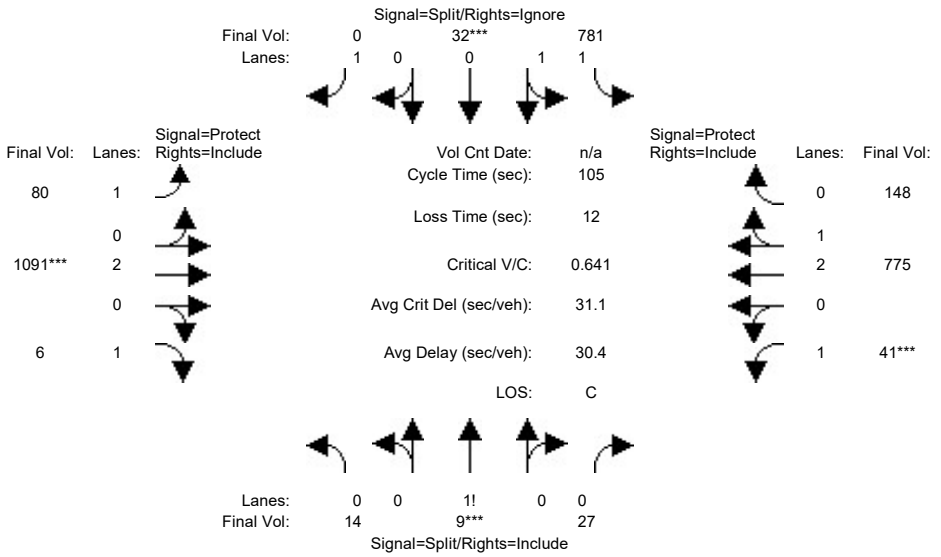
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	9	27	781	32	573	80	1091	6	41	775	148
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	9	27	781	32	573	80	1091	6	41	775	148
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	9	27	781	32	573	80	1091	6	41	775	148
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	9	27	781	32	0	80	1091	6	41	775	148
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	9	27	781	32	0	80	1091	6	41	775	148
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	9	27	781	32	0	80	1091	6	41	775	148
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	0.28	0.18	0.54	1.92	0.08	1.00	1.00	2.00	1.00	1.00	2.50	0.50
Final Sat.:	490	315	945	3410	140	1750	1750	3800	1750	1750	4701	898
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.23	0.23	0.00	0.05	0.29	0.00	0.02	0.16	0.16
Crit Moves:		****			****			****			****	
Green Time:	10.0	10.0	10.0	33.7	33.7	0.0	14.2	42.3	42.3	7.0	35.1	35.1
Volume/Cap:	0.30	0.30	0.30	0.71	0.71	0.00	0.34	0.71	0.01	0.35	0.49	0.49
Delay/Veh:	45.3	45.3	45.3	33.5	33.5	0.0	42.0	27.9	18.8	48.7	28.1	28.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.3	45.3	45.3	33.5	33.5	0.0	42.0	27.9	18.8	48.7	28.1	28.1
LOS by Move:	D	D	D	C-	C-	A	D	C	B-	D	C	C
HCM2kAvgQ:	2	2	2	13	13	0	2	15	0	1	8	8

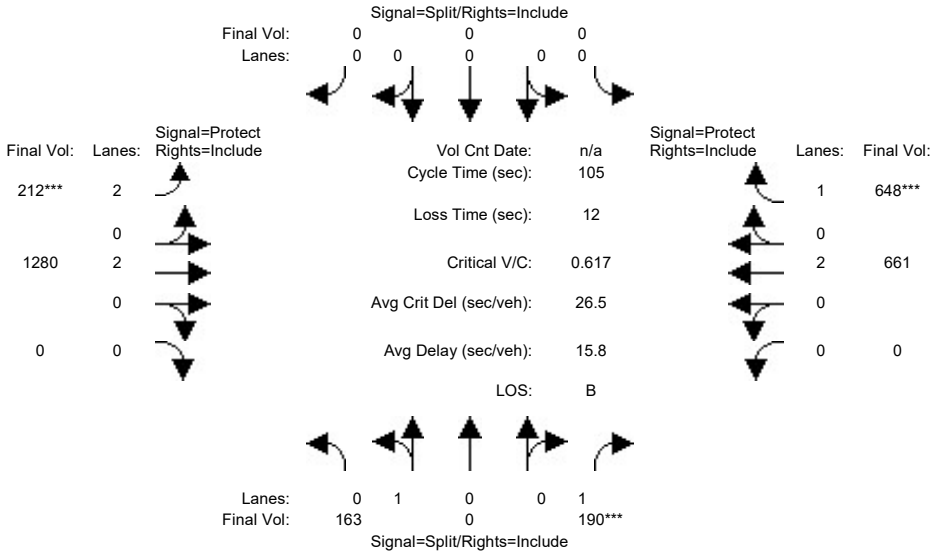
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	163	0	190	0	0	0	212	1280	0	0	661	648
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	163	0	190	0	0	0	212	1280	0	0	661	648
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	0	190	0	0	0	212	1280	0	0	661	648
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	0	190	0	0	0	212	1280	0	0	661	648
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	0	190	0	0	0	212	1280	0	0	661	648
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	0	190	0	0	0	212	1280	0	0	661	648
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1800	0	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.11	0.00	0.00	0.00	0.07	0.34	0.00	0.00	0.17	0.37
Crit Moves:			****				****					****
Green Time:	18.5	0.0	18.5	0.0	0.0	0.0	11.5	74.5	0.0	0.0	63.1	63.1
Volume/Cap:	0.51	0.00	0.62	0.00	0.00	0.00	0.62	0.47	0.00	0.00	0.29	0.62
Delay/Veh:	40.6	0.0	43.7	0.0	0.0	0.0	48.0	6.8	0.0	0.0	10.2	14.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.6	0.0	43.7	0.0	0.0	0.0	48.0	6.8	0.0	0.0	10.2	14.4
LOS by Move:	D	A	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	6	0	7	0	0	0	4	9	0	0	5	14

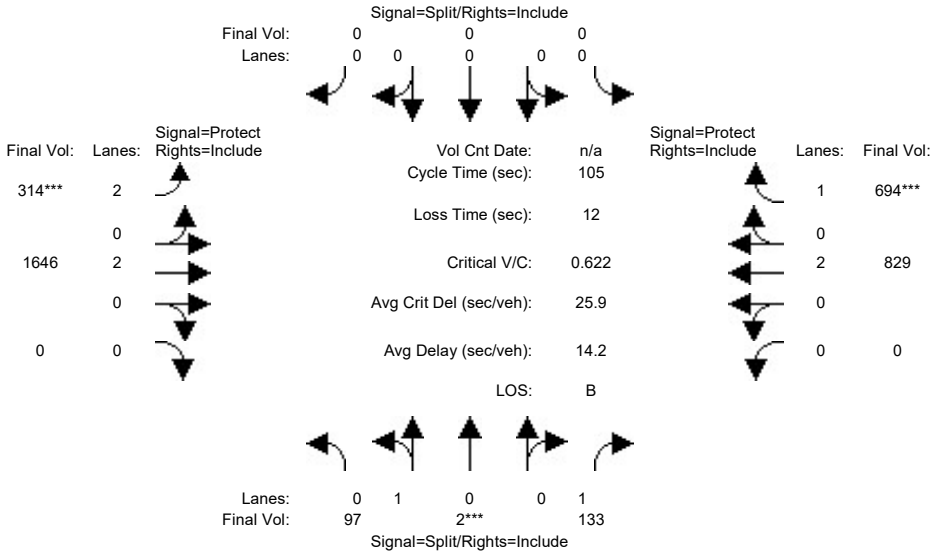
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	97	2	133	0	0	0	314	1646	0	0	829	694
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	97	2	133	0	0	0	314	1646	0	0	829	694
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	2	133	0	0	0	314	1646	0	0	829	694
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	97	2	133	0	0	0	314	1646	0	0	829	694
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	2	133	0	0	0	314	1646	0	0	829	694
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	97	2	133	0	0	0	314	1646	0	0	829	694
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	0.98	0.02	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1764	36	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.08	0.00	0.00	0.00	0.10	0.43	0.00	0.00	0.22	0.40
Crit Moves:		****					****					****
Green Time:	12.8	12.8	12.8	0.0	0.0	0.0	16.1	80.2	0.0	0.0	64.1	64.1
Volume/Cap:	0.45	0.45	0.62	0.00	0.00	0.00	0.65	0.57	0.00	0.00	0.36	0.65
Delay/Veh:	44.3	44.3	49.4	0.0	0.0	0.0	44.9	5.4	0.0	0.0	10.3	14.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.3	44.3	49.4	0.0	0.0	0.0	44.9	5.4	0.0	0.0	10.3	14.6
LOS by Move:	D	D	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	4	4	5	0	0	0	6	11	0	0	6	16

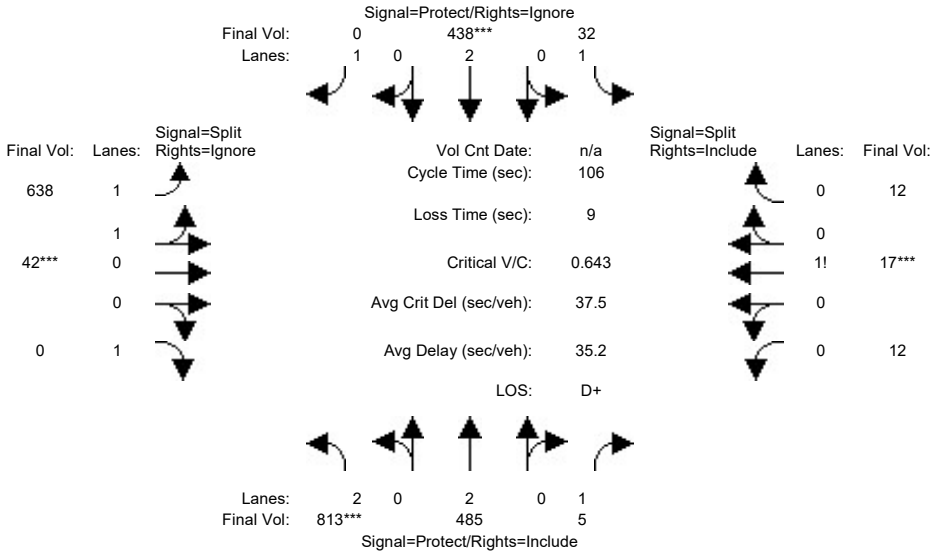
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	813	485	5	32	438	400	638	42	744	12	17	12
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	813	485	5	32	438	400	638	42	744	12	17	12
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	813	485	5	32	438	400	638	42	744	12	17	12
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	813	485	5	32	438	0	638	42	0	12	17	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	813	485	5	32	438	0	638	42	0	12	17	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	813	485	5	32	438	0	638	42	0	12	17	12
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.88	0.12	1.00	0.29	0.42	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3331	219	1750	512	726	512
Capacity Analysis Module:												
Vol/Sat:	0.26	0.13	0.00	0.02	0.12	0.00	0.19	0.19	0.00	0.02	0.02	0.02
Crit Moves:	****				****			****			****	
Green Time:	39.7	37.9	37.9	19.6	17.8	0.0	29.5	29.5	0.0	10.0	10.0	10.0
Volume/Cap:	0.69	0.36	0.01	0.10	0.69	0.00	0.69	0.69	0.00	0.25	0.25	0.25
Delay/Veh:	31.2	25.8	22.0	36.5	47.5	0.0	38.1	38.1	0.0	48.1	48.1	48.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.2	25.8	22.0	36.5	47.5	0.0	38.1	38.1	0.0	48.1	48.1	48.1
LOS by Move:	C	C	C+	D+	D	A	D+	D+	A	D	D	D
HCM2kAvgQ:	14	6	0	1	7	0	11	11	0	2	2	2

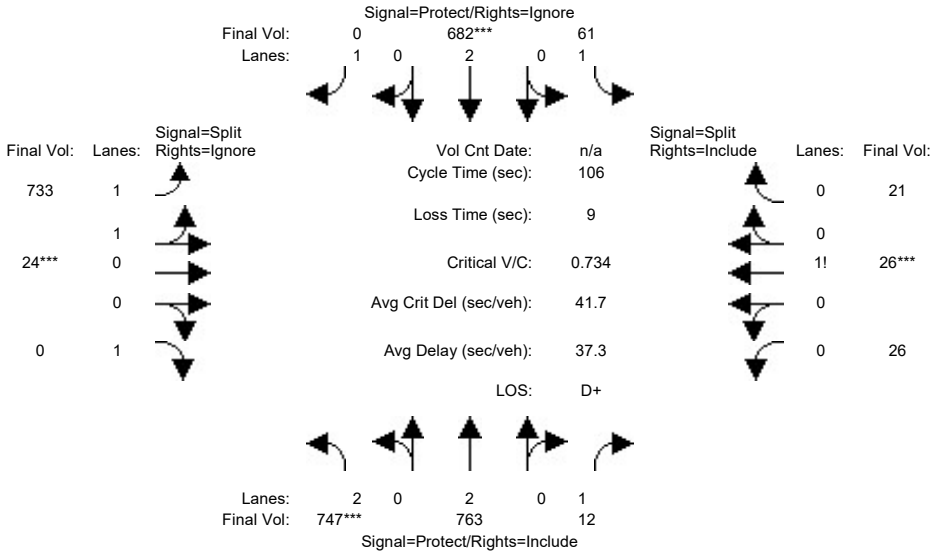
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	747	763	12	61	682	760	733	24	1000	26	26	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	747	763	12	61	682	760	733	24	1000	26	26	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	747	763	12	61	682	760	733	24	1000	26	26	21
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	747	763	12	61	682	0	733	24	0	26	26	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	747	763	12	61	682	0	733	24	0	26	26	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	747	763	12	61	682	0	733	24	0	26	26	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.94	0.06	1.00	0.36	0.35	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3437	113	1750	623	623	503
Capacity Analysis Module:												
Vol/Sat:	0.24	0.20	0.01	0.03	0.18	0.00	0.21	0.21	0.00	0.04	0.04	0.04
Crit Moves:	****				****			****			****	
Green Time:	32.8	43.3	43.3	14.2	24.8	0.0	29.5	29.5	0.0	10.0	10.0	10.0
Volume/Cap:	0.77	0.49	0.02	0.26	0.77	0.00	0.77	0.77	0.00	0.44	0.44	0.44
Delay/Veh:	39.0	24.3	18.7	43.8	44.2	0.0	40.8	40.8	0.0	53.7	53.7	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.0	24.3	18.7	43.8	44.2	0.0	40.8	40.8	0.0	53.7	53.7	53.7
LOS by Move:	D+	C	B-	D	D	A	D	D	A	D-	D-	D-
HCM2kAvgQ:	14	9	0	2	11	0	13	13	0	3	3	3

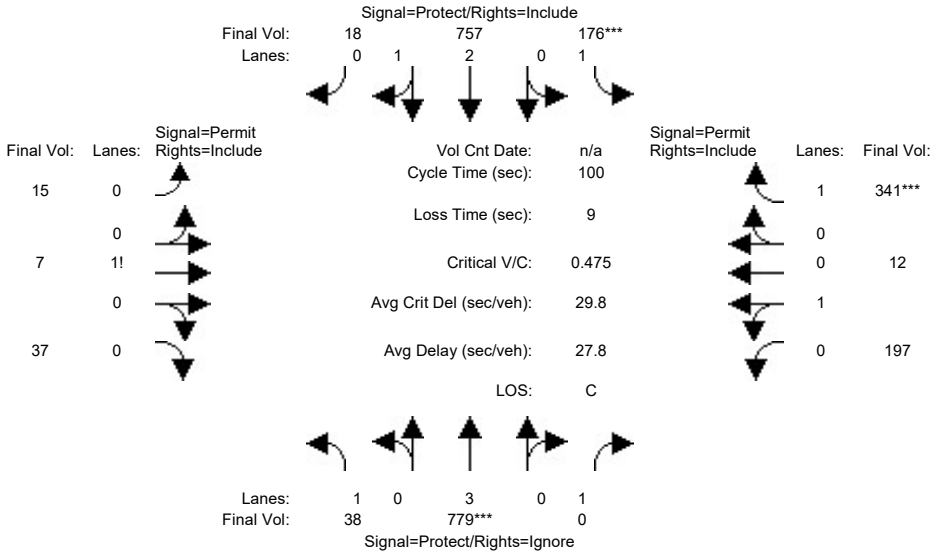
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	38	779	116	176	757	18	15	7	37	197	12	341
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	779	116	176	757	18	15	7	37	197	12	341
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	779	116	176	757	18	15	7	37	197	12	341
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	779	0	176	757	18	15	7	37	197	12	341
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	779	0	176	757	18	15	7	37	197	12	341
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	779	0	176	757	18	15	7	37	197	12	341
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.93	0.07	0.25	0.12	0.63	0.94	0.06	1.00
Final Sat.:	1750	5700	1750	1750	5470	130	445	208	1097	1697	103	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.00	0.10	0.14	0.14	0.03	0.03	0.03	0.12	0.12	0.19
Crit Moves:		****		****								****
Green Time:	16.8	28.8	0.0	21.2	33.2	33.2	41.0	41.0	41.0	41.0	41.0	41.0
Volume/Cap:	0.13	0.47	0.00	0.47	0.42	0.42	0.08	0.08	0.08	0.28	0.28	0.47
Delay/Veh:	36.3	30.4	0.0	38.8	26.6	26.6	18.2	18.2	18.2	20.6	20.6	23.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.3	30.4	0.0	38.8	26.6	26.6	18.2	18.2	18.2	20.6	20.6	23.8
LOS by Move:	D+	C	A	D+	C	C	B-	B-	B-	C+	C+	C
HCM2kAvgQ:	1	7	0	5	6	6	1	1	1	4	4	8

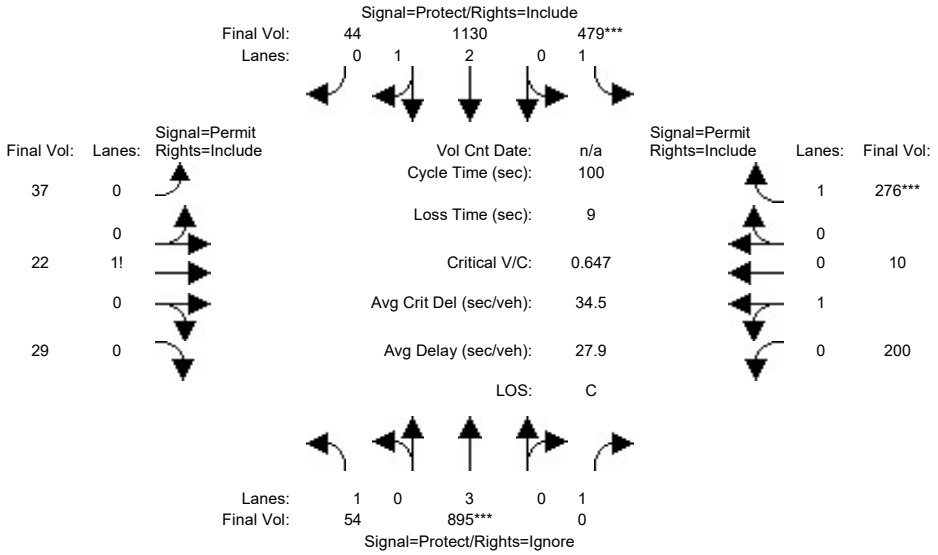
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	54	895	261	479	1130	44	37	22	29	200	10	276
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	895	261	479	1130	44	37	22	29	200	10	276
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	895	261	479	1130	44	37	22	29	200	10	276
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	895	0	479	1130	44	37	22	29	200	10	276
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	895	0	479	1130	44	37	22	29	200	10	276
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	895	0	479	1130	44	37	22	29	200	10	276
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.88	0.12	0.42	0.25	0.33	0.95	0.05	1.00
Final Sat.:	1750	5700	1750	1750	5390	210	736	438	577	1714	86	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.16	0.00	0.27	0.21	0.21	0.05	0.05	0.05	0.12	0.12	0.16
Crit Moves:		****		****								****
Green Time:	16.7	24.3	0.0	42.3	49.9	49.9	24.4	24.4	24.4	24.4	24.4	24.4
Volume/Cap:	0.19	0.65	0.00	0.65	0.42	0.42	0.21	0.21	0.21	0.48	0.48	0.65
Delay/Veh:	37.2	36.4	0.0	27.2	16.3	16.3	31.2	31.2	31.2	36.1	36.1	41.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.2	36.4	0.0	27.2	16.3	16.3	31.2	31.2	31.2	36.1	36.1	41.3
LOS by Move:	D+	D+	A	C	B	B	C	C	C	D+	D+	D
HCM2kAvgQ:	2	9	0	13	8	8	2	2	2	6	6	9

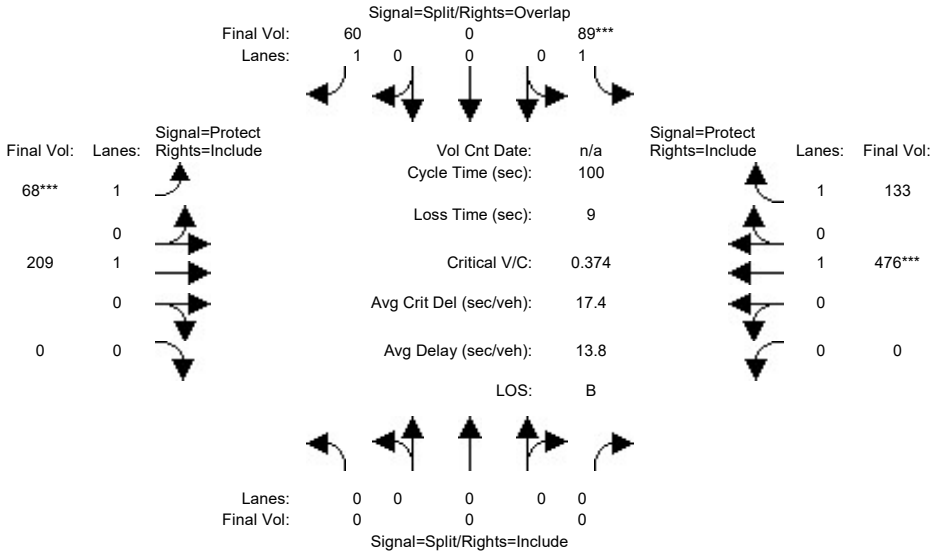
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	89	0	60	68	209	0	0	476	133
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	89	0	60	68	209	0	0	476	133
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	89	0	60	68	209	0	0	476	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	89	0	60	68	209	0	0	476	133
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	89	0	60	68	209	0	0	476	133
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	89	0	60	68	209	0	0	476	133
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.11	0.00	0.00	0.25	0.08
Crit Moves:				****			****				****	
Green Time:	0.0	0.0	0.0	13.6	0.0	24.0	10.4	77.4	0.0	0.0	67.0	67.0
Volume/Cap:	0.00	0.00	0.00	0.37	0.00	0.14	0.37	0.14	0.00	0.00	0.37	0.11
Delay/Veh:	0.0	0.0	0.0	43.8	0.0	30.6	47.6	3.1	0.0	0.0	8.1	6.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	43.8	0.0	30.6	47.6	3.1	0.0	0.0	8.1	6.1
LOS by Move:	A	A	A	D	A	C	D	A	A	A	A	A
HCM2kAvgQ:	0	0	0	3	0	2	2	2	0	0	6	2

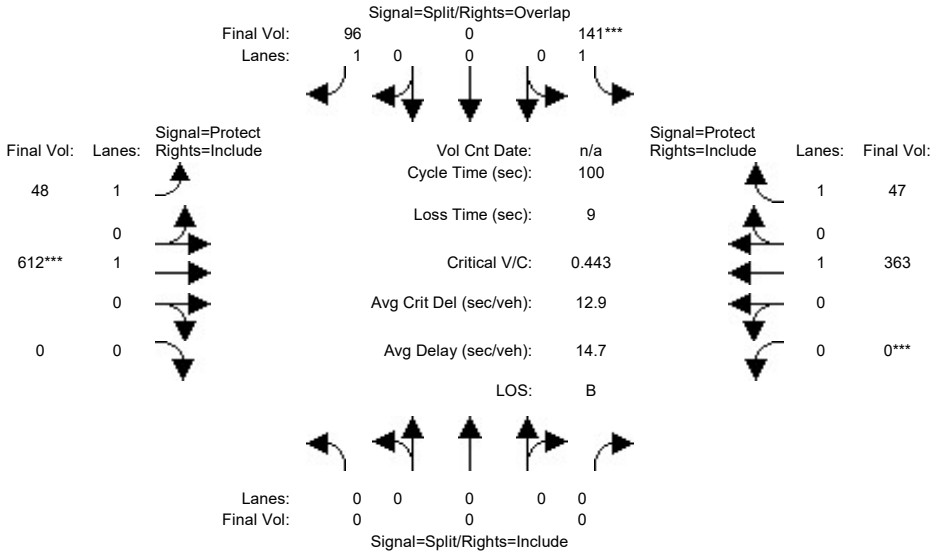
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	141	0	96	48	612	0	0	363	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	141	0	96	48	612	0	0	363	47
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	141	0	96	48	612	0	0	363	47
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	141	0	96	48	612	0	0	363	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	141	0	96	48	612	0	0	363	47
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	141	0	96	48	612	0	0	363	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.08	0.00	0.05	0.03	0.32	0.00	0.00	0.19	0.03
Crit Moves:				****				****		****		
Green Time:	0.0	0.0	0.0	18.2	0.0	37.7	19.5	72.8	0.0	0.0	53.3	53.3
Volume/Cap:	0.00	0.00	0.00	0.44	0.00	0.15	0.14	0.44	0.00	0.00	0.36	0.05
Delay/Veh:	0.0	0.0	0.0	40.8	0.0	21.0	34.2	6.5	0.0	0.0	14.5	11.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	40.8	0.0	21.0	34.2	6.5	0.0	0.0	14.5	11.3
LOS by Move:	A	A	A	D	A	C+	C-	A	A	A	B	B+
HCM2kAvgQ:	0	0	0	5	0	2	1	8	0	0	6	1

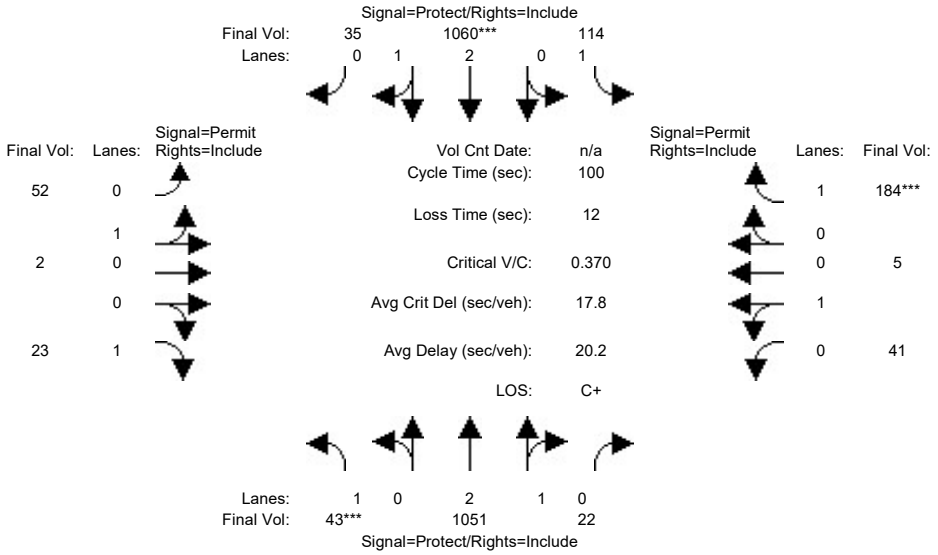
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	43	1051	22	114	1060	35	52	2	23	41	5	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	1051	22	114	1060	35	52	2	23	41	5	184
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	1051	22	114	1060	35	52	2	23	41	5	184
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	1051	22	114	1060	35	52	2	23	41	5	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	1051	22	114	1060	35	52	2	23	41	5	184
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	1051	22	114	1060	35	52	2	23	41	5	184
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.94	0.06	1.00	2.90	0.10	0.96	0.04	1.00	0.89	0.11	1.00
Final Sat.:	1750	5485	115	1750	5421	179	1733	67	1750	1604	196	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.07	0.20	0.20	0.03	0.03	0.01	0.03	0.03	0.11
Crit Moves:	****				****							****
Green Time:	7.0	43.7	43.7	16.0	52.7	52.7	28.3	28.3	28.3	28.3	28.3	28.3
Volume/Cap:	0.35	0.44	0.44	0.41	0.37	0.37	0.11	0.11	0.05	0.09	0.09	0.37
Delay/Veh:	52.1	20.2	20.2	42.1	14.3	14.3	26.9	26.9	26.2	26.7	26.7	30.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.1	20.2	20.2	42.1	14.3	14.3	26.9	26.9	26.2	26.7	26.7	30.8
LOS by Move:	D-	C+	C+	D	B	B	C	C	C	C	C	C
HCM2kAvgQ:	1	8	8	3	7	7	1	1	1	1	1	5

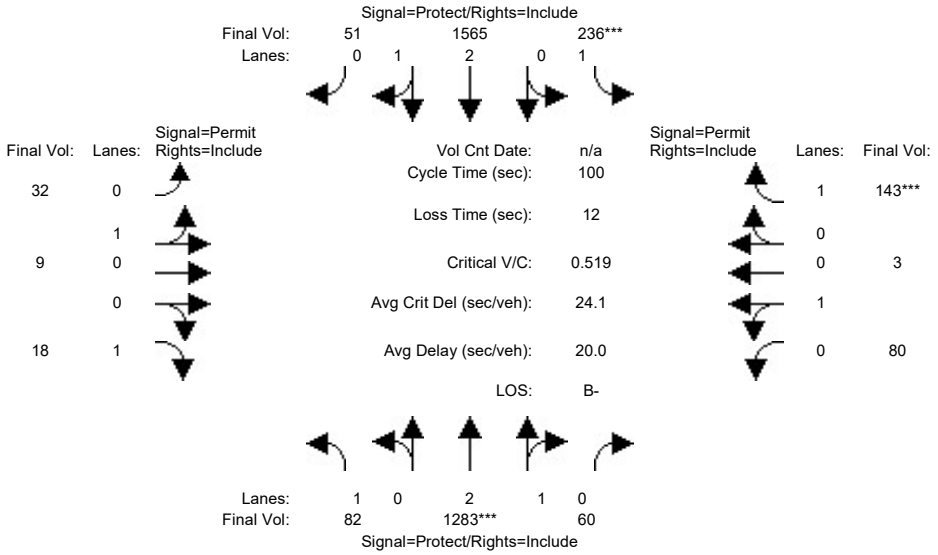
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	82	1283	60	236	1565	51	32	9	18	80	3	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	82	1283	60	236	1565	51	32	9	18	80	3	143
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	1283	60	236	1565	51	32	9	18	80	3	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	82	1283	60	236	1565	51	32	9	18	80	3	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	1283	60	236	1565	51	32	9	18	80	3	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	82	1283	60	236	1565	51	32	9	18	80	3	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.86	0.14	1.00	2.90	0.10	0.78	0.22	1.00	0.96	0.04	1.00
Final Sat.:	1750	5349	250	1750	5423	177	1405	395	1750	1735	65	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.24	0.24	0.13	0.29	0.29	0.02	0.02	0.01	0.05	0.05	0.08
Crit Moves:		****		****								****
Green Time:	14.1	46.2	46.2	26.0	58.1	58.1	15.8	15.8	15.8	15.8	15.8	15.8
Volume/Cap:	0.33	0.52	0.52	0.52	0.50	0.50	0.14	0.14	0.07	0.29	0.29	0.52
Delay/Veh:	42.3	19.8	19.8	35.8	12.9	12.9	37.4	37.4	36.3	39.8	39.8	45.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.3	19.8	19.8	35.8	12.9	12.9	37.4	37.4	36.3	39.8	39.8	45.5
LOS by Move:	D	B-	B-	D+	B	B	D+	D+	D+	D	D	D
HCM2kAvgQ:	2	10	10	7	10	10	1	1	1	3	3	5

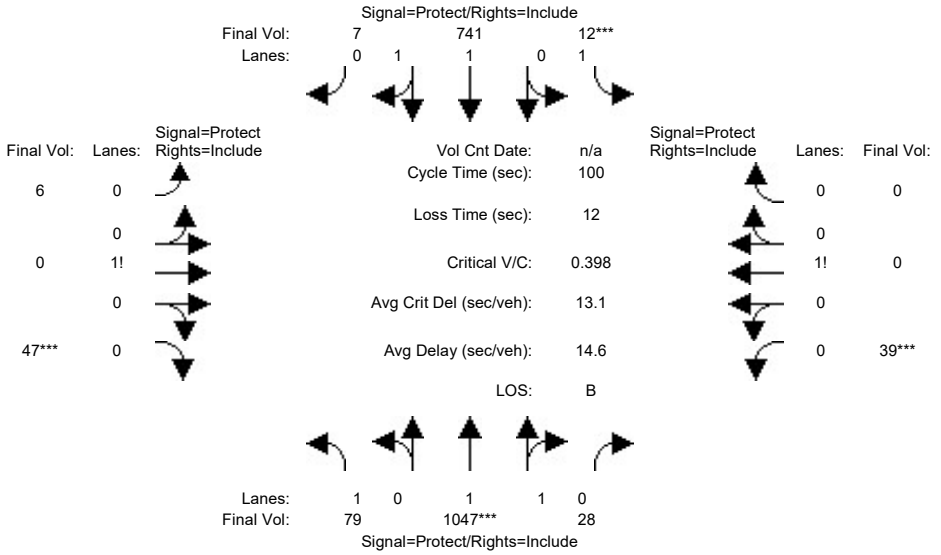
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - AM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	1047	28	12	741	7	6	0	47	39	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	1047	28	12	741	7	6	0	47	39	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	1047	28	12	741	7	6	0	47	39	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	79	1047	28	12	741	7	6	0	47	39	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.95	0.05	1.00	1.98	0.02	0.11	0.00	0.89	1.00	0.00	0.00
Final Sat.:	1750	3604	96	1750	3665	35	198	0	1552	1750	0	0
Capacity Analysis Module:												
Vol/Sat:	0.05	0.29	0.29	0.01	0.20	0.20	0.03	0.00	0.03	0.02	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	18.3	64.0	64.0	7.0	52.7	52.7	17.0	0.0	10.0	7.0	0.0	0.0
Volume/Cap:	0.25	0.45	0.45	0.10	0.38	0.38	0.18	0.00	0.30	0.32	0.00	0.00
Delay/Veh:	36.8	9.8	9.8	45.1	14.6	14.6	36.8	0.0	46.2	50.9	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.8	9.8	9.8	45.1	14.6	14.6	36.8	0.0	46.2	50.9	0.0	0.0
LOS by Move:	D+	A	A	D	B	B	D+	A	D	D	A	A
HCM2kAvgQ:	2	9	9	0	7	7	2	0	2	2	0	0

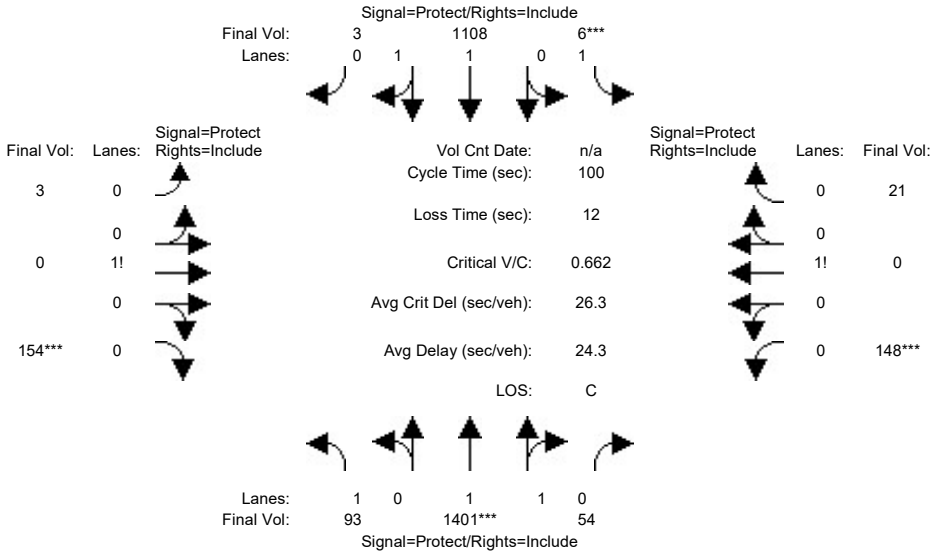
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background Conditions - PM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	93	1401	54	6	1108	3	3	0	154	148	0	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	93	1401	54	6	1108	3	3	0	154	148	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	93	1401	54	6	1108	3	3	0	154	148	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	93	1401	54	6	1108	3	3	0	154	148	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.92	0.08	1.00	1.99	0.01	0.02	0.00	0.98	0.88	0.00	0.12
Final Sat.:	1750	3563	137	1750	3690	10	33	0	1717	1533	0	217
Capacity Analysis Module:												
Vol/Sat:	0.05	0.39	0.39	0.00	0.30	0.30	0.09	0.00	0.09	0.10	0.00	0.10
Crit Moves:		****		****					****	****		
Green Time:	11.7	55.0	55.0	7.0	50.2	50.2	12.5	0.0	12.5	13.5	0.0	13.5
Volume/Cap:	0.45	0.72	0.72	0.05	0.60	0.60	0.72	0.00	0.72	0.72	0.00	0.72
Delay/Veh:	48.2	18.9	18.9	44.1	19.1	19.1	60.1	0.0	60.1	58.3	0.0	58.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	48.2	18.9	18.9	44.1	19.1	19.1	60.1	0.0	60.1	58.3	0.0	58.3
LOS by Move:	D	B-	B-	D	B-	B-	E	A	E	E+	A	E+
HCM2kAvgQ:	3	18	18	0	12	12	7	0	7	7	0	7

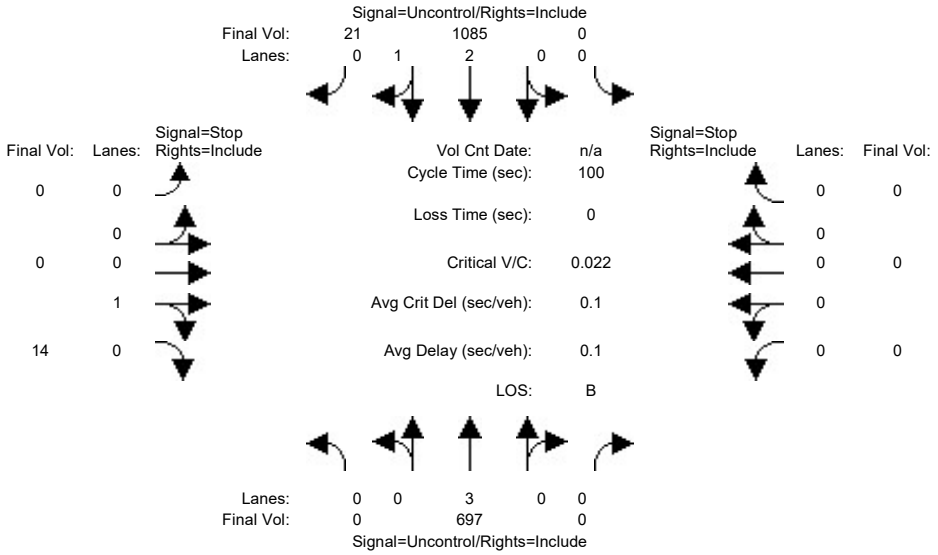
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - AM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Volume Module:												
Base Vol:	0	697	0	0	1085	21	0	0	14	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	697	0	0	1085	21	0	0	14	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	697	0	0	1085	21	0	0	14	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	697	0	0	1085	21	0	0	14	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	697	0	0	1085	21	0	0	14	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	372	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	631	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	631	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.02	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.8	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.8			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 3	0	0	0 0 2	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 697		0	0 1085		21	0	0	14	0	0	0
ApproachDel:	xxxxxx			xxxxxx			10.8			xxxxxx		

Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1817]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #25 BASCOM/EAST-MOZART

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 3	0	0	0 0 2	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 697		0	0 1085		21	0	0	14	0	0	0

Major Street Volume: 1803
Minor Approach Volume: 14
Minor Approach Volume Threshold: 82 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

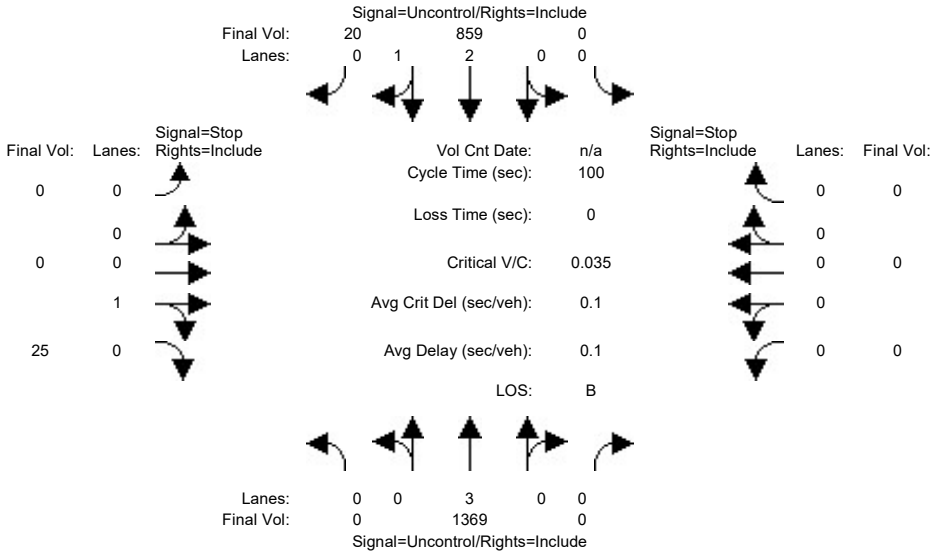
The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - PM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	1369	0	0	859	20	0	0	25	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1369	0	0	859	20	0	0	25	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1369	0	0	859	20	0	0	25	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1369	0	0	859	20	0	0	25	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	1369	0	0	859	20	0	0	25	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	296	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	706	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	706	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.04	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.3	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.3			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1369     0     0  859    20     0    0    25     0    0     0
ApproachDel:    xxxxxx           xxxxxx            10.3           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=25]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2273]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1369     0     0  859    20     0    0    25     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2248
Minor Approach Volume:           25
Minor Approach Volume Threshold: 6 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

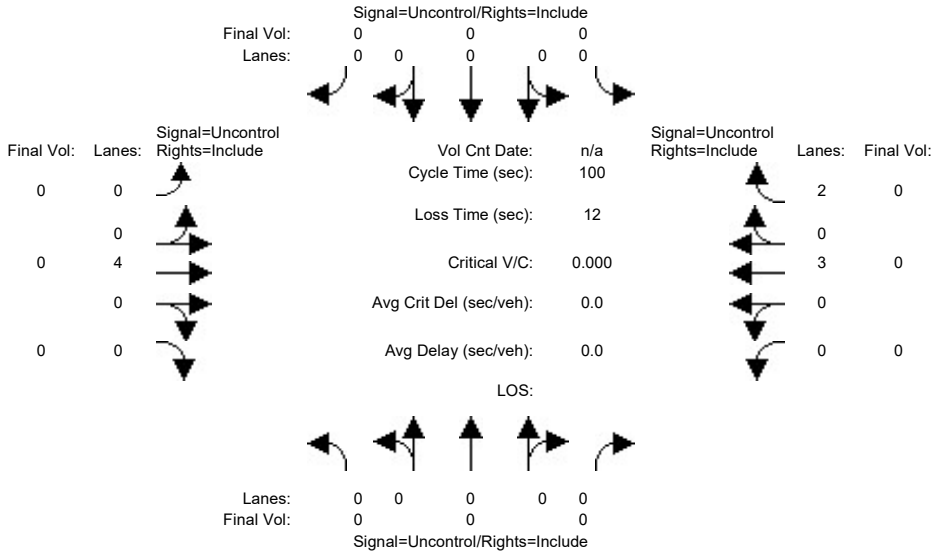
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - AM

Intersection #2500: 17/CAMDEN(N)



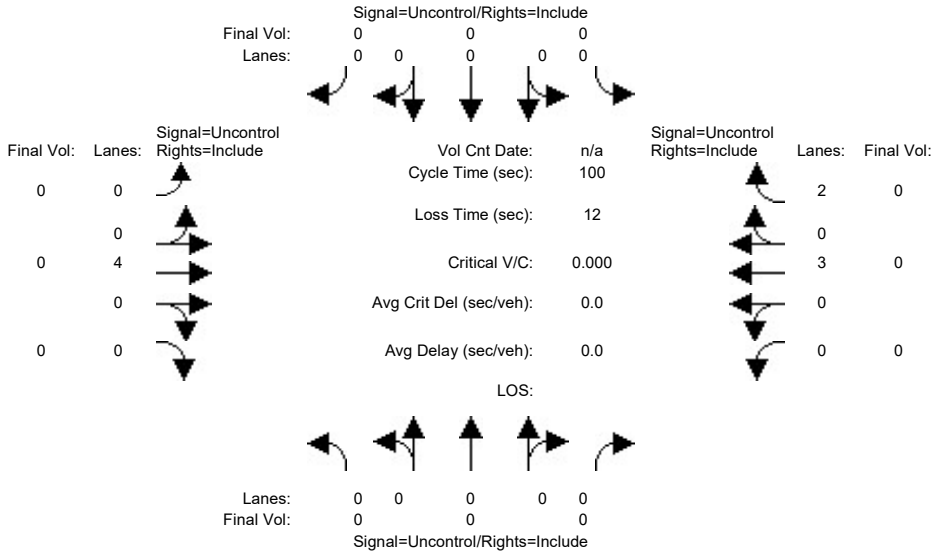
Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	2256	0	0	3667	646
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	2256	0	0	3667	646
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FinalVolume:	0	0	0	0	0	0	0	0	0	0	0	0
Critical Gap Module: >> Population:0 << >> Run Speed(N/S): 30 MPH <<												
Critical Gp:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Module:												
Cnflict Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Potent Cap.:	0	0	0	0	0	0	0	0	0	0	0	0
Level Of Service Module:												
LOS by Move:												
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	0	0	0	0	0	0	0	0	0	0	0	0

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GOOD SAMARITAN HOSPITAL
Background Conditions - PM Peak Hour

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background Conditions - PM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	3666	0	0	1828	348
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	3666	0	0	1828	348
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FinalVolume:	0	0	0	0	0	0	0	0	0	0	0	0
Critical Gap Module: >> Population:0 << >> Run Speed(N/S): 30 MPH <<												
Critical Gp:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Module:												
Cnflict Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Potent Cap.:	0	0	0	0	0	0	0	0	0	0	0	0
Level Of Service Module:												
LOS by Move:												
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	0	0	0	0	0	0	0	0	0	0	0	0

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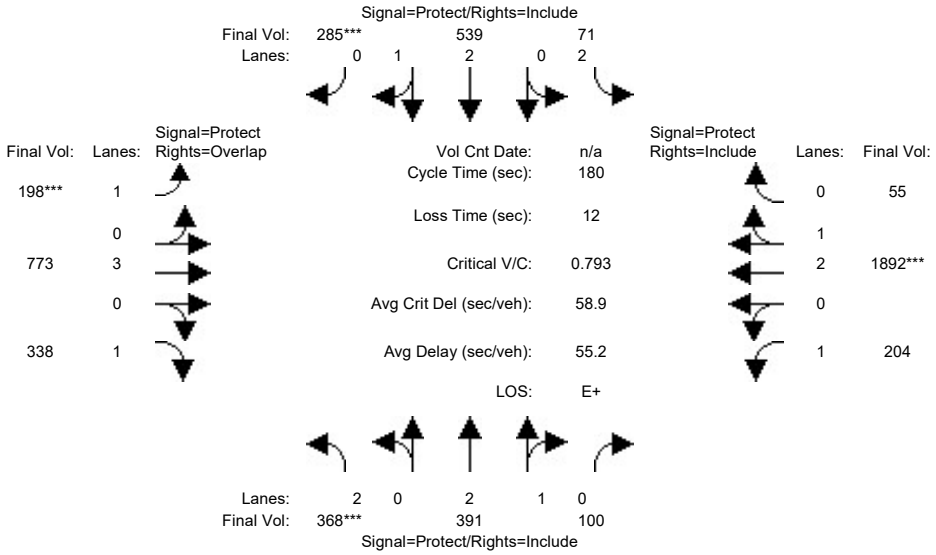
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Appendix F – Traffix Intersection Operations Analysis – Background Plus Project (Phase 1) Conditions

GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: 07:45 AM - 08:45 AM												
Base Vol:	365	389	100	71	529	285	198	773	322	204	1892	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	389	100	71	529	285	198	773	322	204	1892	55
Added Vol:	3	2	0	0	10	0	0	0	16	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	368	391	100	71	539	285	198	773	338	204	1892	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	368	391	100	71	539	285	198	773	338	204	1892	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	368	391	100	71	539	285	198	773	338	204	1892	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	368	391	100	71	539	285	198	773	338	204	1892	55
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	2.00	2.37	0.63	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.91	0.09
Final Sat.:	3150	4458	1140	3150	3800	1750	1750	5700	1750	1750	5442	158
Capacity Analysis Module:												
Vol/Sat:	0.12	0.09	0.09	0.02	0.14	0.16	0.11	0.14	0.19	0.12	0.35	0.35
Crit Moves:	****					****	****				****	
Green Time:	26.5	44.0	44.0	19.5	36.9	36.9	25.7	56.2	82.7	48.3	78.9	78.9
Volume/Cap:	0.79	0.36	0.36	0.21	0.69	0.79	0.79	0.43	0.42	0.43	0.79	0.79
Delay/Veh:	83.2	56.5	56.5	73.5	68.0	72.2	90.5	49.4	32.9	55.2	45.4	45.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.2	56.5	56.5	73.5	68.0	72.2	90.5	49.4	32.9	55.2	45.4	45.4
LOS by Move:	F	E+	E+	E	E	E	F	D	C-	E+	D	D
HCM2kAvgQ:	12	7	7	2	14	18	12	11	13	10	32	32

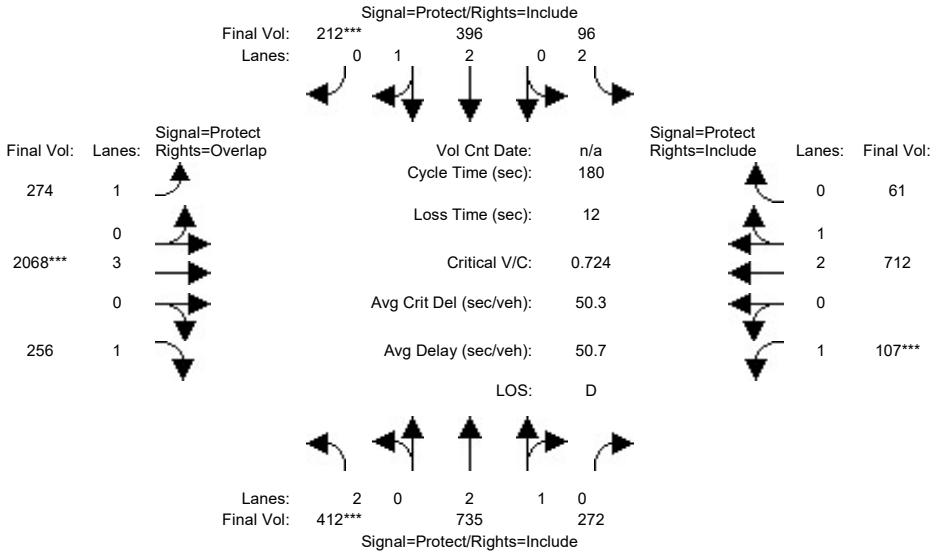
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:45-5:45												
Base Vol:	393	720	272	96	394	212	274	2068	253	107	712	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	393	720	272	96	394	212	274	2068	253	107	712	61
Added Vol:	19	15	0	0	2	0	0	0	3	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	412	735	272	96	396	212	274	2068	256	107	712	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	412	735	272	96	396	212	274	2068	256	107	712	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	412	735	272	96	396	212	274	2068	256	107	712	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	412	735	272	96	396	212	274	2068	256	107	712	61
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.16	0.84	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.75	0.25
Final Sat.:	3150	4085	1512	3150	3800	1750	1750	5700	1750	1750	5158	442
Capacity Analysis Module:												
Vol/Sat:	0.13	0.18	0.18	0.03	0.10	0.12	0.16	0.36	0.15	0.06	0.14	0.14
Crit Moves:	****					****		****		****		
Green Time:	32.5	51.5	51.5	11.1	30.1	30.1	56.0	90.2	122.7	15.2	49.4	49.4
Volume/Cap:	0.72	0.63	0.63	0.49	0.62	0.72	0.50	0.72	0.21	0.72	0.50	0.50
Delay/Veh:	74.1	56.7	56.7	83.7	70.9	74.2	51.4	36.1	10.8	96.6	55.3	55.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	74.1	56.7	56.7	83.7	70.9	74.2	51.4	36.1	10.8	96.6	55.3	55.3
LOS by Move:	E	E+	E+	F	E	E	D-	D+	B+	F	E+	E+
HCM2kAvgQ:	13	16	16	4	11	13	12	28	5	8	12	12

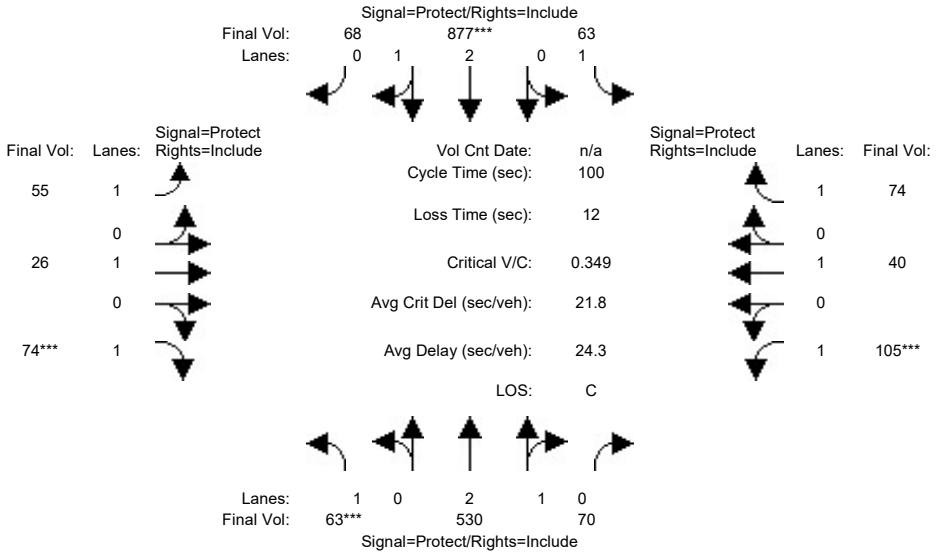
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	63	525	70	63	851	68	55	26	74	103	40	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	525	70	63	851	68	55	26	74	103	40	74
Added Vol:	0	5	0	0	26	0	0	0	0	2	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	530	70	63	877	68	55	26	74	105	40	74
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	530	70	63	877	68	55	26	74	105	40	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	530	70	63	877	68	55	26	74	105	40	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	530	70	63	877	68	55	26	74	105	40	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.64	0.36	1.00	2.78	0.22	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	4946	653	1750	5197	403	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.11	0.11	0.04	0.17	0.17	0.03	0.01	0.04	0.06	0.02	0.04
Crit Moves:	****				****				****	****		
Green Time:	10.3	35.5	35.5	23.2	48.4	48.4	12.1	12.1	12.1	17.2	17.2	17.2
Volume/Cap:	0.35	0.30	0.30	0.16	0.35	0.35	0.26	0.11	0.35	0.35	0.12	0.25
Delay/Veh:	47.0	23.7	23.7	31.4	16.4	16.4	42.9	40.1	44.8	39.6	35.7	37.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.0	23.7	23.7	31.4	16.4	16.4	42.9	40.1	44.8	39.6	35.7	37.7
LOS by Move:	D	C	C	C	B	B	D	D	D	D	D+	D+
HCM2kAvgQ:	2	4	4	2	6	6	2	1	3	3	1	2

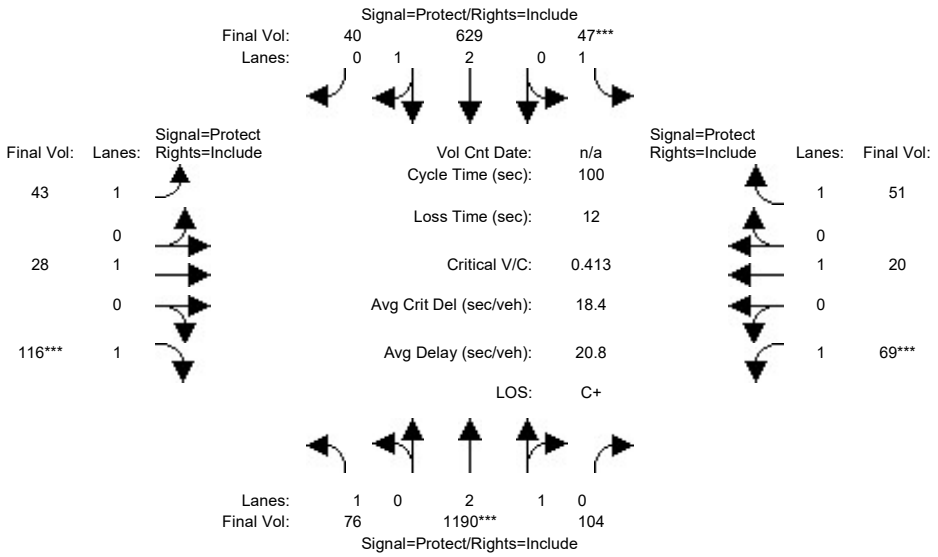
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	76	1156	102	47	624	40	43	28	116	69	20	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	1156	102	47	624	40	43	28	116	69	20	51
Added Vol:	0	34	2	0	5	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	1190	104	47	629	40	43	28	116	69	20	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	1190	104	47	629	40	43	28	116	69	20	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	1190	104	47	629	40	43	28	116	69	20	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	1190	104	47	629	40	43	28	116	69	20	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.75	0.25	1.00	2.81	0.19	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5149	450	1750	5265	335	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.23	0.23	0.03	0.12	0.12	0.02	0.01	0.07	0.04	0.01	0.03
Crit Moves:		****		****					****	****		
Green Time:	23.1	55.6	55.6	7.0	39.5	39.5	10.5	15.9	15.9	9.5	15.0	15.0
Volume/Cap:	0.19	0.42	0.42	0.38	0.30	0.30	0.23	0.09	0.42	0.42	0.07	0.19
Delay/Veh:	31.9	13.2	13.2	53.3	21.2	21.2	44.1	36.5	42.4	50.2	37.0	38.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.9	13.2	13.2	53.3	21.2	21.2	44.1	36.5	42.4	50.2	37.0	38.9
LOS by Move:	C	B	B	D-	C+	C+	D	D+	D	D	D+	D+
HCM2kAvgQ:	2	8	8	1	5	5	1	1	4	3	1	2

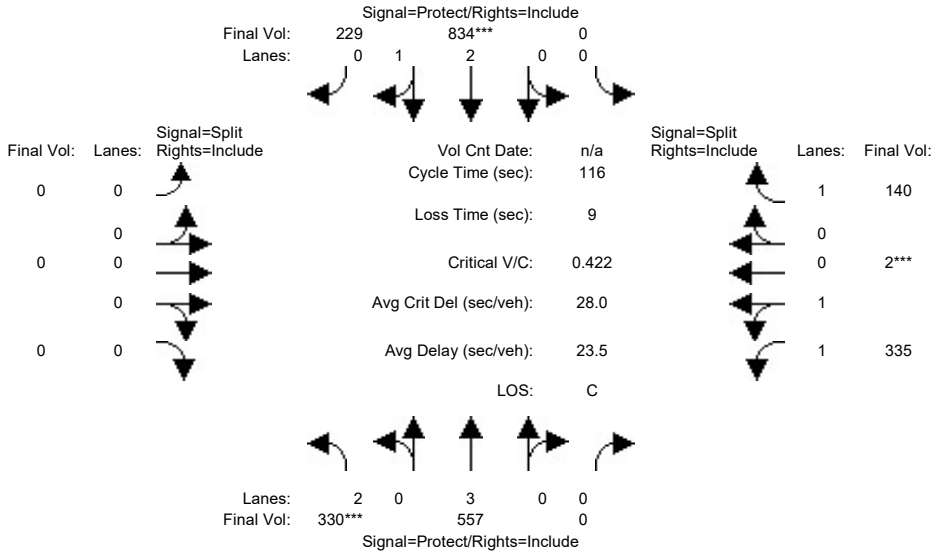
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: 07:55 AM - 08:55 AM												
Base Vol:	324	552	0	0	806	229	0	0	0	330	2	140
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	324	552	0	0	806	229	0	0	0	330	2	140
Added Vol:	6	5	0	0	28	0	0	0	0	5	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	330	557	0	0	834	229	0	0	0	335	2	140
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	330	557	0	0	834	229	0	0	0	335	2	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	330	557	0	0	834	229	0	0	0	335	2	140
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	330	557	0	0	834	229	0	0	0	335	2	140
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.33	0.67	0.00	0.00	0.00	1.99	0.01	1.00
Final Sat.:	3150	5700	0	0	4392	1206	0	0	0	3529	21	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.10	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.09	0.09	0.08
Crit Moves:	****				****						****	
Green Time:	28.8	80.9	0.0	0.0	52.2	52.2	0.0	0.0	0.0	26.1	26.1	26.1
Volume/Cap:	0.42	0.14	0.00	0.00	0.42	0.42	0.00	0.00	0.00	0.42	0.42	0.36
Delay/Veh:	37.0	5.9	0.0	0.0	21.8	21.8	0.0	0.0	0.0	38.9	38.9	38.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.0	5.9	0.0	0.0	21.8	21.8	0.0	0.0	0.0	38.9	38.9	38.4
LOS by Move:	D+	A	A	A	C+	C+	A	A	A	D+	D+	D+
HCM2kAvgQ:	6	2	0	0	8	8	0	0	0	6	6	5

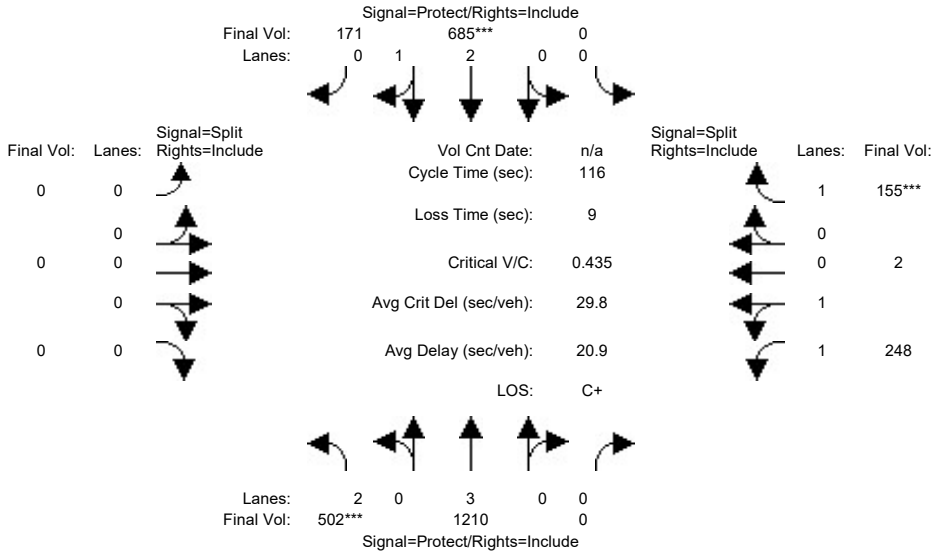
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:00-5:00												
Base Vol:	476	1174	0	0	680	171	0	0	0	247	2	155
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	476	1174	0	0	680	171	0	0	0	247	2	155
Added Vol:	26	36	0	0	5	0	0	0	0	1	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	502	1210	0	0	685	171	0	0	0	248	2	155
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	502	1210	0	0	685	171	0	0	0	248	2	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	502	1210	0	0	685	171	0	0	0	248	2	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	502	1210	0	0	685	171	0	0	0	248	2	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.38	0.62	0.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	3150	5700	0	0	4480	1118	0	0	0	3522	28	1750
Capacity Analysis Module:												
Vol/Sat:	0.16	0.21	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.07	0.07	0.09
Crit Moves:	****				****							****
Green Time:	42.5	83.4	0.0	0.0	40.8	40.8	0.0	0.0	0.0	23.6	23.6	23.6
Volume/Cap:	0.43	0.30	0.00	0.00	0.43	0.43	0.00	0.00	0.00	0.35	0.35	0.43
Delay/Veh:	27.9	5.9	0.0	0.0	28.9	28.9	0.0	0.0	0.0	39.8	39.8	41.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.9	5.9	0.0	0.0	28.9	28.9	0.0	0.0	0.0	39.8	39.8	41.2
LOS by Move:	C	A	A	A	C	C	A	A	A	D	D	D
HCM2kAvgQ:	8	5	0	0	8	8	0	0	0	4	4	5

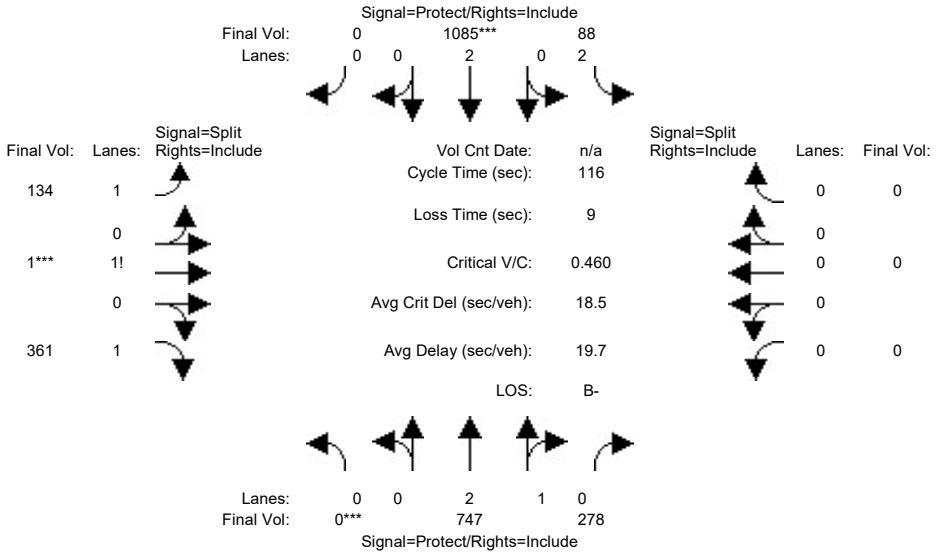
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:07:55 AM - 08:55 AM												
Base Vol:	0	736	277	88	1052	0	134	1	330	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	736	277	88	1052	0	134	1	330	0	0	0
Added Vol:	0	11	1	0	33	0	0	0	31	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	747	278	88	1085	0	134	1	361	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	747	278	88	1085	0	134	1	361	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	747	278	88	1085	0	134	1	361	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	747	278	88	1085	0	134	1	361	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.16	0.84	2.00	2.00	0.00	1.27	0.01	1.72	0.00	0.00	0.00
Final Sat.:	0	4079	1518	3150	3800	0	2232	7	3097	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.18	0.18	0.03	0.29	0.00	0.06	0.14	0.12	0.00	0.00	0.00
Crit Moves:	****				****			****				
Green Time:	0.0	54.1	54.1	17.8	71.9	0.0	35.1	35.1	35.1	0.0	0.0	0.0
Volume/Cap:	0.00	0.39	0.39	0.18	0.46	0.00	0.20	0.46	0.39	0.00	0.00	0.00
Delay/Veh:	0.0	20.3	20.3	42.9	11.9	0.0	30.1	33.1	32.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.3	20.3	42.9	11.9	0.0	30.1	33.1	32.2	0.0	0.0	0.0
LOS by Move:	A	C+	C+	D	B+	A	C	C-	C-	A	A	A
HCM2kAvgQ:	0	8	8	2	10	0	3	8	6	0	0	0

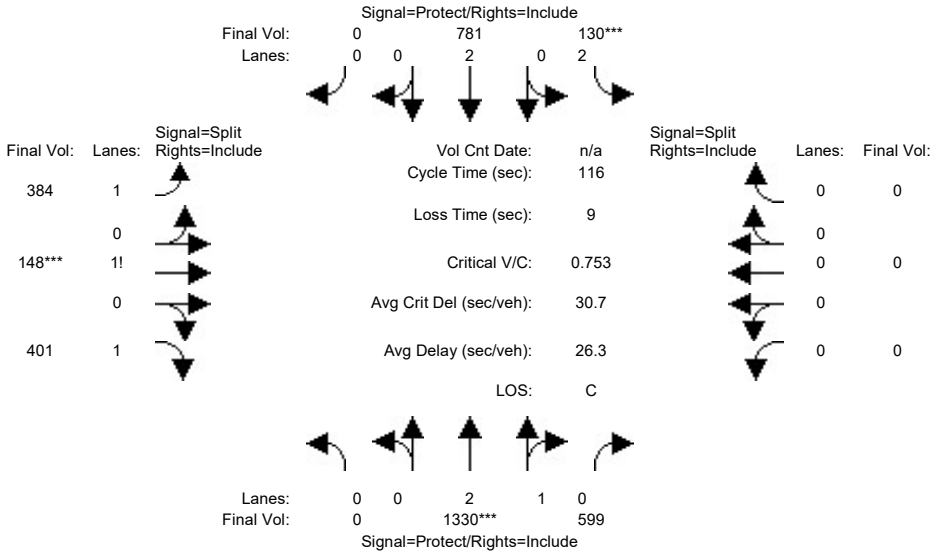
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:30-5:35												
Base Vol:	0	1268	593	130	775	0	384	148	397	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1268	593	130	775	0	384	148	397	0	0	0
Added Vol:	0	62	6	0	6	0	0	0	4	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1330	599	130	781	0	384	148	401	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1330	599	130	781	0	384	148	401	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1330	599	130	781	0	384	148	401	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1330	599	130	781	0	384	148	401	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	0.00	2.03	0.97	2.00	2.00	0.00	1.36	0.27	1.37	0.00	0.00	0.00
Final Sat.:	0	3859	1738	3150	3800	0	2372	479	2399	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.34	0.34	0.04	0.21	0.00	0.16	0.31	0.17	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	52.7	52.7	7.0	59.7	0.0	47.3	47.3	47.3	0.0	0.0	0.0
Volume/Cap:	0.00	0.76	0.76	0.68	0.40	0.00	0.40	0.76	0.41	0.00	0.00	0.00
Delay/Veh:	0.0	27.7	27.7	63.3	17.3	0.0	24.4	32.2	24.6	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.7	27.7	63.3	17.3	0.0	24.4	32.2	24.6	0.0	0.0	0.0
LOS by Move:	A	C	C	E	B	A	C	C-	C	A	A	A
HCM2kAvgQ:	0	18	18	3	8	0	8	19	8	0	0	0

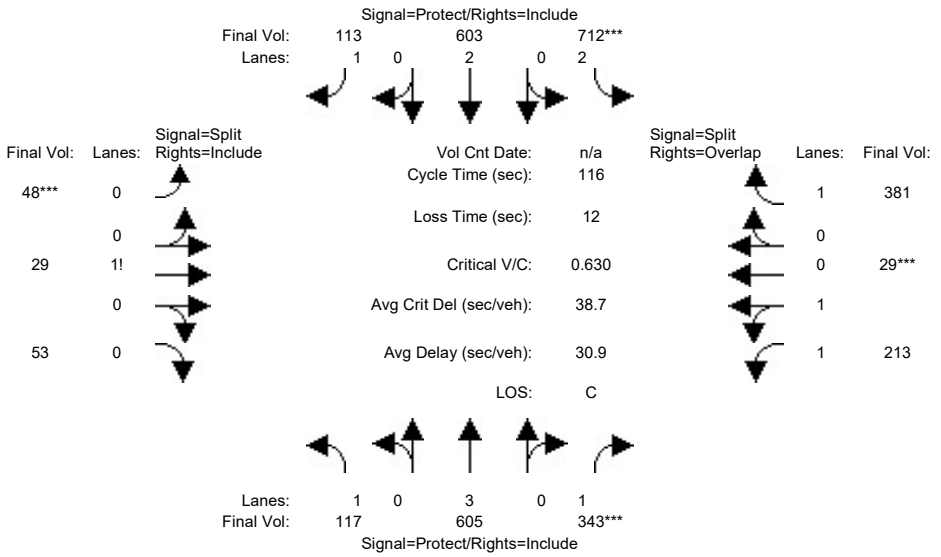
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:55-8:55												
Base Vol:	117	605	309	647	603	113	48	29	53	207	29	369
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	605	309	647	603	113	48	29	53	207	29	369
Added Vol:	0	0	34	65	0	0	0	0	0	6	0	12
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	605	343	712	603	113	48	29	53	213	29	381
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	605	343	712	603	113	48	29	53	213	29	381
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	605	343	712	603	113	48	29	53	213	29	381
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	605	343	712	603	113	48	29	53	213	29	381
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.37	0.22	0.41	1.76	0.24	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	646	390	713	3125	425	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.20	0.23	0.16	0.06	0.07	0.07	0.07	0.07	0.07	0.22
Crit Moves:			****	****			****				****	
Green Time:	23.0	36.1	36.1	41.6	54.7	54.7	13.7	13.7	13.7	12.6	12.6	54.2
Volume/Cap:	0.34	0.34	0.63	0.63	0.34	0.14	0.63	0.63	0.63	0.63	0.63	0.47
Delay/Veh:	40.5	30.9	36.6	31.9	19.4	17.4	54.9	54.9	54.9	52.8	52.8	21.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.5	30.9	36.6	31.9	19.4	17.4	54.9	54.9	54.9	52.8	52.8	21.5
LOS by Move:	D	C	D+	C	B-	B	D-	D-	D-	D-	D-	C+
HCM2kAvgQ:	4	5	11	12	6	2	6	6	6	4	4	10

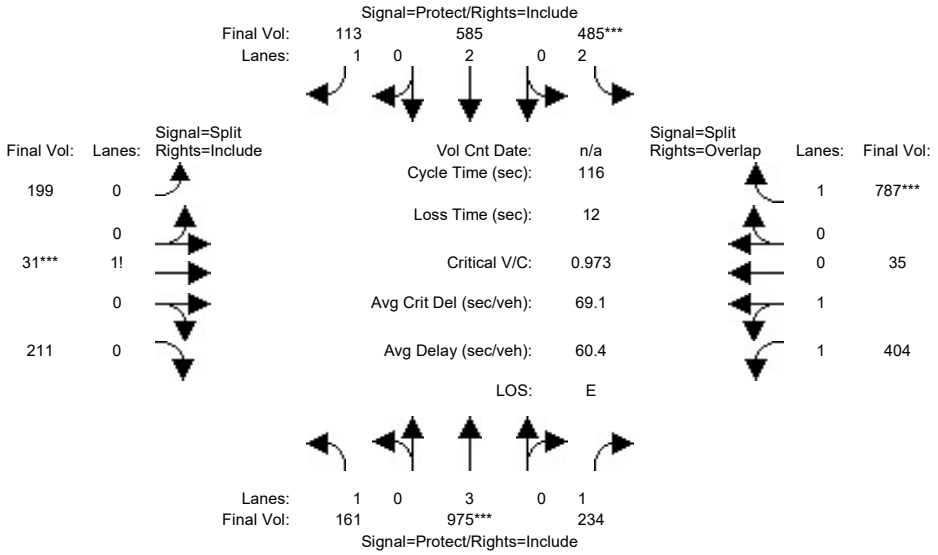
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:30-5:30												
Base Vol:	161	975	229	475	585	113	199	31	211	370	35	719
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	161	975	229	475	585	113	199	31	211	370	35	719
Added Vol:	0	0	5	10	0	0	0	0	0	34	0	68
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	161	975	234	485	585	113	199	31	211	404	35	787
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	161	975	234	485	585	113	199	31	211	404	35	787
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	975	234	485	585	113	199	31	211	404	35	787
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	161	975	234	485	585	113	199	31	211	404	35	787
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.45	0.07	0.48	1.84	0.16	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	790	123	837	3267	283	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.17	0.13	0.15	0.15	0.06	0.25	0.25	0.25	0.12	0.12	0.45
Crit Moves:		****		****				****				****
Green Time:	14.5	20.4	20.4	18.3	24.2	24.2	30.0	30.0	30.0	35.2	35.2	53.6
Volume/Cap:	0.74	0.97	0.76	0.97	0.74	0.31	0.97	0.97	0.97	0.41	0.41	0.97
Delay/Veh:	61.3	69.7	56.1	82.0	46.5	39.3	77.9	77.9	77.9	32.3	32.3	55.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.3	69.7	56.1	82.0	46.5	39.3	77.9	77.9	77.9	32.3	32.3	55.7
LOS by Move:	E	E	E+	F	D	D	E-	E-	E-	C-	C-	E+
HCM2kAvgQ:	6	13	9	13	10	4	22	22	22	6	6	34

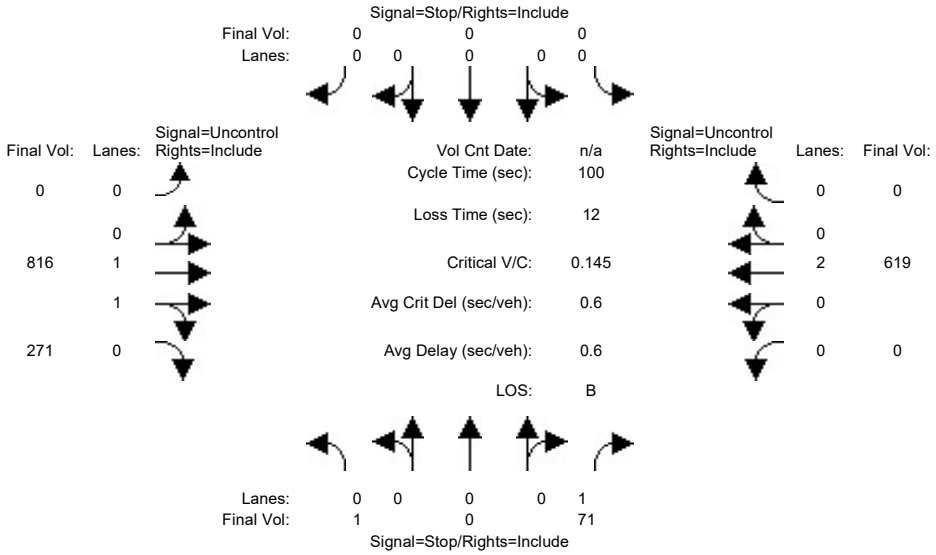
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	1	0	71	0	0	0	0	718	271	0	601	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	0	71	0	0	0	0	718	271	0	601	0
Added Vol:	0	0	0	0	0	0	0	98	0	0	18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	0	71	0	0	0	0	816	271	0	619	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1	0	71	0	0	0	0	816	271	0	619	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	1	0	71	0	0	0	0	816	271	0	619	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1261	1571	544	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	165	112	489	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	165	112	489	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.01	0.00	0.15	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	476	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	13.9	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	B	*	*	*	*	*	*	*	*	*	*
ApproachDel:		13.9		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		B		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	816	271	0	619	0
ApproachDel:	13.9			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.3]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=72]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1778]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	816	271	0	619	0

Major Street Volume: 1706
Minor Approach Volume: 72
Minor Approach Volume Threshold: 101

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

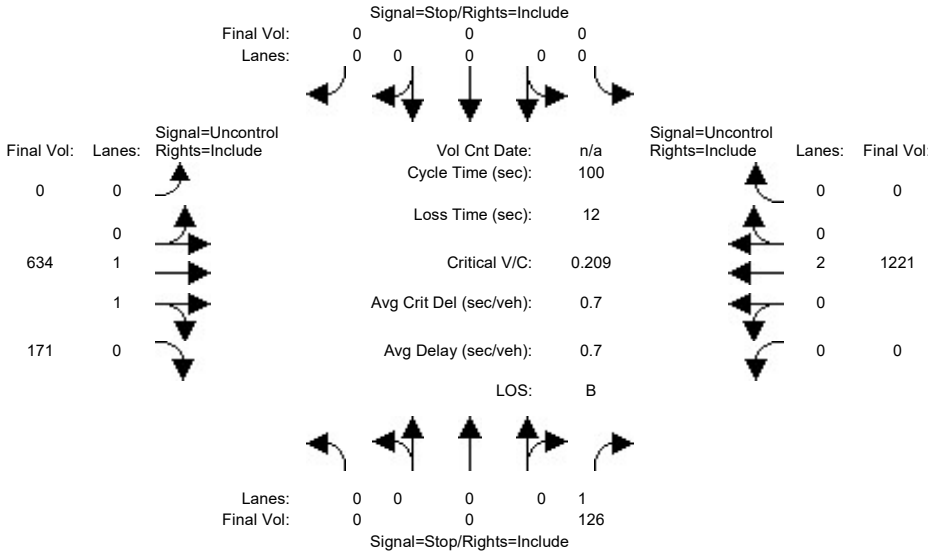
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	126	0	0	0	0	619	171	0	1119	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	126	0	0	0	0	619	171	0	1119	0
Added Vol:	0	0	0	0	0	0	0	15	0	0	102	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	126	0	0	0	0	634	171	0	1221	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	126	0	0	0	0	634	171	0	1221	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	126	0	0	0	0	634	171	0	1221	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	403	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	603	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	603	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.21	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	0.8	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	12.5	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	12.5			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 1			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	0	0	126	0	0	0	0	634	171	0	1221	0
ApproachDel:	12.5			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=126]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2152]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 1			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	0	0	126	0	0	0	0	634	171	0	1221	0

Major Street Volume: 2026
Minor Approach Volume: 126
Minor Approach Volume Threshold: 42 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

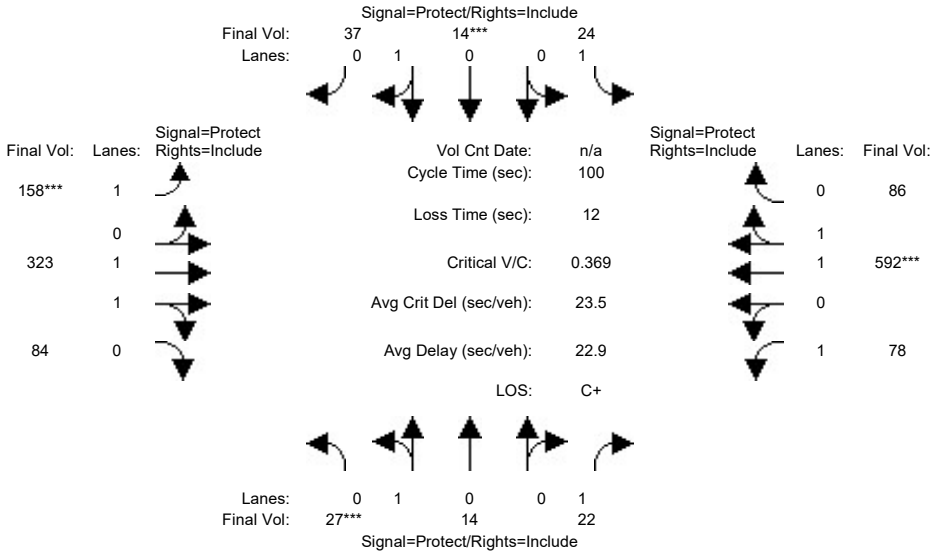
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	27	14	22	24	14	37	158	225	84	78	574	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	14	22	24	14	37	158	225	84	78	574	86
Added Vol:	0	0	0	0	0	0	0	98	0	0	18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	14	22	24	14	37	158	323	84	78	592	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	14	22	24	14	37	158	323	84	78	592	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	14	22	24	14	37	158	323	84	78	592	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	14	22	24	14	37	158	323	84	78	592	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.66	0.34	1.00	1.00	0.27	0.73	1.00	1.58	0.42	1.00	1.74	0.26
Final Sat.:	1185	615	1750	1750	494	1306	1750	2936	763	1750	3230	469
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.01	0.03	0.03	0.09	0.11	0.11	0.04	0.18	0.18
Crit Moves:	****				****		****				****	
Green Time:	7.0	10.0	10.0	7.0	10.0	10.0	23.4	43.4	43.4	27.6	47.6	47.6
Volume/Cap:	0.33	0.23	0.13	0.20	0.28	0.28	0.39	0.25	0.25	0.16	0.39	0.39
Delay/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	34.9	18.4	18.4	28.1	17.5	17.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	34.9	18.4	18.4	28.1	17.5	17.5
LOS by Move:	D	D	D	D	D	D	C-	B-	B-	C	B	B
HCM2kAvgQ:	2	1	1	1	2	2	4	4	4	2	7	7

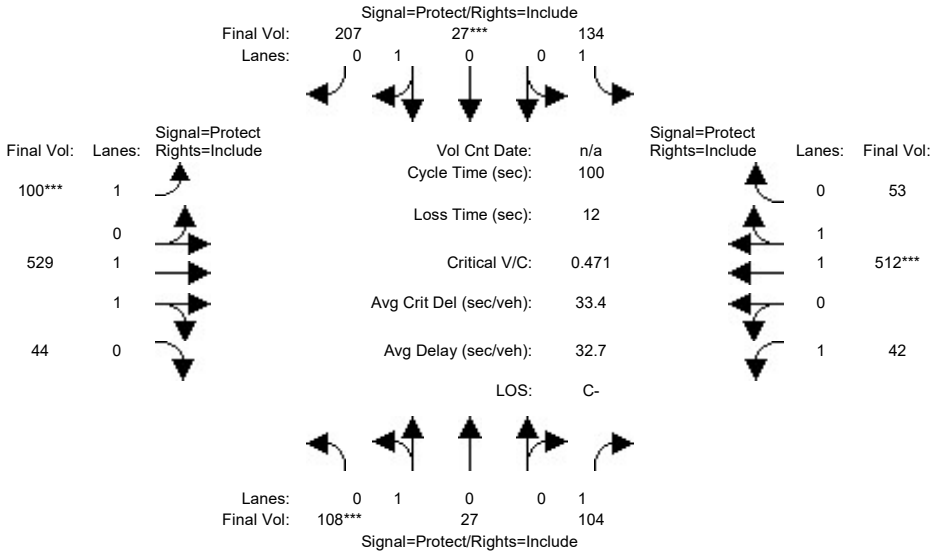
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	27	104	134	27	207	100	514	44	42	410	53
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	27	104	134	27	207	100	514	44	42	410	53
Added Vol:	0	0	0	0	0	0	0	15	0	0	102	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	27	104	134	27	207	100	529	44	42	512	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	27	104	134	27	207	100	529	44	42	512	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	27	104	134	27	207	100	529	44	42	512	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	27	104	134	27	207	100	529	44	42	512	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.80	0.20	1.00	1.00	0.12	0.88	1.00	1.84	0.16	1.00	1.81	0.19
Final Sat.:	1440	360	1750	1750	208	1592	1750	3416	284	1750	3353	347
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.06	0.08	0.13	0.13	0.06	0.15	0.15	0.02	0.15	0.15
Crit Moves:	****				****		****				****	
Green Time:	15.9	24.6	24.6	18.9	27.6	27.6	12.1	30.7	30.7	13.9	32.4	32.4
Volume/Cap:	0.47	0.30	0.24	0.41	0.47	0.47	0.47	0.51	0.51	0.17	0.47	0.47
Delay/Veh:	43.7	32.5	31.5	39.3	33.3	33.3	48.3	30.1	30.1	39.6	28.3	28.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.7	32.5	31.5	39.3	33.3	33.3	48.3	30.1	30.1	39.6	28.3	28.3
LOS by Move:	D	C-	C	D	C-	C-	D	C	C	D	C	C
HCM2kAvgQ:	4	4	3	4	7	7	3	7	7	1	7	7

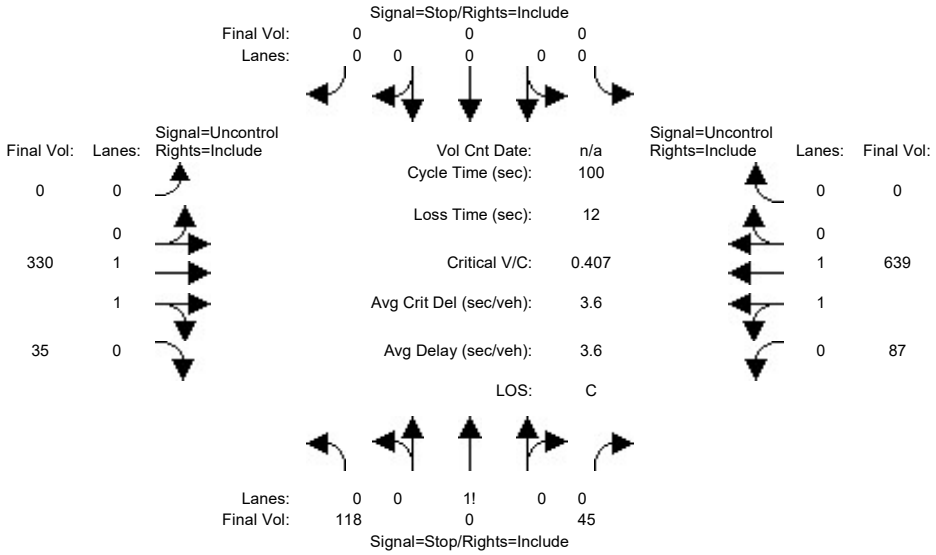
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	118	0	43	0	0	0	0	232	35	87	621	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	0	43	0	0	0	0	232	35	87	621	0
Added Vol:	0	0	2	0	0	0	0	98	0	0	18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	0	45	0	0	0	0	330	35	87	639	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	118	0	45	0	0	0	0	330	35	87	639	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	118	0	45	0	0	0	0	330	35	87	639	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	841	1161	183	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	365	xxxx	xxxxx
Potent Cap.:	308	197	835	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1205	xxxx	xxxxx
Move Cap.:	290	182	835	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1205	xxxx	xxxxx
Volume/Cap:	0.41	0.00	0.05	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.07	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.2	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	353	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	2.3	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Shrd ConDel:	xxxxx	23.6	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.2	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	A	*	*
ApproachDel:		23.6		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		C		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

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Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	45	0	0	0	0	330	35	87	639	0
ApproachDel:	23.6			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=1.1]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=163]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1254]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	45	0	0	0	0	330	35	87	639	0

Major Street Volume: 1091
Minor Approach Volume: 163
Minor Approach Volume Threshold: 255

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

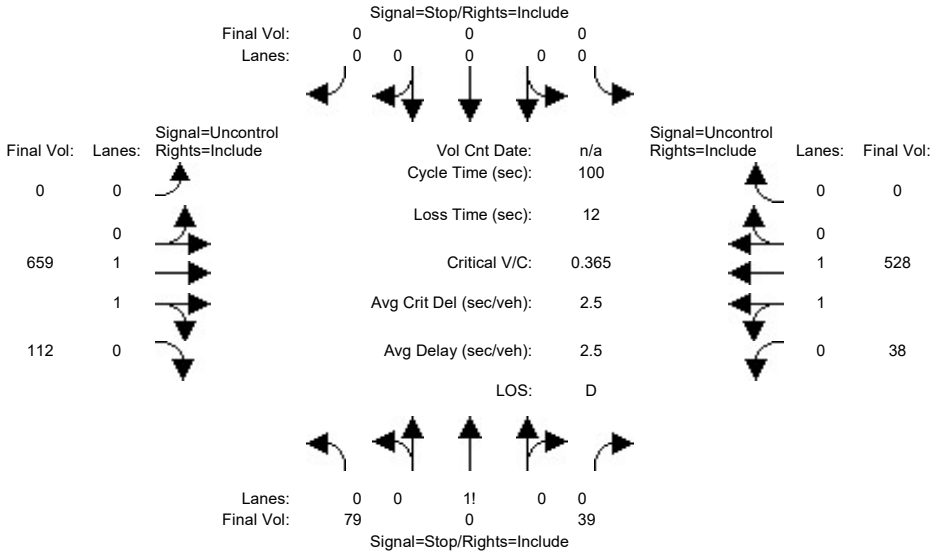
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	79	0	39	0	0	0	0	644	112	36	426	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	0	39	0	0	0	0	644	112	36	426	0
Added Vol:	0	0	0	0	0	0	0	15	0	2	102	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	0	39	0	0	0	0	659	112	38	528	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	0	39	0	0	0	0	659	112	38	528	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	79	0	39	0	0	0	0	659	112	38	528	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1055	1319	386	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	771	xxxx	xxxxx
Potent Cap.:	224	158	619	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	853	xxxx	xxxxx
Move Cap.:	216	151	619	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	853	xxxx	xxxxx
Volume/Cap:	0.37	0.00	0.06	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.04	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.4	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	276	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	2.0	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Shrd ConDel:	xxxxx	27.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.4	xxxx	xxxxx
Shared LOS:	*	D	*	*	*	*	*	*	*	A	*	*
ApproachDel:		27.5		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		D		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	39	0	0	0	0	659	112	38	528	0
ApproachDel:	27.5			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.9]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=118]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1455]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

Intersection #8 SAMARITAN/KINGHURST

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	39	0	0	0	0	659	112	38	528	0

Major Street Volume: 1337
Minor Approach Volume: 118
Minor Approach Volume Threshold: 185

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

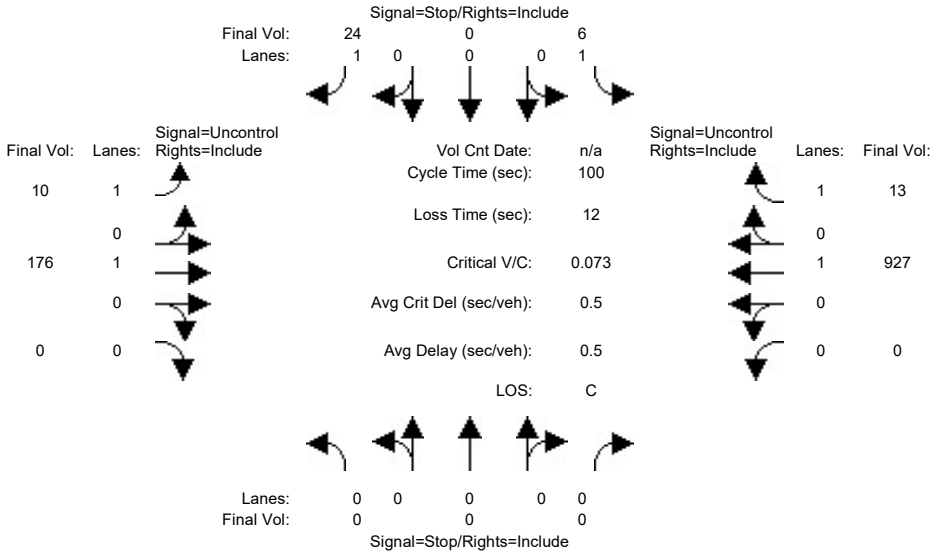
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	21	10	164	0	0	862	13
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	21	10	164	0	0	862	13
Added Vol:	0	0	0	0	0	3	0	12	0	0	65	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	24	10	176	0	0	927	13
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	24	10	176	0	0	927	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	24	10	176	0	0	927	13
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1123	xxxx	927	940	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	230	xxxx	328	737	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	227	xxxx	328	737	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.03	xxxx	0.07	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.2	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	21.3	xxxx	16.8	9.9	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	C	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			17.7			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	24	10	176	0	0	927	13
ApproachDel:	xxxxxx			17.7			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=30]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1156]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	24	10	176	0	0	927	13

Major Street Volume: 1126
Minor Approach Volume: 30
Minor Approach Volume Threshold: 323

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

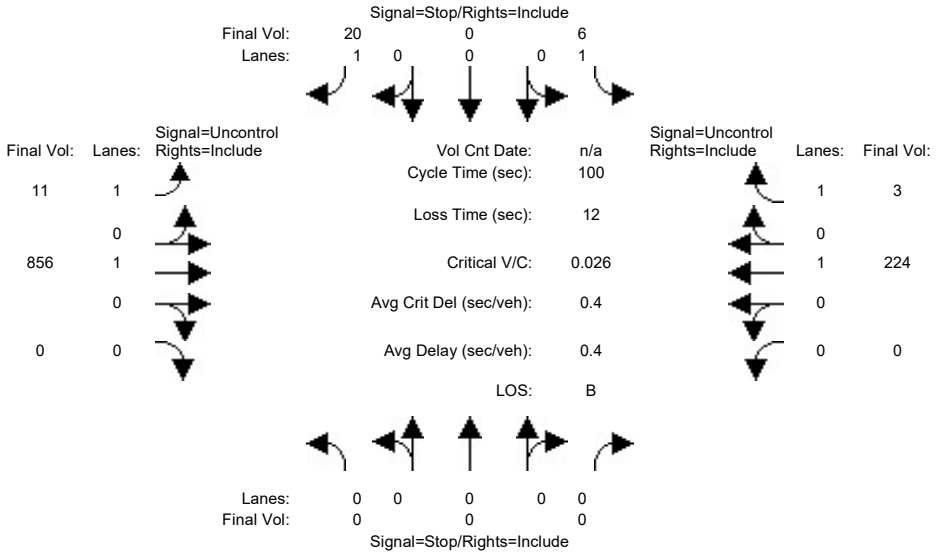
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	7	11	788	0	0	214	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	7	11	788	0	0	214	3
Added Vol:	0	0	0	0	0	13	0	68	0	0	10	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	20	11	856	0	0	224	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	20	11	856	0	0	224	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	20	11	856	0	0	224	3
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1102	xxxx	224	227	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	236	xxxx	820	1353	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	235	xxxx	820	1353	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.03	xxxx	0.02	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.1	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	20.7	xxxx	9.5	7.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	A	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			12.1			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	20	11	856	0	0	224	3
ApproachDel:	xxxxxx			12.1			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=26]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1120]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	20	11	856	0	0	224	3

Major Street Volume: 1094
Minor Approach Volume: 26
Minor Approach Volume Threshold: 335

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

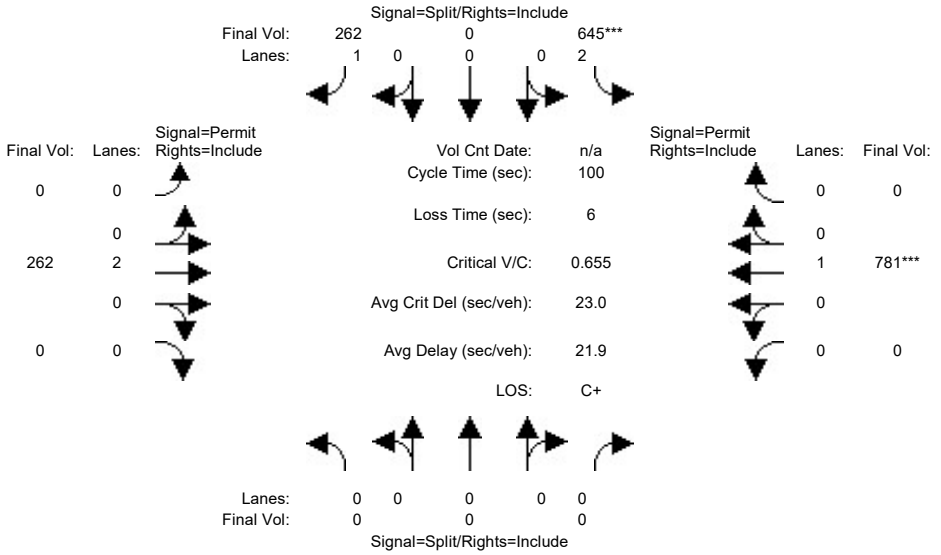
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	0	0	0	645	0	254	0	250	0	0	725	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	645	0	254	0	250	0	0	725	0
Added Vol:	0	0	0	0	0	8	0	12	0	0	56	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	645	0	262	0	262	0	0	781	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	645	0	262	0	262	0	0	781	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	645	0	262	0	262	0	0	781	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	645	0	262	0	262	0	0	781	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.20	0.00	0.15	0.00	0.07	0.00	0.00	0.41	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	31.3	0.0	31.3	0.0	62.7	0.0	0.0	62.7	0.0
Volume/Cap:	0.00	0.00	0.00	0.66	0.00	0.48	0.00	0.11	0.00	0.00	0.66	0.00
Delay/Veh:	0.0	0.0	0.0	33.1	0.0	30.8	0.0	7.5	0.0	0.0	14.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	33.1	0.0	30.8	0.0	7.5	0.0	0.0	14.6	0.0
LOS by Move:	A	A	A	C-	A	C	A	A	A	A	B	A
HCM2kAvgQ:	0	0	0	11	0	7	0	2	0	0	16	0

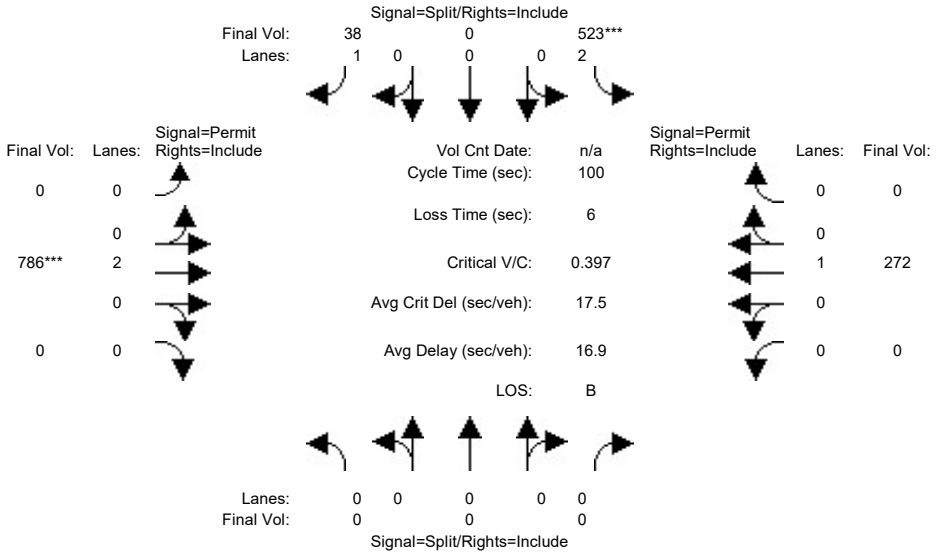
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:45-5:45												
Base Vol:	0	0	0	523	0	37	0	720	0	0	263	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	523	0	37	0	720	0	0	263	0
Added Vol:	0	0	0	0	0	1	0	66	0	0	9	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	523	0	38	0	786	0	0	272	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	523	0	38	0	786	0	0	272	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	523	0	38	0	786	0	0	272	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	523	0	38	0	786	0	0	272	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.00	0.02	0.00	0.21	0.00	0.00	0.14	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	41.9	0.0	41.9	0.0	52.1	0.0	0.0	52.1	0.0
Volume/Cap:	0.00	0.00	0.00	0.40	0.00	0.05	0.00	0.40	0.00	0.00	0.27	0.00
Delay/Veh:	0.0	0.0	0.0	21.2	0.0	17.4	0.0	15.0	0.0	0.0	14.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	21.2	0.0	17.4	0.0	15.0	0.0	0.0	14.1	0.0
LOS by Move:	A	A	A	C+	A	B	A	B	A	A	B	A
HCM2kAvgQ:	0	0	0	7	0	1	0	7	0	0	5	0

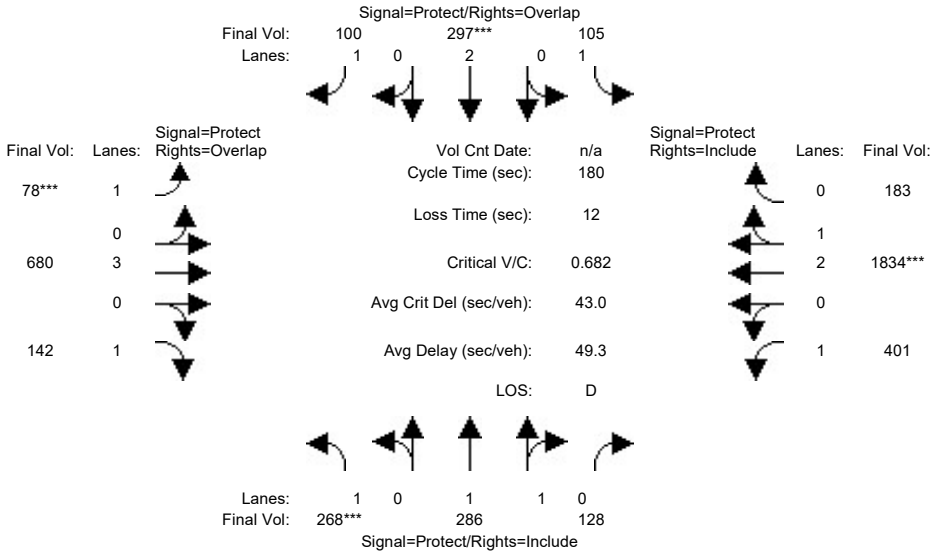
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:40-8:40												
Base Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	286	127	105	295	100	78	680	142	394	1834	183
Added Vol:	0	0	1	0	2	0	0	0	0	7	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	268	286	128	105	297	100	78	680	142	401	1834	183
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	286	128	105	297	100	78	680	142	401	1834	183
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	286	128	105	297	100	78	680	142	401	1834	183
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	268	286	128	105	297	100	78	680	142	401	1834	183
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.36	0.64	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	1750	2555	1144	1750	3800	1750	1750	5700	1750	1750	5091	508
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.06	0.08	0.06	0.04	0.12	0.08	0.23	0.36	0.36
Crit Moves:	****				****		****				****	
Green Time:	40.4	39.8	39.8	21.3	20.6	32.4	11.8	36.6	77.1	70.3	95.1	95.1
Volume/Cap:	0.68	0.51	0.51	0.51	0.68	0.32	0.68	0.59	0.19	0.59	0.68	0.68
Delay/Veh:	68.7	62.0	62.0	76.4	80.9	64.8	97.8	65.6	32.2	44.7	31.9	31.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.7	62.0	62.0	76.4	80.9	64.8	97.8	65.6	32.2	44.7	31.9	31.9
LOS by Move:	E	E	E	E-	F	E	F	E	C-	D	C	C
HCM2kAvgQ:	15	10	10	6	9	5	6	12	5	19	27	27

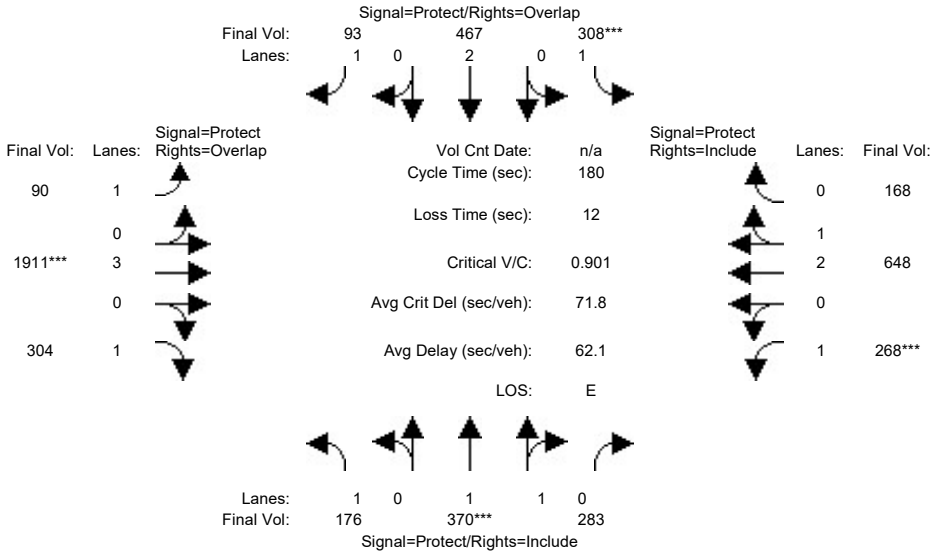
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:15-6:15												
Base Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	368	274	308	467	93	90	1911	304	267	648	168
Added Vol:	0	2	9	0	0	0	0	0	0	1	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	370	283	308	467	93	90	1911	304	268	648	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	370	283	308	467	93	90	1911	304	268	648	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	370	283	308	467	93	90	1911	304	268	648	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	370	283	308	467	93	90	1911	304	268	648	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.11	0.89	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.36	0.64
Final Sat.:	1750	2095	1603	1750	3800	1750	1750	5700	1750	1750	4446	1153
Capacity Analysis Module:												
Vol/Sat:	0.10	0.18	0.18	0.18	0.12	0.05	0.05	0.34	0.17	0.15	0.15	0.15
Crit Moves:		****		****				****		****		
Green Time:	31.7	35.3	35.3	35.2	38.7	64.2	25.4	67.0	98.7	30.6	72.1	72.1
Volume/Cap:	0.57	0.90	0.90	0.90	0.57	0.15	0.36	0.90	0.32	0.90	0.36	0.36
Delay/Veh:	70.5	85.0	85.0	96.3	64.2	39.5	70.9	59.1	22.4	101.6	37.9	37.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.5	85.0	85.0	96.3	64.2	39.5	70.9	59.1	22.4	101.6	37.9	37.9
LOS by Move:	E	F	F	F	E	D	E	E+	C+	F	D+	D+
HCM2kAvgQ:	10	21	21	21	12	4	5	36	9	19	10	10

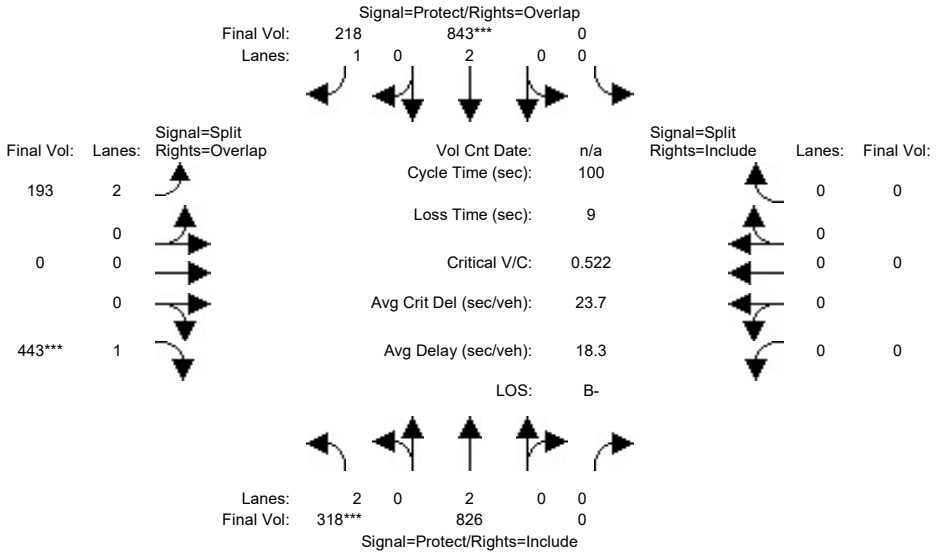
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	317	824	0	0	833	218	193	0	412	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	317	824	0	0	833	218	193	0	412	0	0	0
Added Vol:	1	2	0	0	10	0	0	0	31	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	318	826	0	0	843	218	193	0	443	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	318	826	0	0	843	218	193	0	443	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	318	826	0	0	843	218	193	0	443	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	318	826	0	0	843	218	193	0	443	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.22	0.00	0.00	0.22	0.12	0.06	0.00	0.25	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	19.3	61.8	0.0	0.0	42.5	71.7	29.2	0.0	48.5	0.0	0.0	0.0
Volume/Cap:	0.52	0.35	0.00	0.00	0.52	0.17	0.21	0.00	0.52	0.00	0.00	0.00
Delay/Veh:	37.0	9.4	0.0	0.0	21.6	4.7	26.8	0.0	18.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.0	9.4	0.0	0.0	21.6	4.7	26.8	0.0	18.3	0.0	0.0	0.0
LOS by Move:	D+	A	A	A	C+	A	C	A	B-	A	A	A
HCM2kAvgQ:	5	6	0	0	10	2	3	0	10	0	0	0

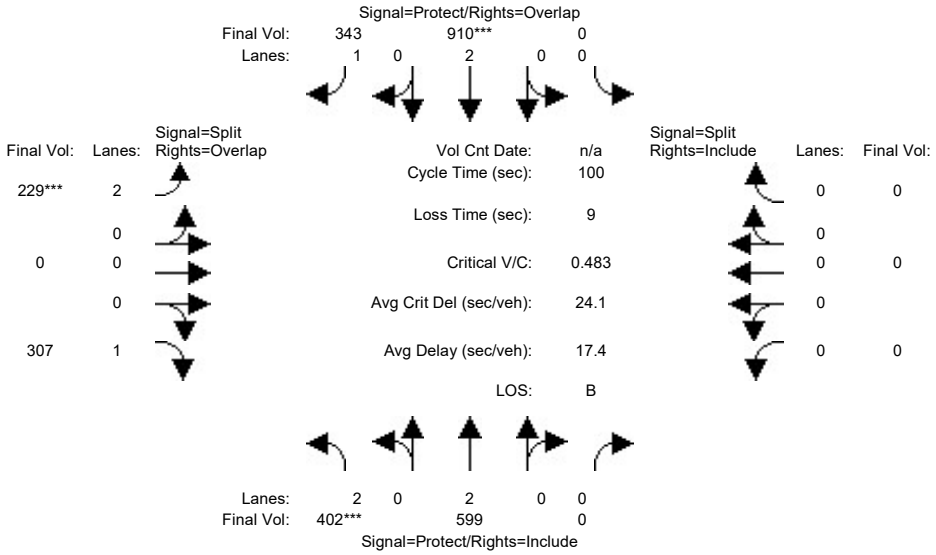
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:00-6:00												
Base Vol:	395	587	0	0	908	343	229	0	302	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	395	587	0	0	908	343	229	0	302	0	0	0
Added Vol:	7	12	0	0	2	0	0	0	5	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	402	599	0	0	910	343	229	0	307	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	402	599	0	0	910	343	229	0	307	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	402	599	0	0	910	343	229	0	307	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	402	599	0	0	910	343	229	0	307	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.16	0.00	0.00	0.24	0.20	0.07	0.00	0.18	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	26.4	76.0	0.0	0.0	49.6	64.6	15.0	0.0	41.4	0.0	0.0	0.0
Volume/Cap:	0.48	0.21	0.00	0.00	0.48	0.30	0.48	0.00	0.42	0.00	0.00	0.00
Delay/Veh:	31.5	3.5	0.0	0.0	16.9	7.9	39.7	0.0	21.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.5	3.5	0.0	0.0	16.9	7.9	39.7	0.0	21.2	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	A	D	A	C+	A	A	A
HCM2kAvgQ:	6	3	0	0	9	5	4	0	7	0	0	0

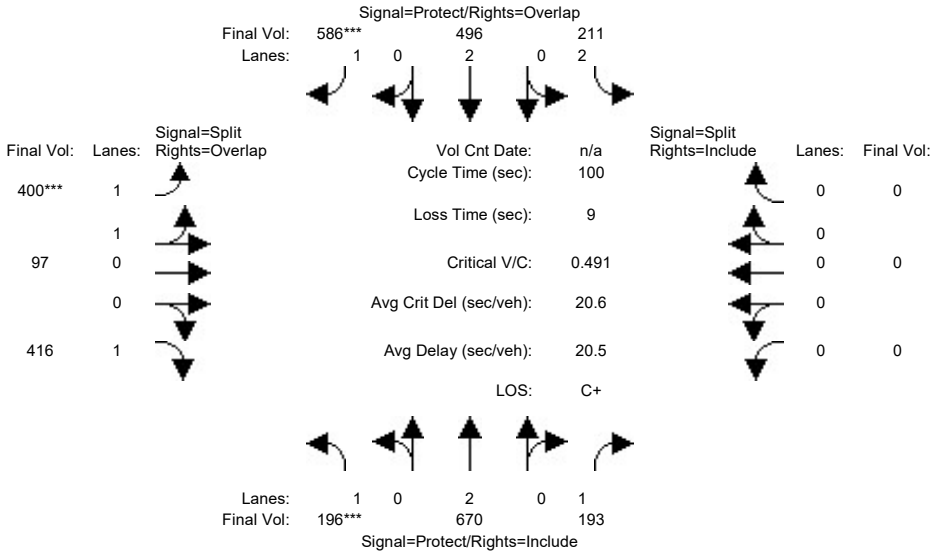
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:35-8:35												
Base Vol:	181	670	193	211	496	545	397	91	413	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	181	670	193	211	496	545	397	91	413	0	0	0
Added Vol:	15	0	0	0	0	41	3	6	3	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	196	670	193	211	496	586	400	97	416	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	196	670	193	211	496	586	400	97	416	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	196	670	193	211	496	586	400	97	416	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	196	670	193	211	496	586	400	97	416	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.62	0.38	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2857	693	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.18	0.11	0.07	0.13	0.33	0.14	0.14	0.24	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	22.8	44.7	44.7	17.8	39.7	68.2	28.5	28.5	51.3	0.0	0.0	0.0
Volume/Cap:	0.49	0.39	0.25	0.38	0.33	0.49	0.49	0.49	0.46	0.00	0.00	0.00
Delay/Veh:	34.5	18.7	17.3	36.7	21.1	7.9	30.1	30.1	15.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.5	18.7	17.3	36.7	21.1	7.9	30.1	30.1	15.9	0.0	0.0	0.0
LOS by Move:	C-	B-	B	D+	C+	A	C	C	B	A	A	A
HCM2kAvgQ:	5	7	4	3	5	9	7	7	9	0	0	0

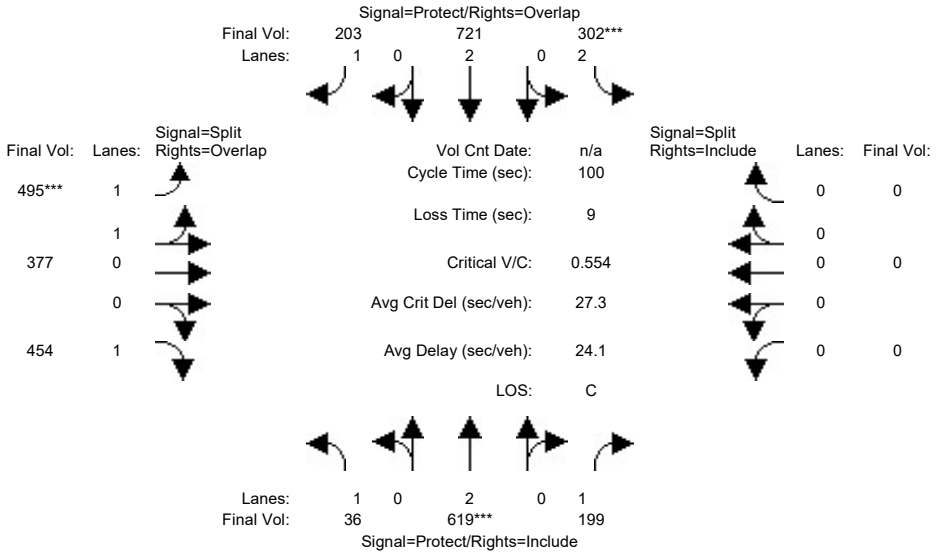
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:50-5:50												
Base Vol:	34	619	199	302	721	197	476	345	439	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	34	619	199	302	721	197	476	345	439	0	0	0
Added Vol:	2	0	0	0	0	6	19	32	15	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	36	619	199	302	721	203	495	377	454	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	36	619	199	302	721	203	495	377	454	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	36	619	199	302	721	203	495	377	454	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	36	619	199	302	721	203	495	377	454	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.15	0.85	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2015	1535	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.16	0.11	0.10	0.19	0.12	0.25	0.25	0.26	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	12.6	29.4	29.4	17.3	34.1	78.4	44.3	44.3	56.9	0.0	0.0	0.0
Volume/Cap:	0.16	0.55	0.39	0.55	0.56	0.15	0.55	0.55	0.46	0.00	0.00	0.00
Delay/Veh:	39.4	30.4	28.6	39.1	27.3	2.7	21.0	21.0	12.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.4	30.4	28.6	39.1	27.3	2.7	21.0	21.0	12.9	0.0	0.0	0.0
LOS by Move:	D	C	C	D	C	A	C+	C+	B	A	A	A
HCM2kAvgQ:	1	8	5	5	9	2	10	10	9	0	0	0

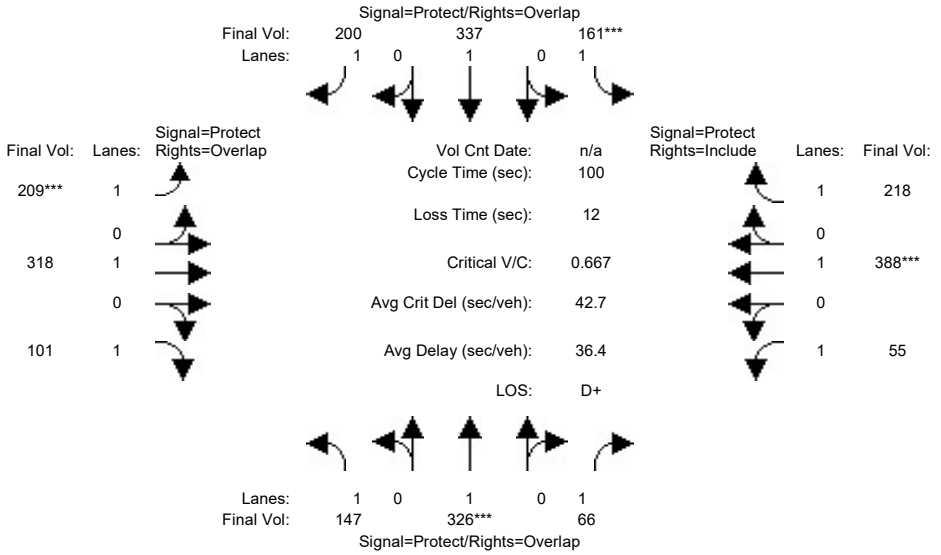
Note: Queue reported is the number of cars per lane.

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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	147	319	66	159	336	200	209	318	101	55	388	210
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	319	66	159	336	200	209	318	101	55	388	210
Added Vol:	0	7	0	2	1	0	0	0	0	0	0	8
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	147	326	66	161	337	200	209	318	101	55	388	218
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	147	326	66	161	337	200	209	318	101	55	388	218
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	147	326	66	161	337	200	209	318	101	55	388	218
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	147	326	66	161	337	200	209	318	101	55	388	218
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.17	0.04	0.09	0.18	0.11	0.12	0.17	0.06	0.03	0.20	0.12
Crit Moves:		****			****			****			****	
Green Time:	12.7	25.7	40.0	13.8	26.8	44.7	17.9	34.2	46.9	14.3	30.6	30.6
Volume/Cap:	0.66	0.67	0.09	0.67	0.66	0.26	0.67	0.49	0.12	0.22	0.67	0.41
Delay/Veh:	56.1	40.4	19.0	54.6	39.2	18.1	49.0	28.6	15.3	39.9	36.2	29.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.1	40.4	19.0	54.6	39.2	18.1	49.0	28.6	15.3	39.9	36.2	29.8
LOS by Move:	E+	D	B-	D-	D	B-	D	C	B	D	D+	C
HCM2kAvgQ:	6	10	1	5	10	4	7	8	2	2	11	6

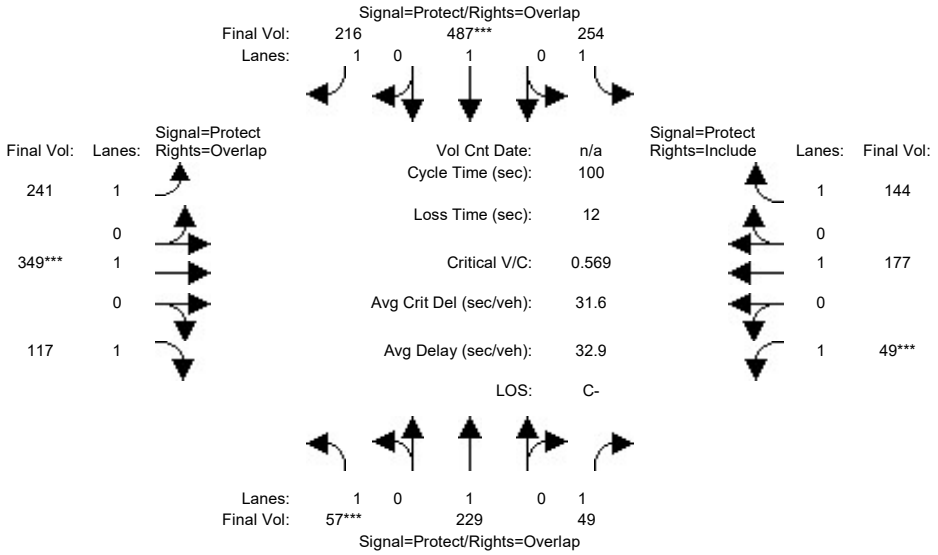
Note: Queue reported is the number of cars per lane.

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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:00-6:00												
Base Vol:	57	228	49	245	480	216	241	349	117	49	177	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	228	49	245	480	216	241	349	117	49	177	143
Added Vol:	0	1	0	9	7	0	0	0	0	0	0	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	229	49	254	487	216	241	349	117	49	177	144
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	229	49	254	487	216	241	349	117	49	177	144
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	229	49	254	487	216	241	349	117	49	177	144
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	229	49	254	487	216	241	349	117	49	177	144
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.12	0.03	0.15	0.26	0.12	0.14	0.18	0.07	0.03	0.09	0.08
Crit Moves:	****				****			****			****	
Green Time:	7.0	22.7	29.7	27.4	43.1	65.1	22.0	30.9	37.9	7.0	15.9	15.9
Volume/Cap:	0.47	0.53	0.09	0.53	0.59	0.19	0.63	0.59	0.18	0.40	0.58	0.52
Delay/Veh:	56.9	38.5	25.8	35.0	24.9	7.3	42.9	33.6	21.2	54.0	47.0	45.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.9	38.5	25.8	35.0	24.9	7.3	42.9	33.6	21.2	54.0	47.0	45.2
LOS by Move:	E+	D+	C	D+	C	A	D	C-	C+	D-	D	D
HCM2kAvgQ:	2	7	1	7	12	3	8	9	3	2	6	5

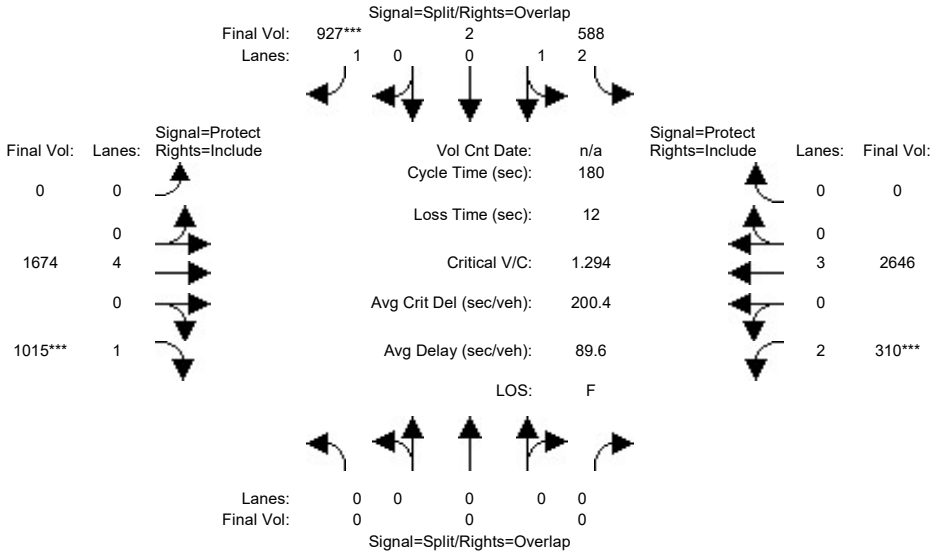
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Added Vol:	0	0	0	6	0	0	0	10	0	0	2	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	588	2	927	0	1674	1015	310	2646	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	588	2	927	0	1674	1015	310	2646	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	588	2	927	0	1674	1015	310	2646	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	588	2	927	0	1674	1015	310	2646	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4933	17	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.12	0.53	0.00	0.22	0.58	0.10	0.46	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	73.7	73.7	73.7	0.0	80.7	80.7	13.7	94.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.29	0.29	1.29	0.00	0.49	1.29	1.29	0.89	0.00
Delay/Veh:	0.0	0.0	0.0	35.7	35.7	195.9	0.0	35.3	191.6	243.0	41.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.7	35.7	195.9	0.0	35.3	191.6	243.0	41.6	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D+	F	F	D	A
HCM2kAvgQ:	0	0	0	8	8	83	0	16	90	15	42	0

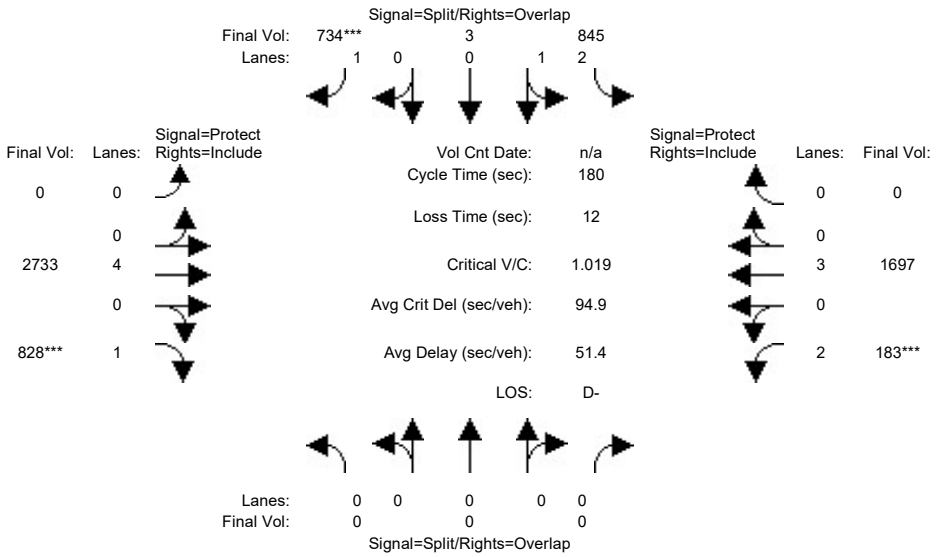
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	844	3	734	0	2731	828	183	1684	0
Added Vol:	0	0	0	1	0	0	0	2	0	0	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	845	3	734	0	2733	828	183	1697	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	845	3	734	0	2733	828	183	1697	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	845	3	734	0	2733	828	183	1697	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	845	3	734	0	2733	828	183	1697	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	18	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.17	0.42	0.00	0.36	0.47	0.06	0.30	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	74.1	74.1	74.1	0.0	83.6	83.6	10.3	93.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.42	1.02	0.00	0.77	1.02	1.02	0.57	0.00
Delay/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.4	84.5	156.9	29.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.4	84.5	156.9	29.6	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D	F	F	C	A
HCM2kAvgQ:	0	0	0	12	12	51	0	32	57	7	20	0

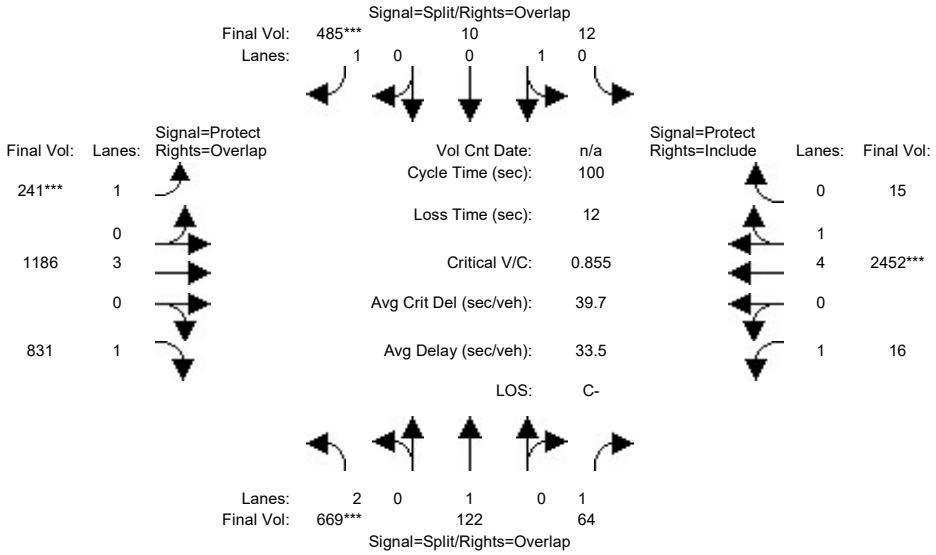
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	669	122	64	12	10	485	241	1170	831	16	2449	15
Added Vol:	0	0	0	0	0	0	0	16	0	0	3	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	669	122	64	12	10	485	241	1186	831	16	2452	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	669	122	64	12	10	485	241	1186	831	16	2452	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	669	122	64	12	10	485	241	1186	831	16	2452	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	669	122	64	12	10	485	241	1186	831	16	2452	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.55	0.45	1.00	1.00	3.00	1.00	1.00	4.97	0.03
Final Sat.:	3150	1900	1750	982	818	1750	1750	5700	1750	1750	9343	57
Capacity Analysis Module:												
Vol/Sat:	0.21	0.06	0.04	0.01	0.01	0.28	0.14	0.21	0.47	0.01	0.26	0.26
Crit Moves:	****					****	****				****	
Green Time:	24.9	24.9	34.7	16.3	16.3	32.4	16.1	37.0	61.8	9.9	30.7	30.7
Volume/Cap:	0.85	0.26	0.11	0.07	0.07	0.85	0.85	0.56	0.77	0.09	0.85	0.85
Delay/Veh:	44.9	30.5	22.2	35.6	35.6	43.6	62.4	25.4	17.3	41.2	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.9	30.5	22.2	35.6	35.6	43.6	62.4	25.4	17.3	41.2	35.2	35.2
LOS by Move:	D	C	C+	D+	D+	D	E	C	B	D	D+	D+
HCM2kAvgQ:	15	3	1	1	1	18	9	9	20	0	14	14

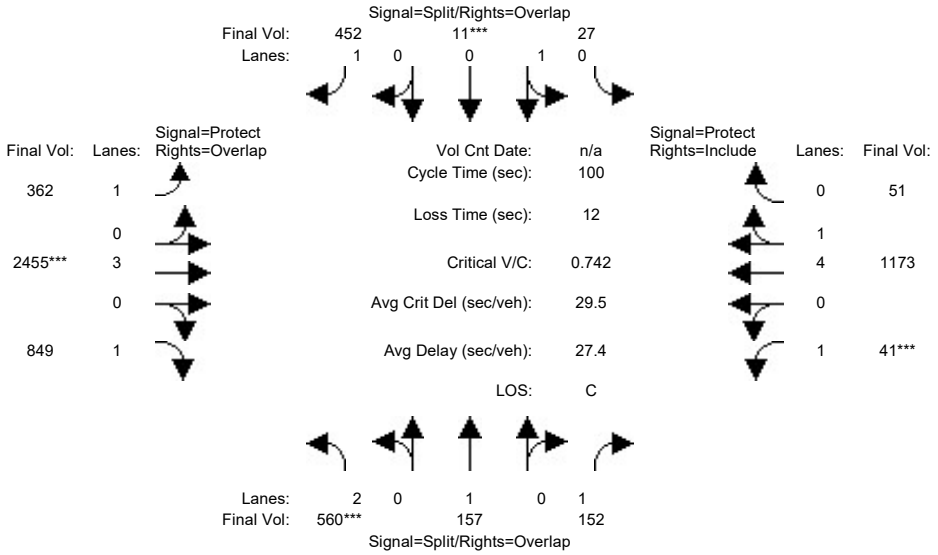
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	560	157	152	27	11	452	362	2452	849	41	1154	51
Added Vol:	0	0	0	0	0	0	0	3	0	0	19	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	560	157	152	27	11	452	362	2455	849	41	1173	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	560	157	152	27	11	452	362	2455	849	41	1173	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	560	157	152	27	11	452	362	2455	849	41	1173	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	560	157	152	27	11	452	362	2455	849	41	1173	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.71	0.29	1.00	1.00	3.00	1.00	1.00	4.78	0.22
Final Sat.:	3150	1900	1750	1279	521	1750	1750	5700	1750	1750	9008	392
Capacity Analysis Module:												
Vol/Sat:	0.18	0.08	0.09	0.02	0.02	0.26	0.21	0.43	0.49	0.02	0.13	0.13
Crit Moves:	****				****			****		****		
Green Time:	20.7	20.7	27.7	10.0	10.0	45.1	35.1	50.3	71.0	7.0	22.1	22.1
Volume/Cap:	0.86	0.40	0.31	0.21	0.21	0.57	0.59	0.86	0.68	0.33	0.59	0.59
Delay/Veh:	49.1	34.9	29.0	42.0	42.0	21.3	28.0	24.5	9.8	45.9	35.3	35.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.1	34.9	29.0	42.0	42.0	21.3	28.0	24.5	9.8	45.9	35.3	35.3
LOS by Move:	D	C-	C	D	D	C+	C	C	A	D	D+	D+
HCM2kAvgQ:	13	4	4	1	1	11	9	22	15	1	7	7

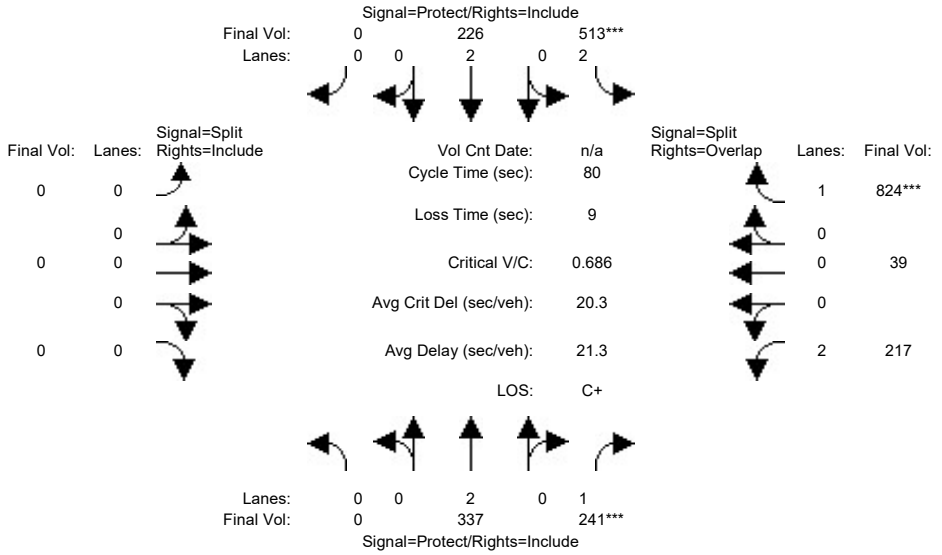
Note: Queue reported is the number of cars per lane.

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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	337	238	508	226	0	0	0	0	216	39	823
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	337	238	508	226	0	0	0	0	216	39	823
Added Vol:	0	0	3	5	0	0	0	0	0	1	0	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	337	241	513	226	0	0	0	0	217	39	824
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	337	241	513	226	0	0	0	0	217	39	824
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	337	241	513	226	0	0	0	0	217	39	824
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	337	241	513	226	0	0	0	0	217	39	824
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	1.72	0.28	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3003	540	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.09	0.14	0.16	0.06	0.00	0.00	0.00	0.00	0.07	0.07	0.47
Crit Moves:			****	****								****
Green Time:	0.0	16.1	16.1	19.0	35.1	0.0	0.0	0.0	0.0	35.9	35.9	54.9
Volume/Cap:	0.00	0.44	0.69	0.69	0.14	0.00	0.00	0.00	0.00	0.16	0.16	0.69
Delay/Veh:	0.0	29.9	40.0	32.8	13.6	0.0	0.0	0.0	0.0	13.1	13.1	9.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	29.9	40.0	32.8	13.6	0.0	0.0	0.0	0.0	13.1	13.1	9.9
LOS by Move:	A	C	D	C-	B	A	A	A	A	B	B	A
HCM2kAvgQ:	0	4	7	8	2	0	0	0	0	2	2	14

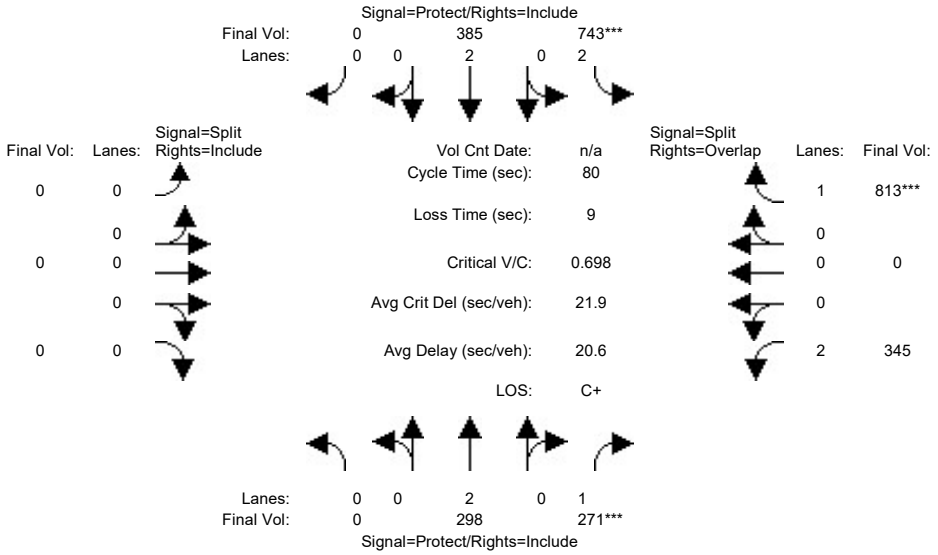
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	298	270	742	385	0	0	0	0	342	0	807
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	298	270	742	385	0	0	0	0	342	0	807
Added Vol:	0	0	1	1	0	0	0	0	0	3	0	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	298	271	743	385	0	0	0	0	345	0	813
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	298	271	743	385	0	0	0	0	345	0	813
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	298	271	743	385	0	0	0	0	345	0	813
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	298	271	743	385	0	0	0	0	345	0	813
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.15	0.24	0.10	0.00	0.00	0.00	0.00	0.11	0.00	0.46
Crit Moves:			****	****								****
Green Time:	0.0	17.8	17.8	27.0	44.8	0.0	0.0	0.0	0.0	26.2	0.0	53.2
Volume/Cap:	0.00	0.35	0.70	0.70	0.18	0.00	0.00	0.00	0.00	0.33	0.00	0.70
Delay/Veh:	0.0	27.4	38.6	26.7	8.8	0.0	0.0	0.0	0.0	21.2	0.0	11.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.4	38.6	26.7	8.8	0.0	0.0	0.0	0.0	21.2	0.0	11.8
LOS by Move:	A	C	D+	C	A	A	A	A	A	C+	A	B+
HCM2kAvgQ:	0	3	8	11	2	0	0	0	0	4	0	15

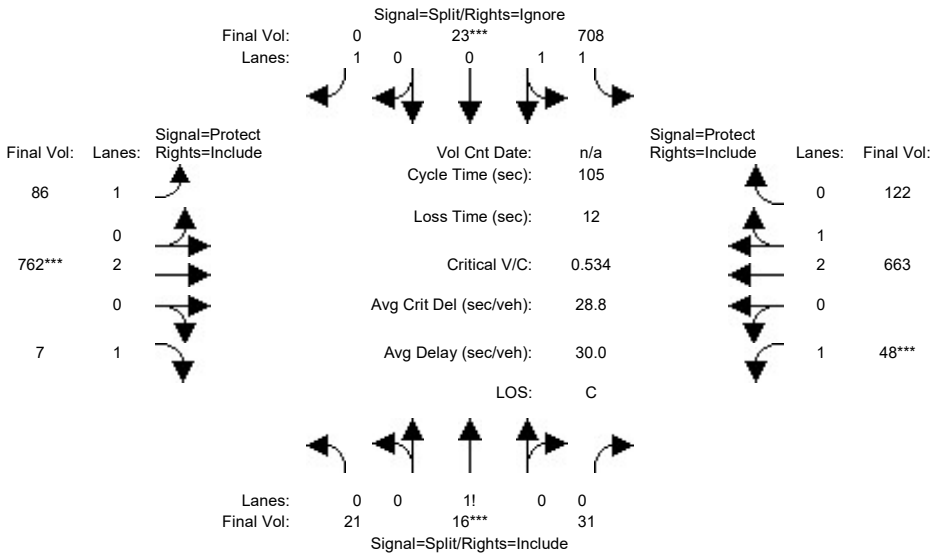
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	21	16	31	697	23	683	86	754	7	48	661	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	16	31	697	23	683	86	754	7	48	661	120
Added Vol:	0	0	0	11	0	0	0	8	0	0	2	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	16	31	708	23	683	86	762	7	48	663	122
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	16	31	708	23	0	86	762	7	48	663	122
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	16	31	708	23	0	86	762	7	48	663	122
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	16	31	708	23	0	86	762	7	48	663	122
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	0.31	0.23	0.46	1.94	0.06	1.00	1.00	2.00	1.00	1.00	2.52	0.48
Final Sat.:	540	412	798	3438	112	1750	1750	3800	1750	1750	4729	870
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.21	0.21	0.00	0.05	0.20	0.00	0.03	0.14	0.14
Crit Moves:		****			****			****			****	
Green Time:	10.0	10.0	10.0	38.5	38.5	0.0	14.3	37.5	37.5	7.0	30.2	30.2
Volume/Cap:	0.41	0.41	0.41	0.56	0.56	0.00	0.36	0.56	0.01	0.41	0.49	0.49
Delay/Veh:	46.3	46.3	46.3	27.1	27.1	0.0	42.1	27.7	21.8	49.4	31.3	31.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.3	46.3	46.3	27.1	27.1	0.0	42.1	27.7	21.8	49.4	31.3	31.3
LOS by Move:	D	D	D	C	C	A	D	C	C+	D	C	C
HCM2kAvgQ:	3	3	3	10	10	0	3	10	0	2	7	7

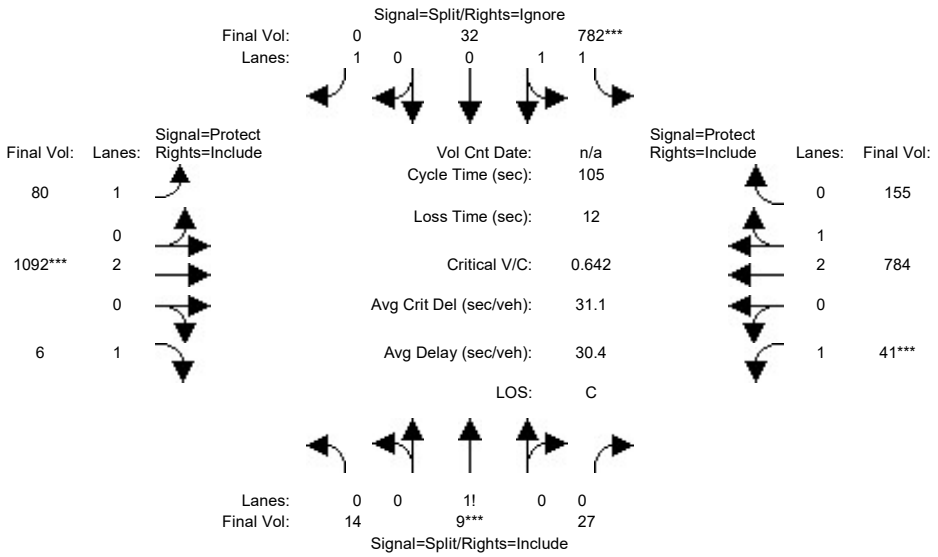
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	9	27	781	32	573	80	1091	6	41	775	148
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	9	27	781	32	573	80	1091	6	41	775	148
Added Vol:	0	0	0	1	0	0	0	1	0	0	9	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	9	27	782	32	573	80	1092	6	41	784	155
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	9	27	782	32	0	80	1092	6	41	784	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	9	27	782	32	0	80	1092	6	41	784	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	9	27	782	32	0	80	1092	6	41	784	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	0.28	0.18	0.54	1.92	0.08	1.00	1.00	2.00	1.00	1.00	2.49	0.51
Final Sat.:	490	315	945	3410	140	1750	1750	3800	1750	1750	4674	924
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.23	0.23	0.00	0.05	0.29	0.00	0.02	0.17	0.17
Crit Moves:		****		****				****		****		
Green Time:	10.0	10.0	10.0	33.7	33.7	0.0	14.0	42.3	42.3	7.0	35.3	35.3
Volume/Cap:	0.30	0.30	0.30	0.71	0.71	0.00	0.34	0.71	0.01	0.35	0.50	0.50
Delay/Veh:	45.3	45.3	45.3	33.6	33.6	0.0	42.2	27.9	18.8	48.7	28.0	28.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.3	45.3	45.3	33.6	33.6	0.0	42.2	27.9	18.8	48.7	28.0	28.0
LOS by Move:	D	D	D	C-	C-	A	D	C	B-	D	C	C
HCM2kAvgQ:	2	2	2	13	13	0	2	15	0	1	8	8

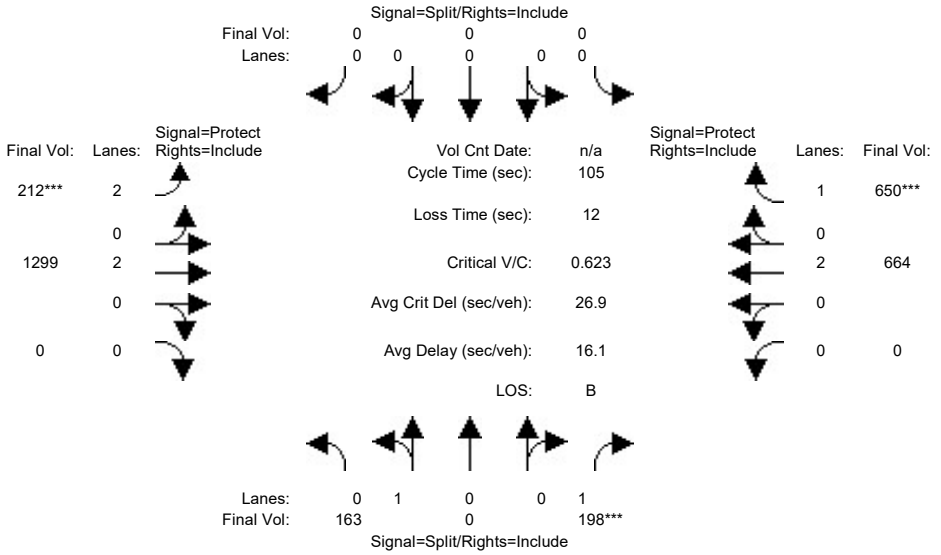
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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	163	0	190	0	0	0	212	1280	0	0	661	648
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	163	0	190	0	0	0	212	1280	0	0	661	648
Added Vol:	0	0	8	0	0	0	0	19	0	0	3	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	0	198	0	0	0	212	1299	0	0	664	650
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	0	198	0	0	0	212	1299	0	0	664	650
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	0	198	0	0	0	212	1299	0	0	664	650
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	0	198	0	0	0	212	1299	0	0	664	650
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1800	0	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.11	0.00	0.00	0.00	0.07	0.34	0.00	0.00	0.17	0.37
Crit Moves:			****				****					****
Green Time:	19.1	0.0	19.1	0.0	0.0	0.0	11.3	73.9	0.0	0.0	62.6	62.6
Volume/Cap:	0.50	0.00	0.62	0.00	0.00	0.00	0.62	0.49	0.00	0.00	0.29	0.62
Delay/Veh:	39.9	0.0	43.5	0.0	0.0	0.0	48.4	7.1	0.0	0.0	10.4	14.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.9	0.0	43.5	0.0	0.0	0.0	48.4	7.1	0.0	0.0	10.4	14.8
LOS by Move:	D	A	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	5	0	7	0	0	0	4	9	0	0	5	15

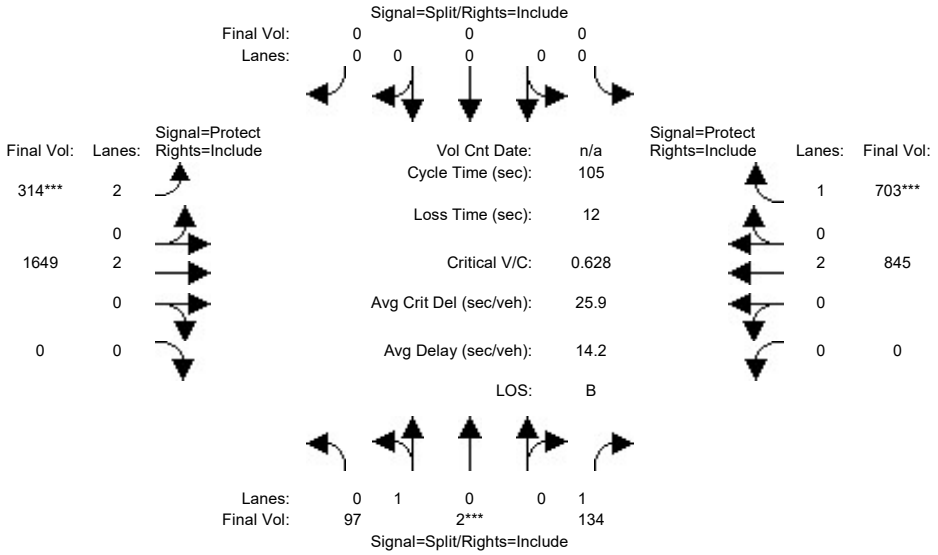
Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	97	2	133	0	0	0	314	1646	0	0	829	694
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	97	2	133	0	0	0	314	1646	0	0	829	694
Added Vol:	0	0	1	0	0	0	0	3	0	0	16	9
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	2	134	0	0	0	314	1649	0	0	845	703
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	97	2	134	0	0	0	314	1649	0	0	845	703
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	2	134	0	0	0	314	1649	0	0	845	703
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	97	2	134	0	0	0	314	1649	0	0	845	703
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	0.98	0.02	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1764	36	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.08	0.00	0.00	0.00	0.10	0.43	0.00	0.00	0.22	0.40
Crit Moves:		****					****					****
Green Time:	12.8	12.8	12.8	0.0	0.0	0.0	15.9	80.2	0.0	0.0	64.3	64.3
Volume/Cap:	0.45	0.45	0.63	0.00	0.00	0.00	0.66	0.57	0.00	0.00	0.36	0.66
Delay/Veh:	44.3	44.3	49.7	0.0	0.0	0.0	45.3	5.4	0.0	0.0	10.3	14.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.3	44.3	49.7	0.0	0.0	0.0	45.3	5.4	0.0	0.0	10.3	14.7
LOS by Move:	D	D	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	4	4	6	0	0	0	6	11	0	0	7	16

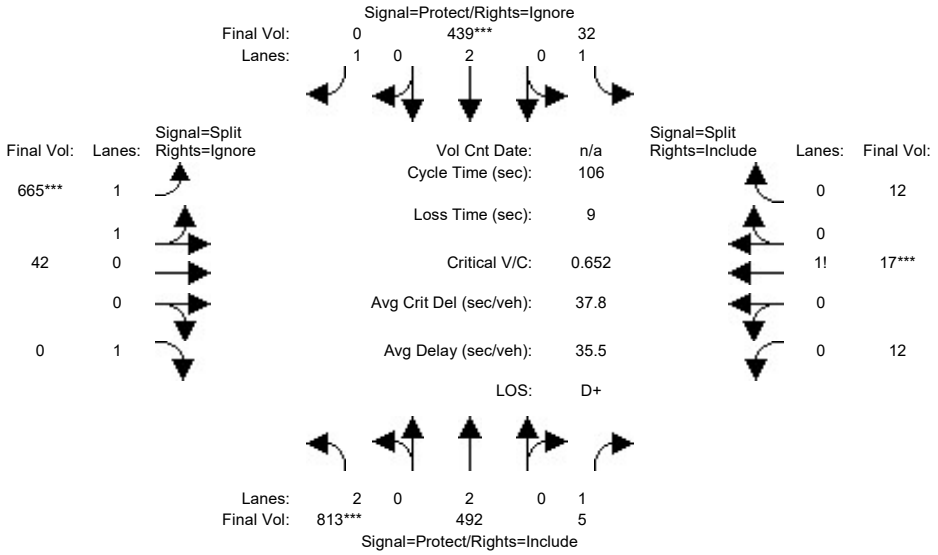
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	813	485	5	32	438	400	638	42	744	12	17	12
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	813	485	5	32	438	400	638	42	744	12	17	12
Added Vol:	0	7	0	0	1	5	27	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	813	492	5	32	439	405	665	42	744	12	17	12
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	813	492	5	32	439	0	665	42	0	12	17	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	813	492	5	32	439	0	665	42	0	12	17	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	813	492	5	32	439	0	665	42	0	12	17	12
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.88	0.12	1.00	0.29	0.42	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3339	211	1750	512	726	512
Capacity Analysis Module:												
Vol/Sat:	0.26	0.13	0.00	0.02	0.12	0.00	0.20	0.20	0.00	0.02	0.02	0.02
Crit Moves:	****				****		****				****	
Green Time:	39.2	37.6	37.6	19.2	17.5	0.0	30.3	30.3	0.0	10.0	10.0	10.0
Volume/Cap:	0.70	0.37	0.01	0.10	0.70	0.00	0.70	0.70	0.00	0.25	0.25	0.25
Delay/Veh:	31.8	26.1	22.2	36.9	48.0	0.0	37.8	37.8	0.0	48.1	48.1	48.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.8	26.1	22.2	36.9	48.0	0.0	37.8	37.8	0.0	48.1	48.1	48.1
LOS by Move:	C	C	C+	D+	D	A	D+	D+	A	D	D	D
HCM2kAvgQ:	14	6	0	1	7	0	11	11	0	2	2	2

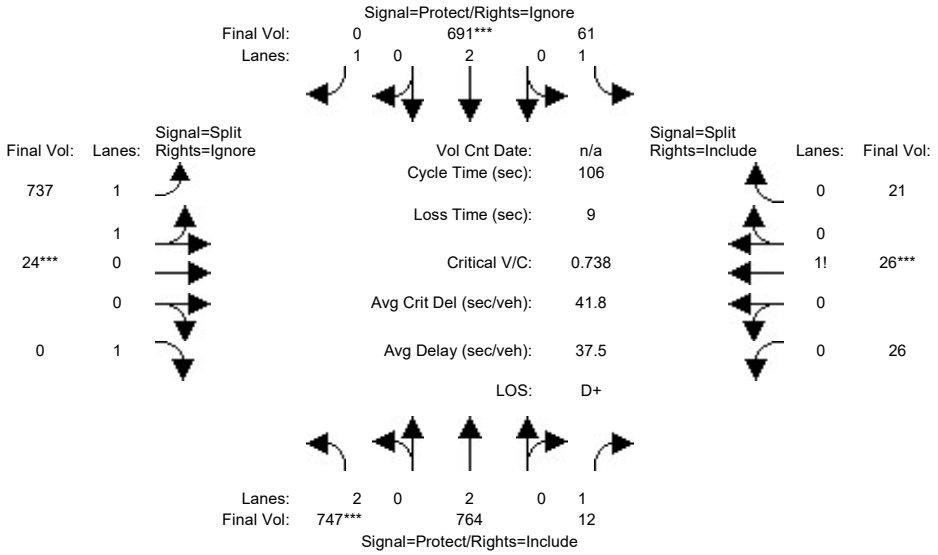
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	747	763	12	61	682	760	733	24	1000	26	26	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	747	763	12	61	682	760	733	24	1000	26	26	21
Added Vol:	0	1	0	0	9	26	4	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	747	764	12	61	691	786	737	24	1000	26	26	21
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	747	764	12	61	691	0	737	24	0	26	26	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	747	764	12	61	691	0	737	24	0	26	26	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	747	764	12	61	691	0	737	24	0	26	26	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.94	0.06	1.00	0.36	0.35	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3438	112	1750	623	623	503
Capacity Analysis Module:												
Vol/Sat:	0.24	0.20	0.01	0.03	0.18	0.00	0.21	0.21	0.00	0.04	0.04	0.04
Crit Moves:	****				****			****			****	
Green Time:	32.6	43.3	43.3	14.2	25.0	0.0	29.4	29.4	0.0	10.0	10.0	10.0
Volume/Cap:	0.77	0.49	0.02	0.26	0.77	0.00	0.77	0.77	0.00	0.44	0.44	0.44
Delay/Veh:	39.3	24.3	18.7	43.8	44.2	0.0	41.0	41.0	0.0	53.7	53.7	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.3	24.3	18.7	43.8	44.2	0.0	41.0	41.0	0.0	53.7	53.7	53.7
LOS by Move:	D	C	B-	D	D	A	D	D	A	D-	D-	D-
HCM2kAvgQ:	14	9	0	2	11	0	13	13	0	3	3	3

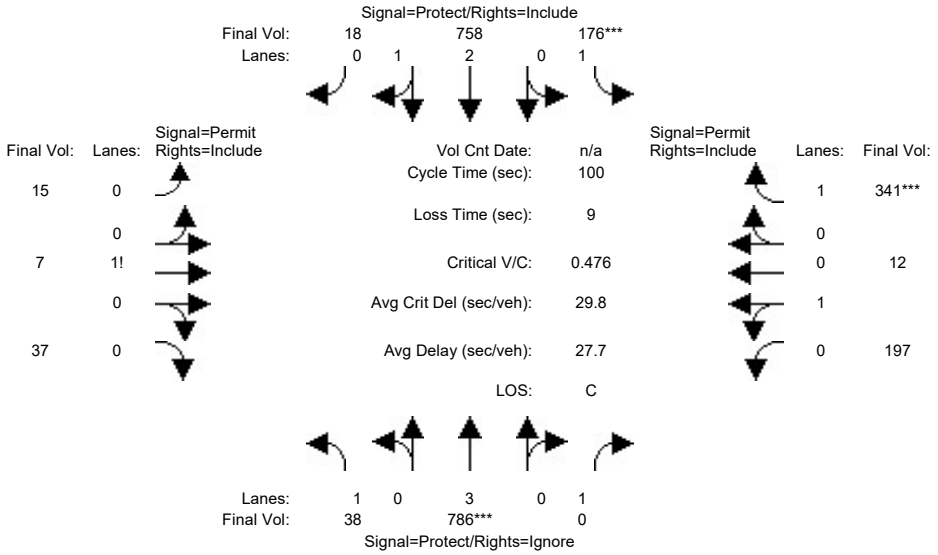
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	38	779	116	176	757	18	15	7	37	197	12	341
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	779	116	176	757	18	15	7	37	197	12	341
Added Vol:	0	7	0	0	1	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	786	116	176	758	18	15	7	37	197	12	341
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	786	0	176	758	18	15	7	37	197	12	341
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	786	0	176	758	18	15	7	37	197	12	341
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	786	0	176	758	18	15	7	37	197	12	341
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.93	0.07	0.25	0.12	0.63	0.94	0.06	1.00
Final Sat.:	1750	5700	1750	1750	5470	130	445	208	1097	1697	103	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.00	0.10	0.14	0.14	0.03	0.03	0.03	0.12	0.12	0.19
Crit Moves:		****		****								****
Green Time:	16.8	29.0	0.0	21.1	33.3	33.3	40.9	40.9	40.9	40.9	40.9	40.9
Volume/Cap:	0.13	0.48	0.00	0.48	0.42	0.42	0.08	0.08	0.08	0.28	0.28	0.48
Delay/Veh:	36.3	30.3	0.0	38.9	26.5	26.5	18.3	18.3	18.3	20.7	20.7	23.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.3	30.3	0.0	38.9	26.5	26.5	18.3	18.3	18.3	20.7	20.7	23.9
LOS by Move:	D+	C	A	D+	C	C	B-	B-	B-	C+	C+	C
HCM2kAvgQ:	1	7	0	5	6	6	1	1	1	4	4	8

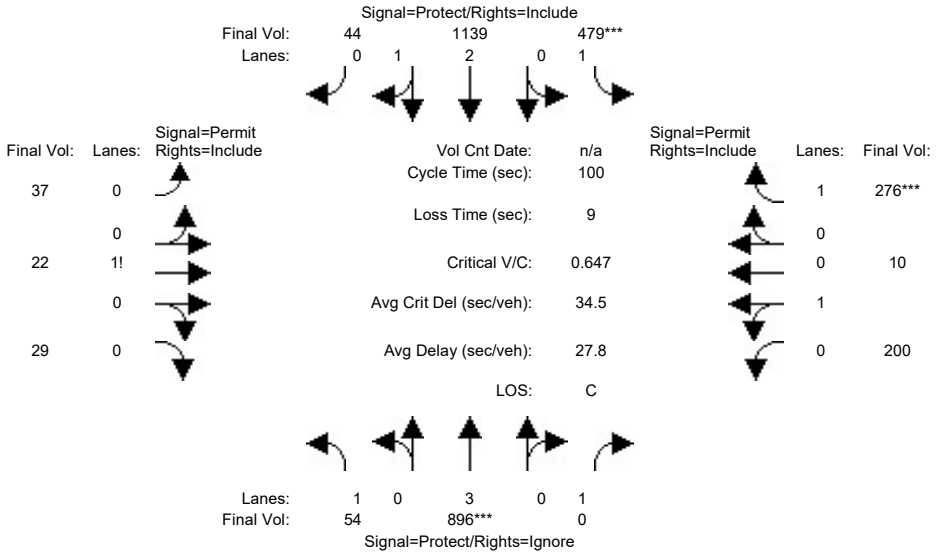
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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	54	895	261	479	1130	44	37	22	29	200	10	276
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	895	261	479	1130	44	37	22	29	200	10	276
Added Vol:	0	1	0	0	9	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	896	261	479	1139	44	37	22	29	200	10	276
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	896	0	479	1139	44	37	22	29	200	10	276
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	896	0	479	1139	44	37	22	29	200	10	276
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	896	0	479	1139	44	37	22	29	200	10	276
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.88	0.12	0.42	0.25	0.33	0.95	0.05	1.00
Final Sat.:	1750	5700	1750	1750	5391	208	736	438	577	1714	86	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.16	0.00	0.27	0.21	0.21	0.05	0.05	0.05	0.12	0.12	0.16
Crit Moves:		****		****								****
Green Time:	16.6	24.3	0.0	42.3	50.0	50.0	24.4	24.4	24.4	24.4	24.4	24.4
Volume/Cap:	0.19	0.65	0.00	0.65	0.42	0.42	0.21	0.21	0.21	0.48	0.48	0.65
Delay/Veh:	37.3	36.3	0.0	27.2	16.3	16.3	31.2	31.2	31.2	36.1	36.1	41.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.3	36.3	0.0	27.2	16.3	16.3	31.2	31.2	31.2	36.1	36.1	41.3
LOS by Move:	D+	D+	A	C	B	B	C	C	C	D+	D+	D
HCM2kAvgQ:	2	9	0	13	8	8	2	2	2	6	6	9

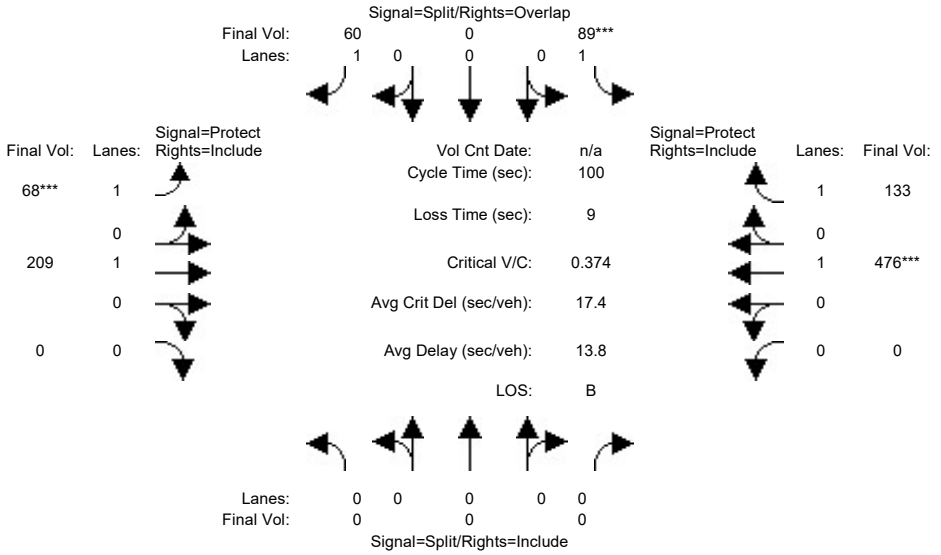
Note: Queue reported is the number of cars per lane.

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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	89	0	60	68	209	0	0	476	133
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	89	0	60	68	209	0	0	476	133
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	89	0	60	68	209	0	0	476	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	89	0	60	68	209	0	0	476	133
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	89	0	60	68	209	0	0	476	133
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	89	0	60	68	209	0	0	476	133
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.11	0.00	0.00	0.25	0.08
Crit Moves:				****			****				****	
Green Time:	0.0	0.0	0.0	13.6	0.0	24.0	10.4	77.4	0.0	0.0	67.0	67.0
Volume/Cap:	0.00	0.00	0.00	0.37	0.00	0.14	0.37	0.14	0.00	0.00	0.37	0.11
Delay/Veh:	0.0	0.0	0.0	43.8	0.0	30.6	47.6	3.1	0.0	0.0	8.1	6.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	43.8	0.0	30.6	47.6	3.1	0.0	0.0	8.1	6.1
LOS by Move:	A	A	A	D	A	C	D	A	A	A	A	A
HCM2kAvgQ:	0	0	0	3	0	2	2	2	0	0	6	2

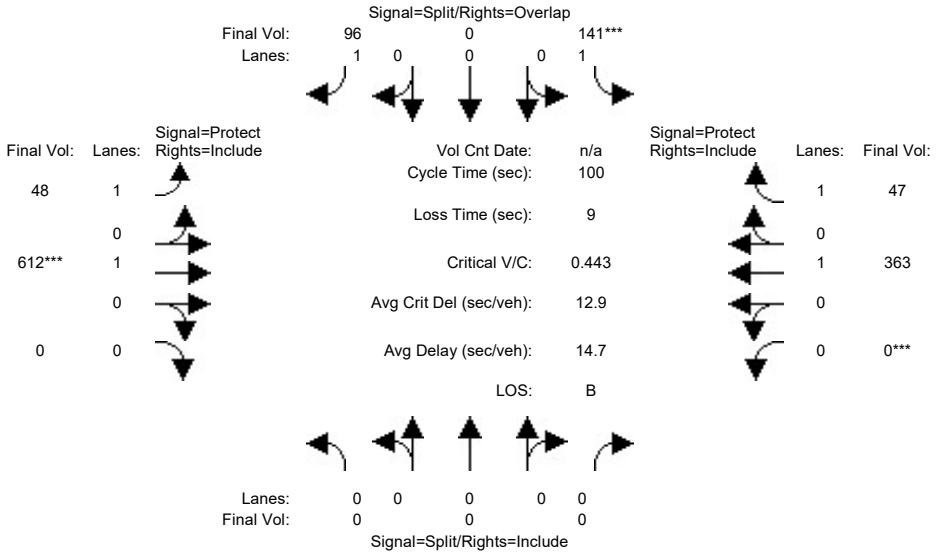
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	141	0	96	48	612	0	0	363	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	141	0	96	48	612	0	0	363	47
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	141	0	96	48	612	0	0	363	47
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	141	0	96	48	612	0	0	363	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	141	0	96	48	612	0	0	363	47
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	141	0	96	48	612	0	0	363	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.08	0.00	0.05	0.03	0.32	0.00	0.00	0.19	0.03
Crit Moves:				****				****		****		
Green Time:	0.0	0.0	0.0	18.2	0.0	37.7	19.5	72.8	0.0	0.0	53.3	53.3
Volume/Cap:	0.00	0.00	0.00	0.44	0.00	0.15	0.14	0.44	0.00	0.00	0.36	0.05
Delay/Veh:	0.0	0.0	0.0	40.8	0.0	21.0	34.2	6.5	0.0	0.0	14.5	11.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	40.8	0.0	21.0	34.2	6.5	0.0	0.0	14.5	11.3
LOS by Move:	A	A	A	D	A	C+	C-	A	A	A	B	B+
HCM2kAvgQ:	0	0	0	5	0	2	1	8	0	0	6	1

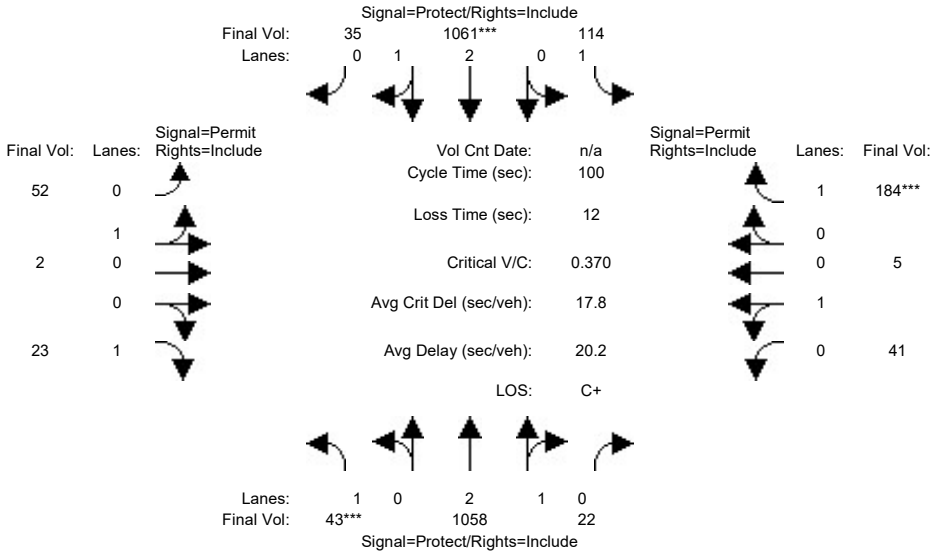
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	43	1051	22	114	1060	35	52	2	23	41	5	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	1051	22	114	1060	35	52	2	23	41	5	184
Added Vol:	0	7	0	0	1	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	1058	22	114	1061	35	52	2	23	41	5	184
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	1058	22	114	1061	35	52	2	23	41	5	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	1058	22	114	1061	35	52	2	23	41	5	184
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	1058	22	114	1061	35	52	2	23	41	5	184
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.94	0.06	1.00	2.90	0.10	0.96	0.04	1.00	0.89	0.11	1.00
Final Sat.:	1750	5486	114	1750	5421	179	1733	67	1750	1604	196	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.07	0.20	0.20	0.03	0.03	0.01	0.03	0.03	0.11
Crit Moves:	****				****							****
Green Time:	7.0	43.8	43.8	15.9	52.7	52.7	28.3	28.3	28.3	28.3	28.3	28.3
Volume/Cap:	0.35	0.44	0.44	0.41	0.37	0.37	0.11	0.11	0.05	0.09	0.09	0.37
Delay/Veh:	52.1	20.1	20.1	42.3	14.3	14.3	26.9	26.9	26.2	26.7	26.7	30.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.1	20.1	20.1	42.3	14.3	14.3	26.9	26.9	26.2	26.7	26.7	30.9
LOS by Move:	D-	C+	C+	D	B	B	C	C	C	C	C	C
HCM2kAvgQ:	1	8	8	3	7	7	1	1	1	1	1	5

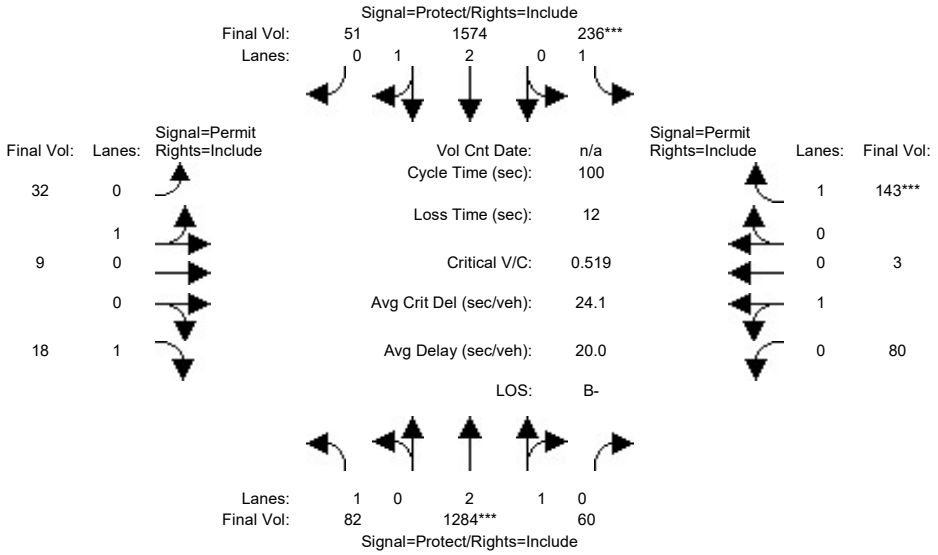
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	82	1283	60	236	1565	51	32	9	18	80	3	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	82	1283	60	236	1565	51	32	9	18	80	3	143
Added Vol:	0	1	0	0	9	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	1284	60	236	1574	51	32	9	18	80	3	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	82	1284	60	236	1574	51	32	9	18	80	3	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	1284	60	236	1574	51	32	9	18	80	3	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	82	1284	60	236	1574	51	32	9	18	80	3	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.86	0.14	1.00	2.90	0.10	0.78	0.22	1.00	0.96	0.04	1.00
Final Sat.:	1750	5350	250	1750	5424	176	1405	395	1750	1735	65	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.24	0.24	0.13	0.29	0.29	0.02	0.02	0.01	0.05	0.05	0.08
Crit Moves:		****		****								****
Green Time:	14.0	46.3	46.3	26.0	58.2	58.2	15.7	15.7	15.7	15.7	15.7	15.7
Volume/Cap:	0.33	0.52	0.52	0.52	0.50	0.50	0.14	0.14	0.07	0.29	0.29	0.52
Delay/Veh:	42.4	19.7	19.7	35.8	12.8	12.8	37.4	37.4	36.3	39.8	39.8	45.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.4	19.7	19.7	35.8	12.8	12.8	37.4	37.4	36.3	39.8	39.8	45.5
LOS by Move:	D	B-	B-	D+	B	B	D+	D+	D+	D	D	D
HCM2kAvgQ:	2	10	10	7	10	10	1	1	1	3	3	5

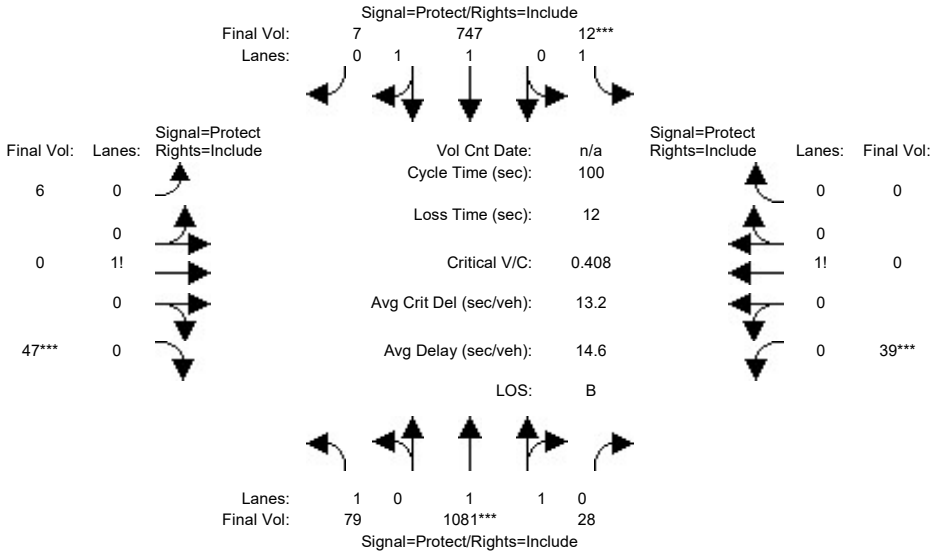
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	1047	28	12	741	7	6	0	47	39	0	0
Added Vol:	0	34	0	0	6	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	1081	28	12	747	7	6	0	47	39	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	1081	28	12	747	7	6	0	47	39	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	79	1081	28	12	747	7	6	0	47	39	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	79	1081	28	12	747	7	6	0	47	39	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.95	0.05	1.00	1.98	0.02	0.11	0.00	0.89	1.00	0.00	0.00
Final Sat.:	1750	3607	93	1750	3666	34	198	0	1552	1750	0	0
Capacity Analysis Module:												
Vol/Sat:	0.05	0.30	0.30	0.01	0.20	0.20	0.03	0.00	0.03	0.02	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	18.2	64.0	64.0	7.0	52.8	52.8	17.0	0.0	10.0	7.0	0.0	0.0
Volume/Cap:	0.25	0.47	0.47	0.10	0.39	0.39	0.18	0.00	0.30	0.32	0.00	0.00
Delay/Veh:	36.9	9.9	9.9	45.1	14.5	14.5	36.8	0.0	46.2	50.9	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.9	9.9	9.9	45.1	14.5	14.5	36.8	0.0	46.2	50.9	0.0	0.0
LOS by Move:	D+	A	A	D	B	B	D+	A	D	D	A	A
HCM2kAvgQ:	2	9	9	0	7	7	2	0	2	2	0	0

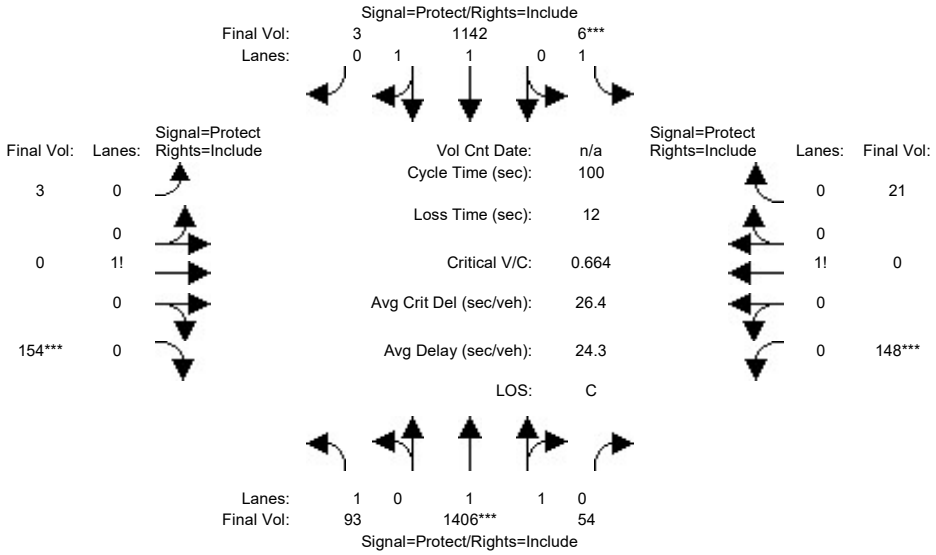
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	93	1401	54	6	1108	3	3	0	154	148	0	21
Added Vol:	0	5	0	0	34	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	93	1406	54	6	1142	3	3	0	154	148	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	93	1406	54	6	1142	3	3	0	154	148	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	93	1406	54	6	1142	3	3	0	154	148	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	93	1406	54	6	1142	3	3	0	154	148	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.92	0.08	1.00	1.99	0.01	0.02	0.00	0.98	0.88	0.00	0.12
Final Sat.:	1750	3563	137	1750	3690	10	33	0	1717	1533	0	217
Capacity Analysis Module:												
Vol/Sat:	0.05	0.39	0.39	0.00	0.31	0.31	0.09	0.00	0.09	0.10	0.00	0.10
Crit Moves:		****			****				****	****		
Green Time:	11.4	55.0	55.0	7.0	50.6	50.6	12.5	0.0	12.5	13.5	0.0	13.5
Volume/Cap:	0.46	0.72	0.72	0.05	0.61	0.61	0.72	0.00	0.72	0.72	0.00	0.72
Delay/Veh:	49.0	18.9	18.9	44.1	19.2	19.2	60.3	0.0	60.3	58.5	0.0	58.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.0	18.9	18.9	44.1	19.2	19.2	60.3	0.0	60.3	58.5	0.0	58.5
LOS by Move:	D	B-	B-	D	B-	B-	E	A	E	E+	A	E+
HCM2kAvgQ:	3	18	18	0	13	13	7	0	7	7	0	7

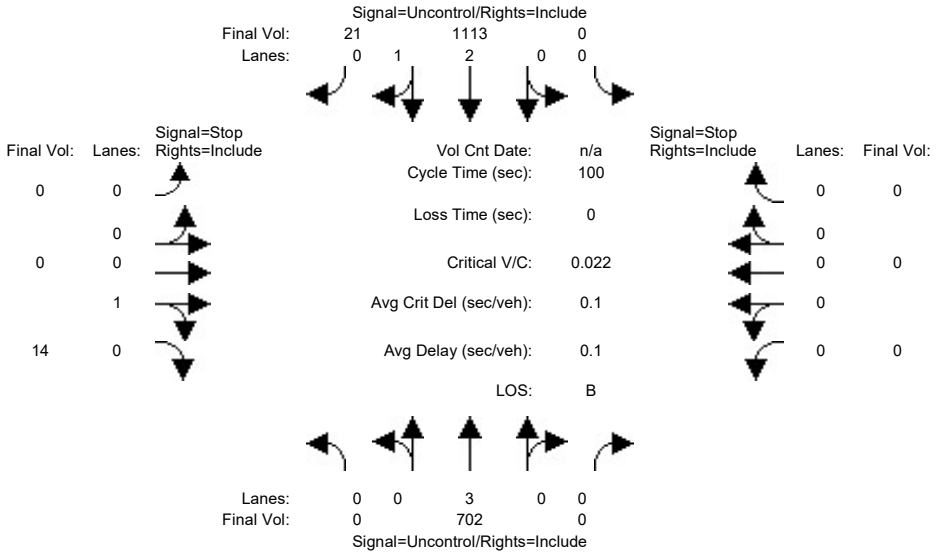
Note: Queue reported is the number of cars per lane.

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Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	697	0	0	1085	21	0	0	14	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	697	0	0	1085	21	0	0	14	0	0	0
Added Vol:	0	5	0	0	28	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	702	0	0	1113	21	0	0	14	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	702	0	0	1113	21	0	0	14	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	702	0	0	1113	21	0	0	14	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	382	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	622	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	622	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.02	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.9	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.9			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  702     0     0 1113    21     0    0    14     0    0     0
ApproachDel:    xxxxxx           xxxxxx            10.9           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1850]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  702     0     0 1113    21     0    0    14     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1836
Minor Approach Volume:           14
Minor Approach Volume Threshold: 76 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

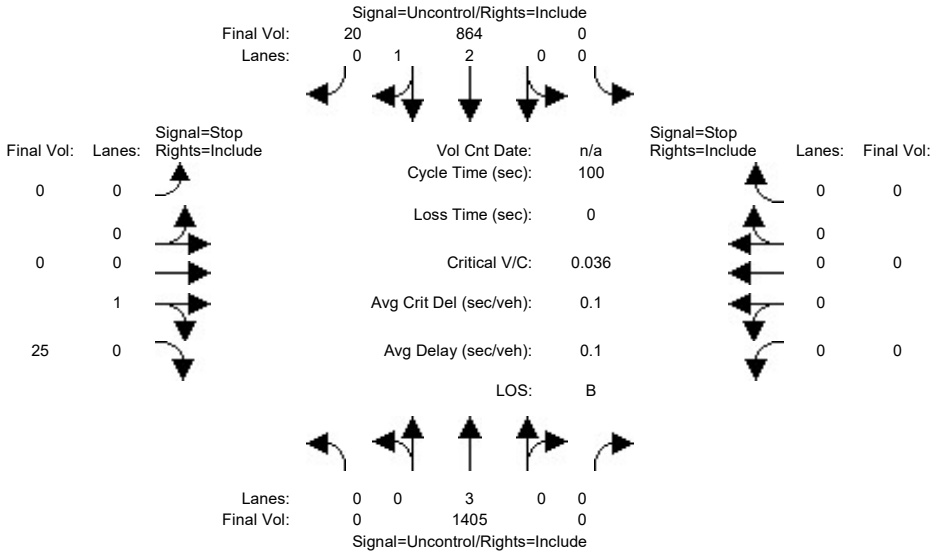
The peak hour warrant analysis in this report is not intended to replace
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jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	1369	0	0	859	20	0	0	25	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1369	0	0	859	20	0	0	25	0	0	0
Added Vol:	0	36	0	0	5	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1405	0	0	864	20	0	0	25	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1405	0	0	864	20	0	0	25	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	1405	0	0	864	20	0	0	25	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	298	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	704	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	704	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.04	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.3	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.3			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1405     0     0  864    20     0    0    25     0    0     0
ApproachDel:    xxxxxx           xxxxxx            10.3           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=25]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2314]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1405     0     0  864    20     0    0    25     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2289
Minor Approach Volume:           25
Minor Approach Volume Threshold: -0 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

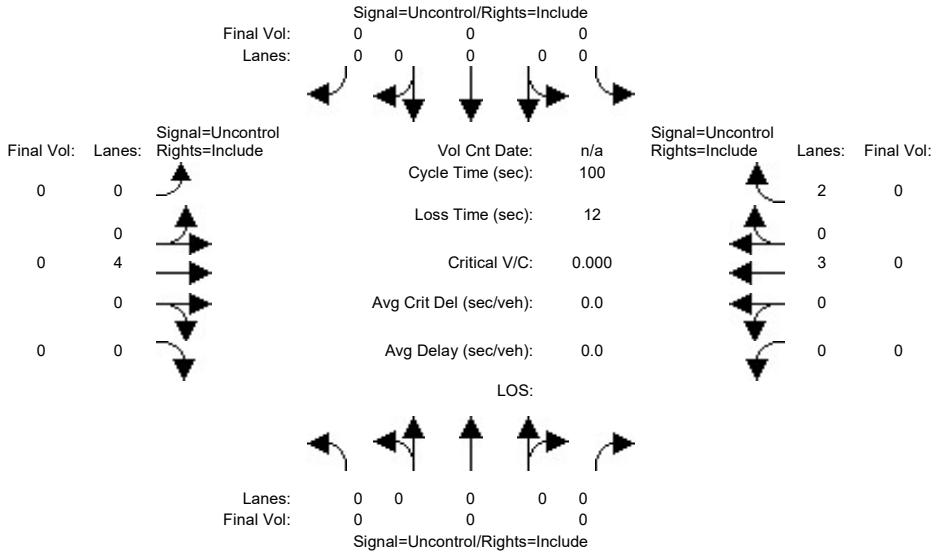
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - AM

Intersection #2500: 17/CAMDEN(N)



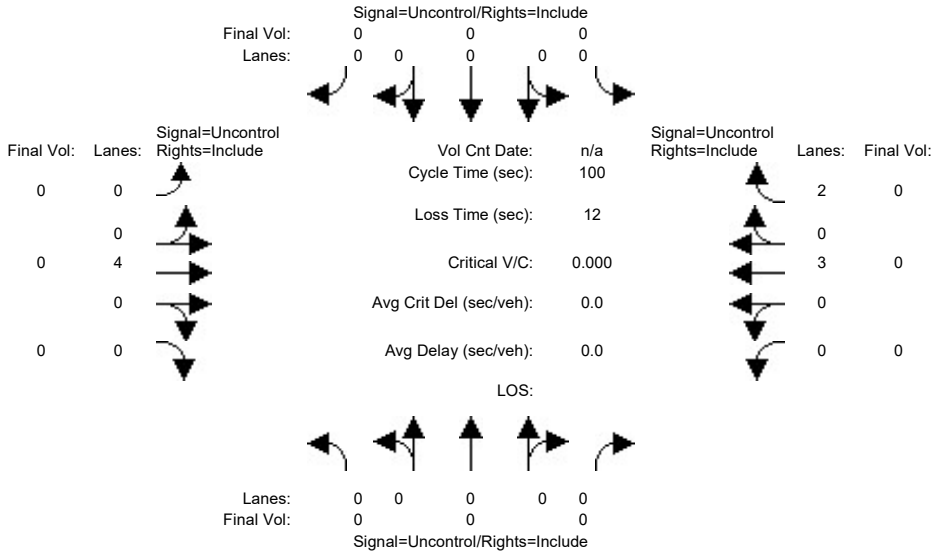
Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	2256	0	0	3667	646
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	2256	0	0	3667	646
Added Vol:	0	0	0	0	0	0	0	16	0	0	2	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FinalVolume:	0	0	0	0	0	0	0	0	0	0	0	0
Critical Gap Module: >> Population:0 << >> Run Speed(N/S): 30 MPH <<												
Critical Gp:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Module:												
Cnflict Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Potent Cap.:	0	0	0	0	0	0	0	0	0	0	0	0
Level Of Service Module:												
LOS by Move:												
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	0	0	0	0	0	0	0	0	0	0	0	0

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GOOD SAMARITAN HOSPITAL
Background Conditions + 419 Beds

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project (419) Conditions - PM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	3666	0	0	1828	348
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	3666	0	0	1828	348
Added Vol:	0	0	0	0	0	0	0	3	0	0	13	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FinalVolume:	0	0	0	0	0	0	0	0	0	0	0	0
Critical Gap Module: >> Population:0 << >> Run Speed(N/S): 30 MPH <<												
Critical Gp:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Module:												
Cnflict Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Potent Cap.:	0	0	0	0	0	0	0	0	0	0	0	0
Level Of Service Module:												
LOS by Move:												
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	0	0	0	0	0	0	0	0	0	0	0	0

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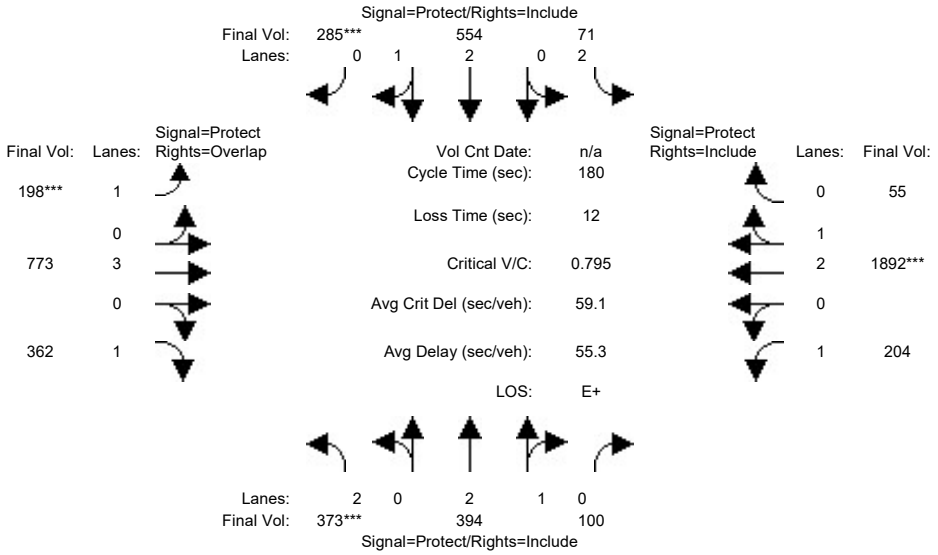
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Appendix G – Traffix Intersection Operations Analysis – Background Plus Project (Phase 3) Conditions

GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: 07:45 AM - 08:45 AM												
Base Vol:	365	389	100	71	529	285	198	773	322	204	1892	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	389	100	71	529	285	198	773	322	204	1892	55
Added Vol:	8	5	0	0	25	0	0	0	40	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	373	394	100	71	554	285	198	773	362	204	1892	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	373	394	100	71	554	285	198	773	362	204	1892	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	373	394	100	71	554	285	198	773	362	204	1892	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	373	394	100	71	554	285	198	773	362	204	1892	55
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	2.00	2.37	0.63	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.91	0.09
Final Sat.:	3150	4465	1133	3150	3800	1750	1750	5700	1750	1750	5442	158
Capacity Analysis Module:												
Vol/Sat:	0.12	0.09	0.09	0.02	0.15	0.16	0.11	0.14	0.21	0.12	0.35	0.35
Crit Moves:	****					****	****				****	
Green Time:	26.8	44.2	44.2	19.5	36.9	36.9	25.6	56.1	82.9	48.2	78.7	78.7
Volume/Cap:	0.80	0.36	0.36	0.21	0.71	0.80	0.80	0.44	0.45	0.44	0.80	0.80
Delay/Veh:	83.1	56.3	56.3	73.5	68.7	72.2	90.7	49.5	33.4	55.2	45.6	45.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.1	56.3	56.3	73.5	68.7	72.2	90.7	49.5	33.4	55.2	45.6	45.6
LOS by Move:	F	E+	E+	E	E	E	F	D	C-	E+	D	D
HCM2kAvgQ:	12	7	7	2	15	18	12	11	14	10	32	32

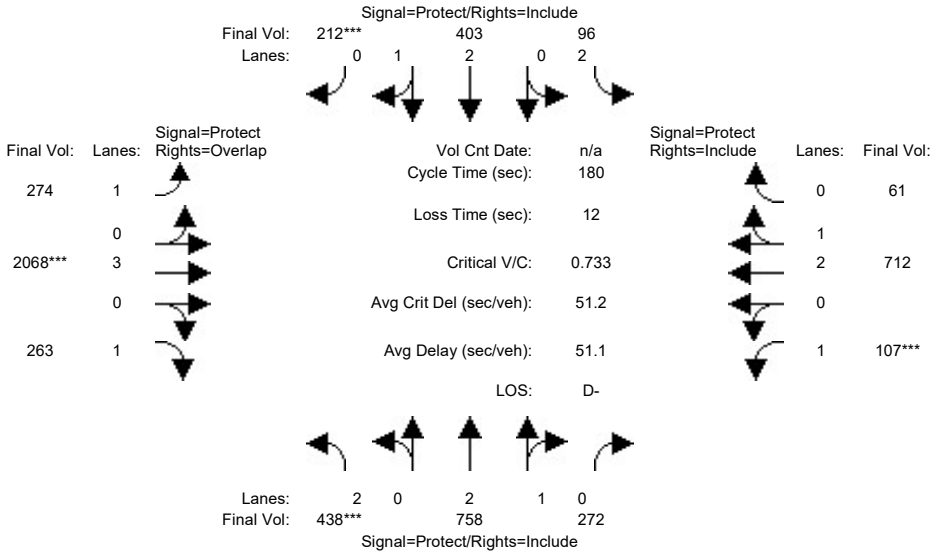
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:45-5:45												
Base Vol:	393	720	272	96	394	212	274	2068	253	107	712	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	393	720	272	96	394	212	274	2068	253	107	712	61
Added Vol:	45	38	0	0	9	0	0	0	10	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	438	758	272	96	403	212	274	2068	263	107	712	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	438	758	272	96	403	212	274	2068	263	107	712	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	438	758	272	96	403	212	274	2068	263	107	712	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	438	758	272	96	403	212	274	2068	263	107	712	61
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.18	0.82	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.75	0.25
Final Sat.:	3150	4119	1478	3150	3800	1750	1750	5700	1750	1750	5158	442
Capacity Analysis Module:												
Vol/Sat:	0.14	0.18	0.18	0.03	0.11	0.12	0.16	0.36	0.15	0.06	0.14	0.14
Crit Moves:	****					****		****		****		
Green Time:	34.1	52.7	52.7	11.1	29.7	29.7	55.3	89.1	123.2	15.0	48.8	48.8
Volume/Cap:	0.73	0.63	0.63	0.49	0.64	0.73	0.51	0.73	0.22	0.73	0.51	0.51
Delay/Veh:	73.3	55.9	55.9	83.6	71.6	74.7	52.0	37.0	10.6	97.9	55.8	55.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.3	55.9	55.9	83.6	71.6	74.7	52.0	37.0	10.6	97.9	55.8	55.8
LOS by Move:	E	E+	E+	F	E	E	D-	D+	B+	F	E+	E+
HCM2kAvgQ:	14	16	16	4	11	13	13	28	5	8	12	12

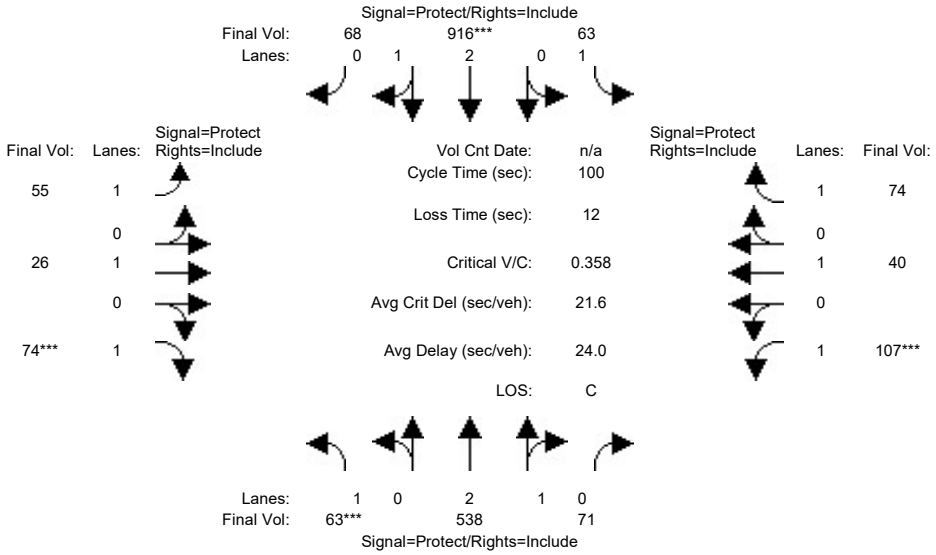
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	63	525	70	63	851	68	55	26	74	103	40	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	525	70	63	851	68	55	26	74	103	40	74
Added Vol:	0	13	1	0	65	0	0	0	0	4	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	538	71	63	916	68	55	26	74	107	40	74
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	538	71	63	916	68	55	26	74	107	40	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	538	71	63	916	68	55	26	74	107	40	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	538	71	63	916	68	55	26	74	107	40	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.64	0.36	1.00	2.79	0.21	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	4946	653	1750	5212	387	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.11	0.11	0.04	0.18	0.18	0.03	0.01	0.04	0.06	0.02	0.04
Crit Moves:	****				****				****	****		
Green Time:	10.1	36.0	36.0	23.1	49.1	49.1	11.9	11.8	11.8	17.1	17.0	17.0
Volume/Cap:	0.36	0.30	0.30	0.16	0.36	0.36	0.26	0.12	0.36	0.36	0.12	0.25
Delay/Veh:	47.6	23.4	23.4	31.4	16.1	16.1	43.2	40.5	45.4	39.9	36.0	38.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.6	23.4	23.4	31.4	16.1	16.1	43.2	40.5	45.4	39.9	36.0	38.0
LOS by Move:	D	C	C	C	B	B	D	D	D	D	D+	D+
HCM2kAvgQ:	2	5	5	2	6	6	2	1	3	3	1	2

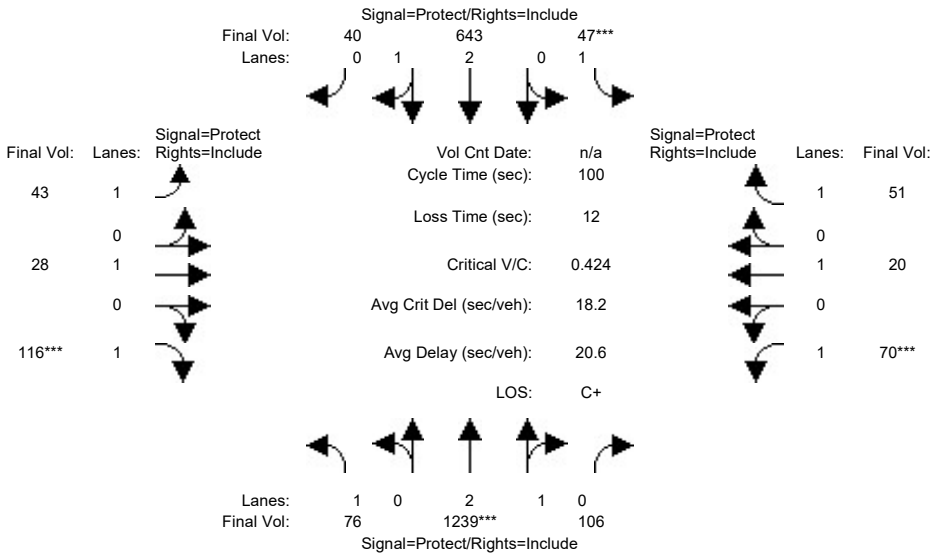
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	76	1156	102	47	624	40	43	28	116	69	20	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	1156	102	47	624	40	43	28	116	69	20	51
Added Vol:	0	83	4	0	19	0	0	0	0	1	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	1239	106	47	643	40	43	28	116	70	20	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	1239	106	47	643	40	43	28	116	70	20	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	1239	106	47	643	40	43	28	116	70	20	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	1239	106	47	643	40	43	28	116	70	20	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.75	0.25	1.00	2.82	0.18	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5158	441	1750	5272	328	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.24	0.24	0.03	0.12	0.12	0.02	0.01	0.07	0.04	0.01	0.03
Crit Moves:		****		****					****	****		
Green Time:	23.0	56.2	56.2	7.0	40.1	40.1	10.2	15.5	15.5	9.4	14.6	14.6
Volume/Cap:	0.19	0.43	0.43	0.38	0.30	0.30	0.24	0.10	0.43	0.43	0.07	0.20
Delay/Veh:	32.0	13.1	13.1	53.3	20.8	20.8	44.5	36.9	43.1	50.8	37.3	39.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.0	13.1	13.1	53.3	20.8	20.8	44.5	36.9	43.1	50.8	37.3	39.3
LOS by Move:	C-	B	B	D-	C+	C+	D	D+	D	D	D+	D
HCM2kAvgQ:	2	8	8	1	5	5	2	1	4	3	1	2

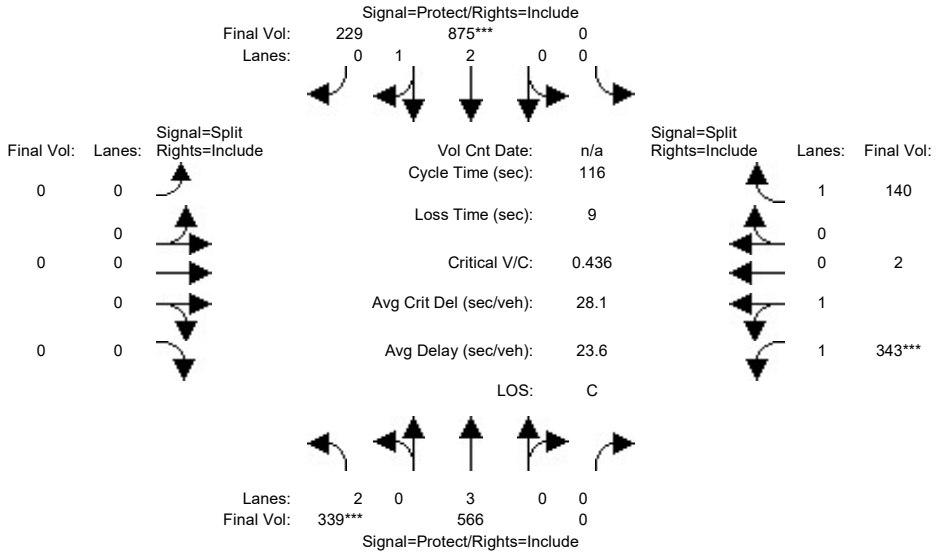
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: 07:55 AM - 08:55 AM												
Base Vol:	324	552	0	0	806	229	0	0	0	330	2	140
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	324	552	0	0	806	229	0	0	0	330	2	140
Added Vol:	15	14	0	0	69	0	0	0	0	13	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	339	566	0	0	875	229	0	0	0	343	2	140
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	339	566	0	0	875	229	0	0	0	343	2	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	339	566	0	0	875	229	0	0	0	343	2	140
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	339	566	0	0	875	229	0	0	0	343	2	140
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.35	0.65	0.00	0.00	0.00	1.99	0.01	1.00
Final Sat.:	3150	5700	0	0	4437	1161	0	0	0	3529	21	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.10	0.00	0.00	0.20	0.20	0.00	0.00	0.00	0.10	0.10	0.08
Crit Moves:	****				****					****		
Green Time:	28.6	81.1	0.0	0.0	52.5	52.5	0.0	0.0	0.0	25.9	25.9	25.9
Volume/Cap:	0.44	0.14	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.44	0.44	0.36
Delay/Veh:	37.3	5.8	0.0	0.0	21.8	21.8	0.0	0.0	0.0	39.2	39.2	38.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.3	5.8	0.0	0.0	21.8	21.8	0.0	0.0	0.0	39.2	39.2	38.6
LOS by Move:	D+	A	A	A	C+	C+	A	A	A	D	D	D+
HCM2kAvgQ:	6	2	0	0	9	9	0	0	0	6	6	5

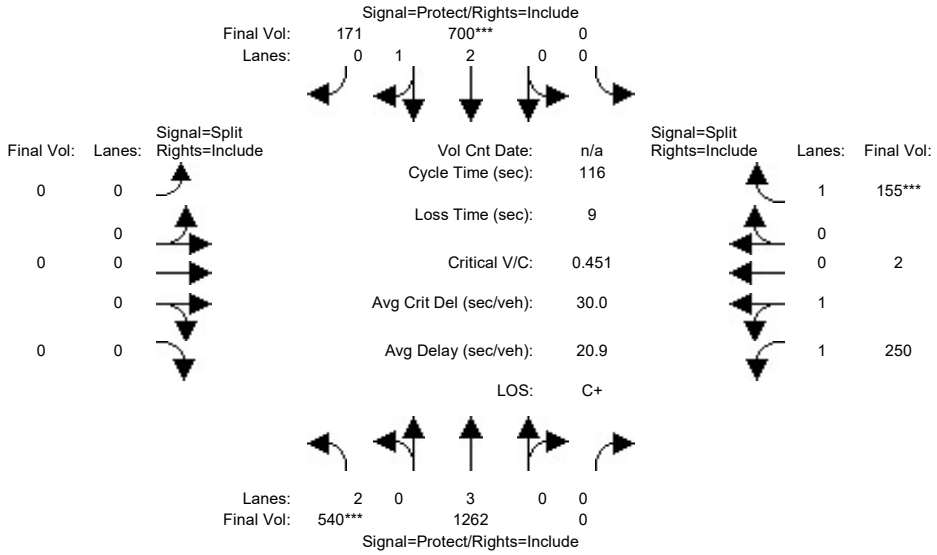
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:00-5:00												
Base Vol:	476	1174	0	0	680	171	0	0	0	247	2	155
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	476	1174	0	0	680	171	0	0	0	247	2	155
Added Vol:	64	88	0	0	20	0	0	0	0	3	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	540	1262	0	0	700	171	0	0	0	250	2	155
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	540	1262	0	0	700	171	0	0	0	250	2	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	540	1262	0	0	700	171	0	0	0	250	2	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	540	1262	0	0	700	171	0	0	0	250	2	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.39	0.61	0.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	3150	5700	0	0	4499	1099	0	0	0	3522	28	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.22	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.07	0.07	0.09
Crit Moves:	****				****							****
Green Time:	44.1	84.2	0.0	0.0	40.1	40.1	0.0	0.0	0.0	22.8	22.8	22.8
Volume/Cap:	0.45	0.31	0.00	0.00	0.45	0.45	0.00	0.00	0.00	0.36	0.36	0.45
Delay/Veh:	27.1	5.6	0.0	0.0	29.6	29.6	0.0	0.0	0.0	40.6	40.6	42.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.1	5.6	0.0	0.0	29.6	29.6	0.0	0.0	0.0	40.6	40.6	42.0
LOS by Move:	C	A	A	A	C	C	A	A	A	D	D	D
HCM2kAvgQ:	8	5	0	0	8	8	0	0	0	4	4	6

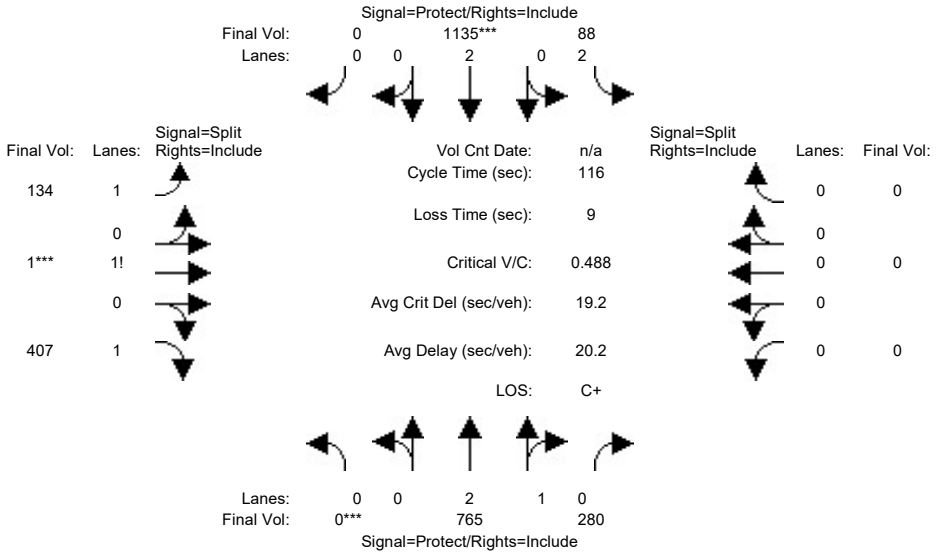
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:07:55 AM - 08:55 AM												
Base Vol:	0	736	277	88	1052	0	134	1	330	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	736	277	88	1052	0	134	1	330	0	0	0
Added Vol:	0	29	3	0	83	0	0	0	77	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	765	280	88	1135	0	134	1	407	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	765	280	88	1135	0	134	1	407	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	765	280	88	1135	0	134	1	407	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	765	280	88	1135	0	134	1	407	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.17	0.83	2.00	2.00	0.00	1.25	0.01	1.74	0.00	0.00	0.00
Final Sat.:	0	4098	1500	3150	3800	0	2191	7	3140	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.19	0.03	0.30	0.00	0.06	0.15	0.13	0.00	0.00	0.00
Crit Moves:	****				****			****				
Green Time:	0.0	53.6	53.6	17.3	70.9	0.0	36.1	36.1	36.1	0.0	0.0	0.0
Volume/Cap:	0.00	0.40	0.40	0.19	0.49	0.00	0.20	0.49	0.42	0.00	0.00	0.00
Delay/Veh:	0.0	20.7	20.7	43.4	12.6	0.0	29.4	32.8	31.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.7	20.7	43.4	12.6	0.0	29.4	32.8	31.9	0.0	0.0	0.0
LOS by Move:	A	C+	C+	D	B	A	C	C-	C	A	A	A
HCM2kAvgQ:	0	8	8	2	11	0	3	8	7	0	0	0

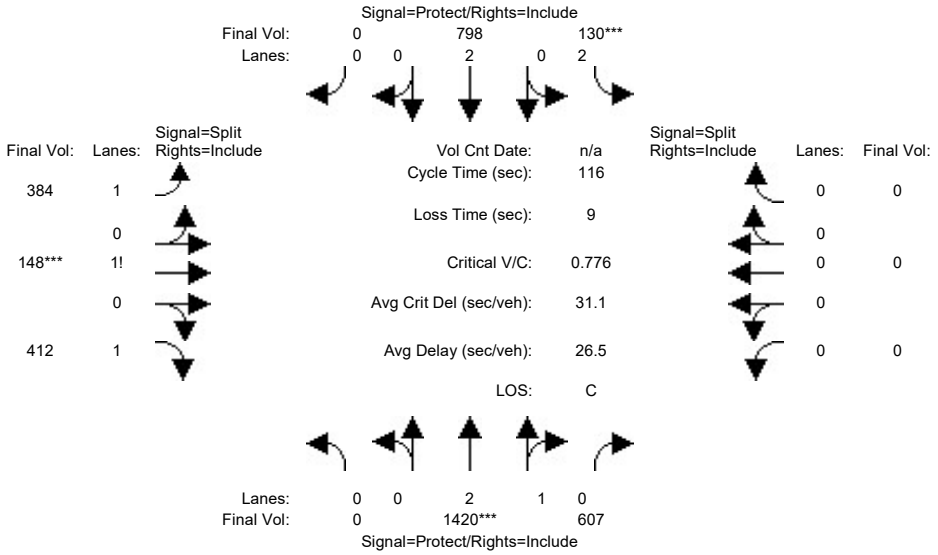
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:30-5:35												
Base Vol:	0	1268	593	130	775	0	384	148	397	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1268	593	130	775	0	384	148	397	0	0	0
Added Vol:	0	152	14	0	23	0	0	0	15	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1420	607	130	798	0	384	148	412	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1420	607	130	798	0	384	148	412	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1420	607	130	798	0	384	148	412	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1420	607	130	798	0	384	148	412	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	0.00	2.07	0.93	2.00	2.00	0.00	1.35	0.27	1.38	0.00	0.00	0.00
Final Sat.:	0	3921	1676	3150	3800	0	2365	474	2410	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.36	0.36	0.04	0.21	0.00	0.16	0.31	0.17	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	53.7	53.7	7.0	60.7	0.0	46.3	46.3	46.3	0.0	0.0	0.0
Volume/Cap:	0.00	0.78	0.78	0.68	0.40	0.00	0.41	0.78	0.43	0.00	0.00	0.00
Delay/Veh:	0.0	27.8	27.8	63.3	16.8	0.0	25.1	33.8	25.4	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.8	27.8	63.3	16.8	0.0	25.1	33.8	25.4	0.0	0.0	0.0
LOS by Move:	A	C	C	E	B	A	C	C-	C	A	A	A
HCM2kAvgQ:	0	19	19	3	8	0	8	20	8	0	0	0

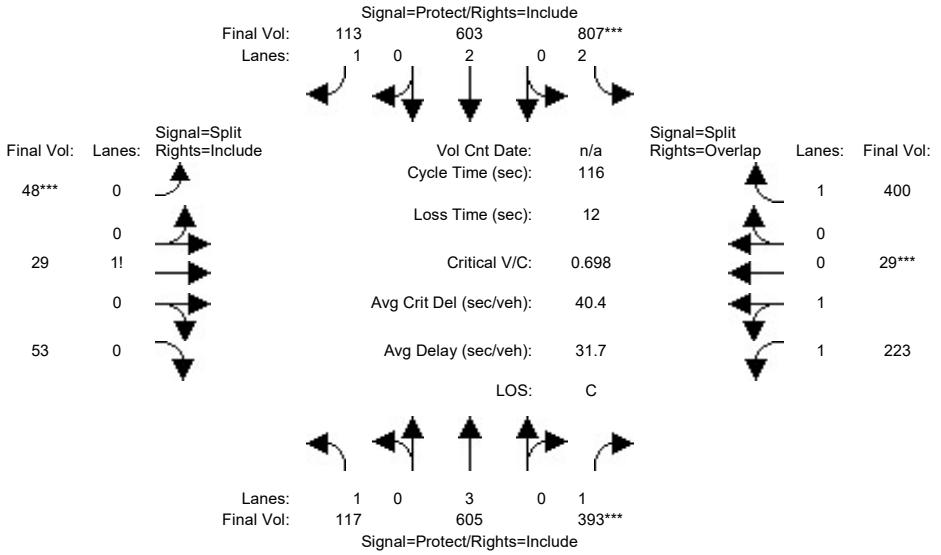
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:55-8:55												
Base Vol:	117	605	309	647	603	113	48	29	53	207	29	369
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	605	309	647	603	113	48	29	53	207	29	369
Added Vol:	0	0	84	160	0	0	0	0	0	16	0	31
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	605	393	807	603	113	48	29	53	223	29	400
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	605	393	807	603	113	48	29	53	223	29	400
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	605	393	807	603	113	48	29	53	223	29	400
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	605	393	807	603	113	48	29	53	223	29	400
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.37	0.22	0.41	1.77	0.23	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	646	390	713	3141	409	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.22	0.26	0.16	0.06	0.07	0.07	0.07	0.07	0.07	0.23
Crit Moves:			****	****			****				****	
Green Time:	23.7	37.3	37.3	42.6	56.2	56.2	12.3	12.3	12.3	11.8	11.8	54.4
Volume/Cap:	0.33	0.33	0.70	0.70	0.33	0.13	0.70	0.70	0.70	0.70	0.70	0.49
Delay/Veh:	39.9	30.0	38.3	33.2	18.4	16.6	61.1	61.1	61.1	56.3	56.3	21.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.9	30.0	38.3	33.2	18.4	16.6	61.1	61.1	61.1	56.3	56.3	21.7
LOS by Move:	D	C	D+	C-	B-	B	E	E	E	E+	E+	C+
HCM2kAvgQ:	4	5	13	15	6	2	6	6	6	5	5	10

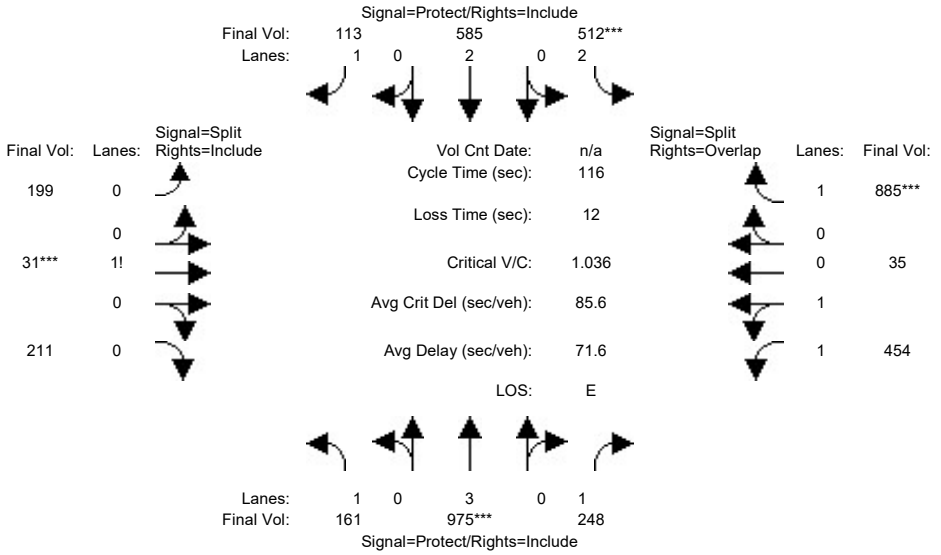
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:30-5:30												
Base Vol:	161	975	229	475	585	113	199	31	211	370	35	719
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	161	975	229	475	585	113	199	31	211	370	35	719
Added Vol:	0	0	19	37	0	0	0	0	0	84	0	166
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	161	975	248	512	585	113	199	31	211	454	35	885
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	161	975	248	512	585	113	199	31	211	454	35	885
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	975	248	512	585	113	199	31	211	454	35	885
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	161	975	248	512	585	113	199	31	211	454	35	885
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.45	0.07	0.48	1.86	0.14	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	790	123	837	3296	254	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.17	0.14	0.16	0.15	0.06	0.25	0.25	0.25	0.14	0.14	0.51
Crit Moves:		****		****				****				****
Green Time:	14.0	19.2	19.2	18.2	23.4	23.4	28.2	28.2	28.2	38.4	38.4	56.6
Volume/Cap:	0.76	1.04	0.86	1.04	0.76	0.32	1.04	1.04	1.04	0.42	0.42	1.04
Delay/Veh:	64.6	87.4	68.9	99.0	48.3	40.1	97.1	97.1	97.1	30.3	30.3	70.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	64.6	87.4	68.9	99.0	48.3	40.1	97.1	97.1	97.1	30.3	30.3	70.1
LOS by Move:	E	F	E	F	D	D	F	F	F	C	C	E
HCM2kAvgQ:	6	14	10	14	10	4	24	24	24	7	7	42

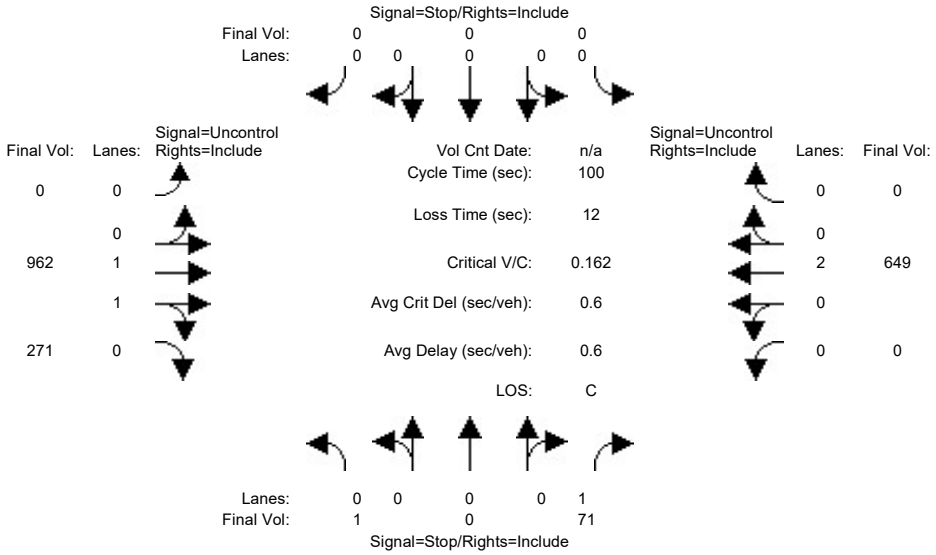
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	1	0	71	0	0	0	0	718	271	0	601	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	0	71	0	0	0	0	718	271	0	601	0
Added Vol:	0	0	0	0	0	0	0	244	0	0	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	0	71	0	0	0	0	962	271	0	649	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1	0	71	0	0	0	0	962	271	0	649	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	1	0	71	0	0	0	0	962	271	0	649	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1422	1747	617	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	129	87	438	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	129	87	438	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.01	0.00	0.16	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	424	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.6	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	15.2	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	*	*	*
ApproachDel:		15.2			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		C			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1!	0	0	0 0	0	0	0 0	1	1 0	0 0	2	0 0
Initial Vol:	1	0	71	0	0	0	0	962	271	0	649	0
ApproachDel:	15.2			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.3]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=72]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1954]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1!	0	0	0 0	0	0	0 0	1	1 0	0 0	2	0 0
Initial Vol:	1	0	71	0	0	0	0	962	271	0	649	0

Major Street Volume: 1882
Minor Approach Volume: 72
Minor Approach Volume Threshold: 67 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

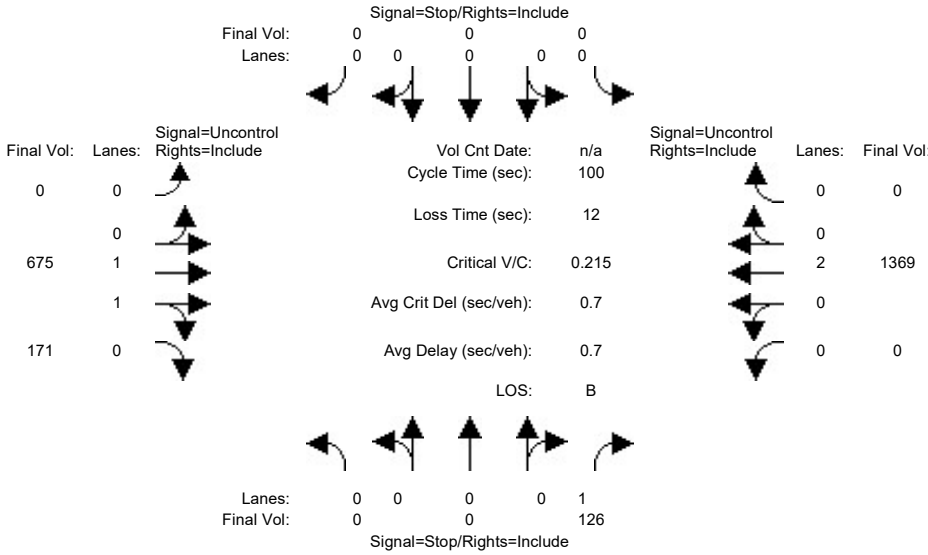
The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	126	0	0	0	0	619	171	0	1119	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	126	0	0	0	0	619	171	0	1119	0
Added Vol:	0	0	0	0	0	0	0	56	0	0	250	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	126	0	0	0	0	675	171	0	1369	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	126	0	0	0	0	675	171	0	1369	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	126	0	0	0	0	675	171	0	1369	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	423	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	585	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	585	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.22	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	0.8	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	12.8	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	12.8			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  1  1  0    0  0  2  0  0
Initial Vol:    0    0   126     0    0     0     0  675   171     0 1369     0
ApproachDel:      12.8           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=126]
   SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2341]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #6 SAMARITAN/NATIONAL
********************************************************************************
Future Volume Alternative: Peak Hour Warrant Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  1  1  0    0  0  2  0  0
Initial Vol:    0    0   126     0    0     0     0  675   171     0 1369     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2215
Minor Approach Volume:           126
Minor Approach Volume Threshold: 11 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

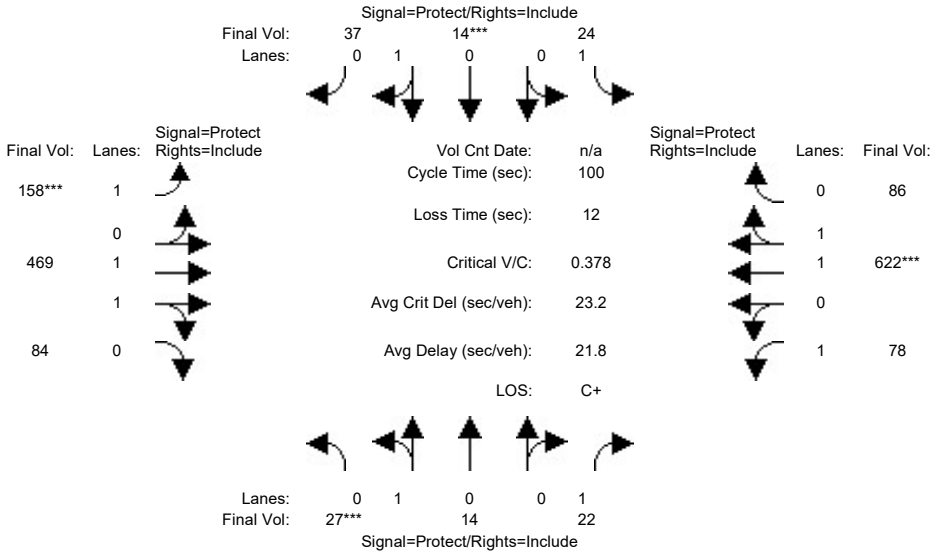
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	27	14	22	24	14	37	158	225	84	78	574	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	14	22	24	14	37	158	225	84	78	574	86
Added Vol:	0	0	0	0	0	0	0	244	0	0	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	14	22	24	14	37	158	469	84	78	622	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	14	22	24	14	37	158	469	84	78	622	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	14	22	24	14	37	158	469	84	78	622	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	14	22	24	14	37	158	469	84	78	622	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.66	0.34	1.00	1.00	0.27	0.73	1.00	1.69	0.31	1.00	1.75	0.25
Final Sat.:	1185	615	1750	1750	494	1306	1750	3138	562	1750	3250	449
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.01	0.03	0.03	0.09	0.15	0.15	0.04	0.19	0.19
Crit Moves:	****				****		****				****	
Green Time:	7.0	10.0	10.0	7.0	10.0	10.0	22.8	48.4	48.4	22.6	48.2	48.2
Volume/Cap:	0.33	0.23	0.13	0.20	0.28	0.28	0.40	0.31	0.31	0.20	0.40	0.40
Delay/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	35.7	16.1	16.1	32.4	17.2	17.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	35.7	16.1	16.1	32.4	17.2	17.2
LOS by Move:	D	D	D	D	D	D	D+	B	B	C-	B	B
HCM2kAvgQ:	2	1	1	1	2	2	4	5	5	2	7	7

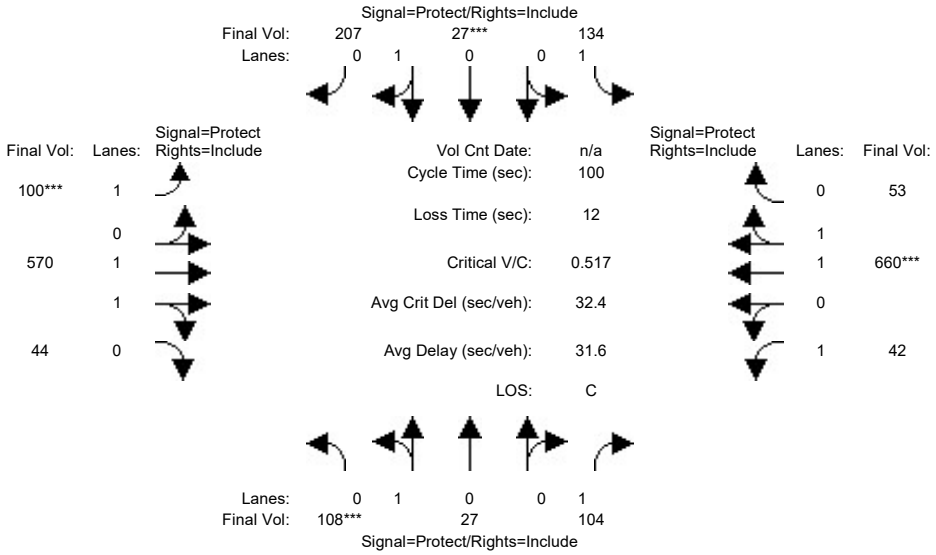
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	27	104	134	27	207	100	514	44	42	410	53
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	27	104	134	27	207	100	514	44	42	410	53
Added Vol:	0	0	0	0	0	0	0	56	0	0	250	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	27	104	134	27	207	100	570	44	42	660	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	27	104	134	27	207	100	570	44	42	660	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	27	104	134	27	207	100	570	44	42	660	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	27	104	134	27	207	100	570	44	42	660	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.80	0.20	1.00	1.00	0.12	0.88	1.00	1.85	0.15	1.00	1.85	0.15
Final Sat.:	1440	360	1750	1750	208	1592	1750	3435	265	1750	3425	275
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.06	0.08	0.13	0.13	0.06	0.17	0.17	0.02	0.19	0.19
Crit Moves:	****				****		****				****	
Green Time:	14.5	22.5	22.5	17.2	25.2	25.2	11.1	34.0	34.0	14.3	37.3	37.3
Volume/Cap:	0.52	0.33	0.26	0.45	0.52	0.52	0.52	0.49	0.49	0.17	0.52	0.52
Delay/Veh:	46.6	34.7	33.6	41.8	36.4	36.4	51.5	27.5	27.5	39.0	25.7	25.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.6	34.7	33.6	41.8	36.4	36.4	51.5	27.5	27.5	39.0	25.7	25.7
LOS by Move:	D	C-	C-	D	D+	D+	D-	C	C	D	C	C
HCM2kAvgQ:	5	4	3	4	7	7	3	7	7	1	9	9

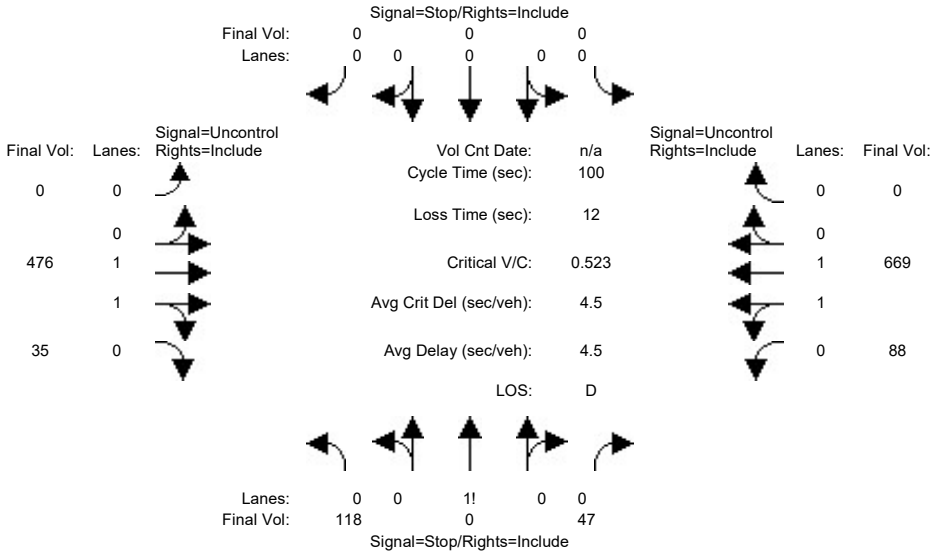
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	118	0	43	0	0	0	0	232	35	87	621	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	0	43	0	0	0	0	232	35	87	621	0
Added Vol:	0	0	4	0	0	0	0	244	0	1	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	0	47	0	0	0	0	476	35	88	669	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	118	0	47	0	0	0	0	476	35	88	669	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	118	0	47	0	0	0	0	476	35	88	669	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1004	1339	256	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	511	xxxx	xxxxx
Potent Cap.:	242	154	750	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1065	xxxx	xxxxx
Move Cap.:	226	141	750	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1065	xxxx	xxxxx
Volume/Cap:	0.52	0.00	0.06	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.08	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.3	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.7	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	282	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	3.4	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.3	xxxx	xxxxx
Shrd ConDel:	xxxxx	34.3	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.7	xxxx	xxxxx
Shared LOS:	*	D	*	*	*	*	*	*	*	A	*	*
ApproachDel:		34.3		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		D		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	47	0	0	0	0	476	35	88	669	0
ApproachDel:	34.3			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=1.6]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=165]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1433]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	47	0	0	0	0	476	35	88	669	0

Major Street Volume: 1268
Minor Approach Volume: 165
Minor Approach Volume Threshold: 203

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

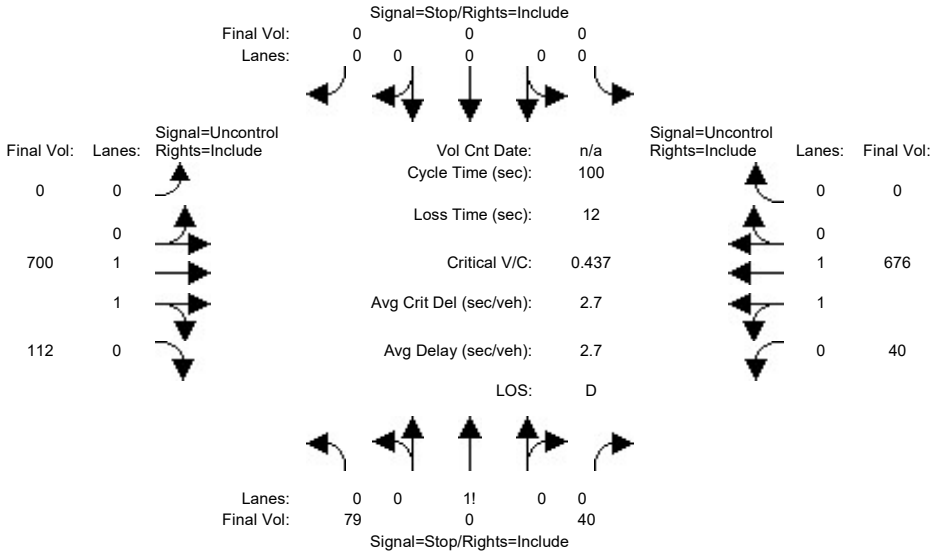
The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	79	0	39	0	0	0	0	644	112	36	426	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	0	39	0	0	0	0	644	112	36	426	0
Added Vol:	0	0	1	0	0	0	0	56	0	4	250	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	0	40	0	0	0	0	700	112	40	676	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	0	40	0	0	0	0	700	112	40	676	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	79	0	40	0	0	0	0	700	112	40	676	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1174	1512	406	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	812	xxxx	xxxxx
Potent Cap.:	188	121	600	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	823	xxxx	xxxxx
Move Cap.:	181	115	600	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	823	xxxx	xxxxx
Volume/Cap:	0.44	0.00	0.07	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.05	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.6	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT - LTR		RT	LT - LTR		RT	LT - LTR		RT	LT - LTR		RT
Shared Cap.:	xxxx	236	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	2.6	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Shrd ConDel:	xxxxx	34.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.6	xxxx	xxxxx
Shared LOS:	*	D	*	*	*	*	*	*	*	A	*	*
ApproachDel:		34.8		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		D		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  1! 0  0    0  0  0  0  0    0  0  1  1  0    0  1  1  0  0
Initial Vol:   79    0    40     0    0     0     0  700   112    40  676     0
ApproachDel:      34.8           xxxxxx          xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=1.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=119]
   SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1647]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #8 SAMARITAN/KINGHURST
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  1! 0  0    0  0  0  0  0    0  0  1  1  0    0  1  1  0  0
Initial Vol:   79    0    40     0    0     0     0  700   112    40  676     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1528
Minor Approach Volume:           119
Minor Approach Volume Threshold: 139
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

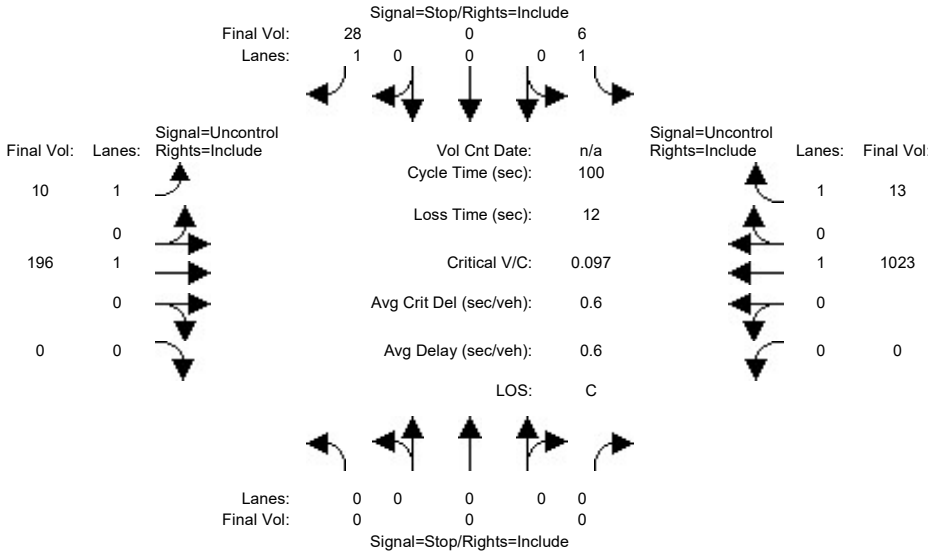
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	21	10	164	0	0	862	13
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	21	10	164	0	0	862	13
Added Vol:	0	0	0	0	0	7	0	32	0	0	161	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	28	10	196	0	0	1023	13
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	28	10	196	0	0	1023	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	28	10	196	0	0	1023	13
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1239	xxxx	1023	1036	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	196	xxxx	289	679	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	193	xxxx	289	679	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.03	xxxx	0.10	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.3	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	24.2	xxxx	18.8	10.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	C	B	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			19.8			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	28	10	196	0	0	1023	13
ApproachDel:	xxxxxx			19.8			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.2]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=34]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1276]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	28	10	196	0	0	1023	13

Major Street Volume: 1242
Minor Approach Volume: 34
Minor Approach Volume Threshold: 281

SIGNAL WARRANT DISCLAIMER
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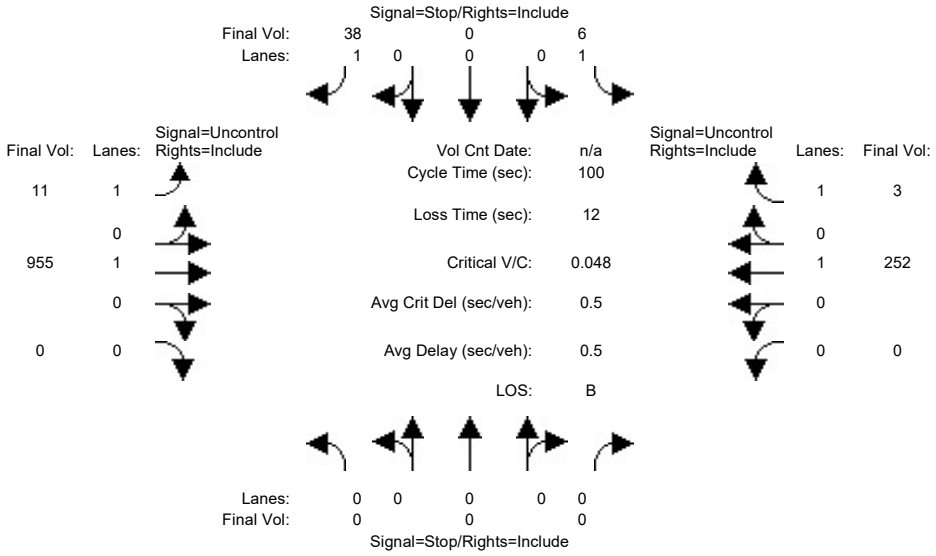
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	7	11	788	0	0	214	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	7	11	788	0	0	214	3
Added Vol:	0	0	0	0	0	31	0	167	0	0	38	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	38	11	955	0	0	252	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	38	11	955	0	0	252	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	38	11	955	0	0	252	3
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1229	xxxx	252	255	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	198	xxxx	792	1322	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	197	xxxx	792	1322	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.03	xxxx	0.05	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.2	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	23.8	xxxx	9.8	7.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	A	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			11.7			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	38	11	955	0	0	252	3
ApproachDel:	xxxxxx			11.7			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=44]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1265]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	38	11	955	0	0	252	3

Major Street Volume: 1221
Minor Approach Volume: 44
Minor Approach Volume Threshold: 288

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

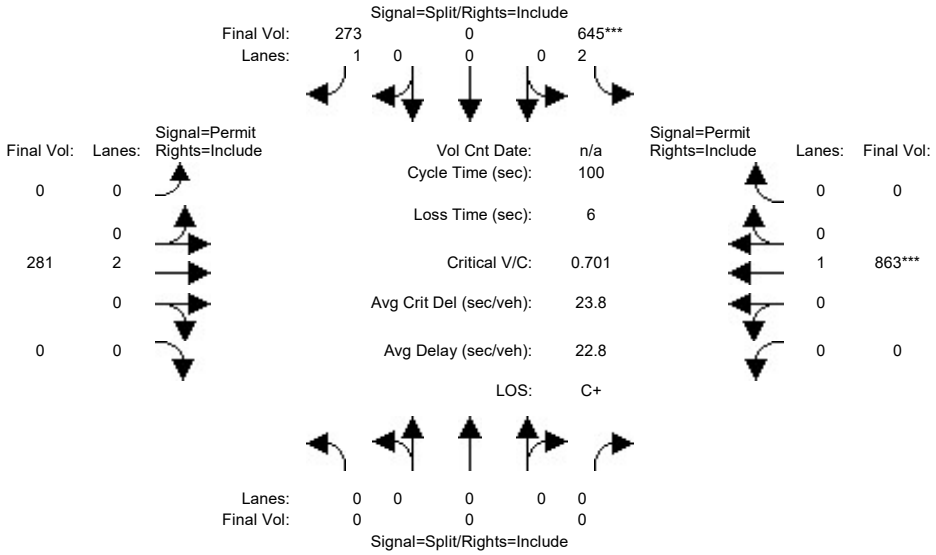
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	0	0	0	645	0	254	0	250	0	0	725	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	645	0	254	0	250	0	0	725	0
Added Vol:	0	0	0	0	0	19	0	31	0	0	138	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	645	0	273	0	281	0	0	863	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	645	0	273	0	281	0	0	863	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	645	0	273	0	281	0	0	863	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	645	0	273	0	281	0	0	863	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.20	0.00	0.16	0.00	0.07	0.00	0.00	0.45	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	29.2	0.0	29.2	0.0	64.8	0.0	0.0	64.8	0.0
Volume/Cap:	0.00	0.00	0.00	0.70	0.00	0.53	0.00	0.11	0.00	0.00	0.70	0.00
Delay/Veh:	0.0	0.0	0.0	35.9	0.0	33.7	0.0	6.8	0.0	0.0	14.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.9	0.0	33.7	0.0	6.8	0.0	0.0	14.7	0.0
LOS by Move:	A	A	A	D+	A	C-	A	A	A	A	B	A
HCM2kAvgQ:	0	0	0	12	0	8	0	2	0	0	19	0

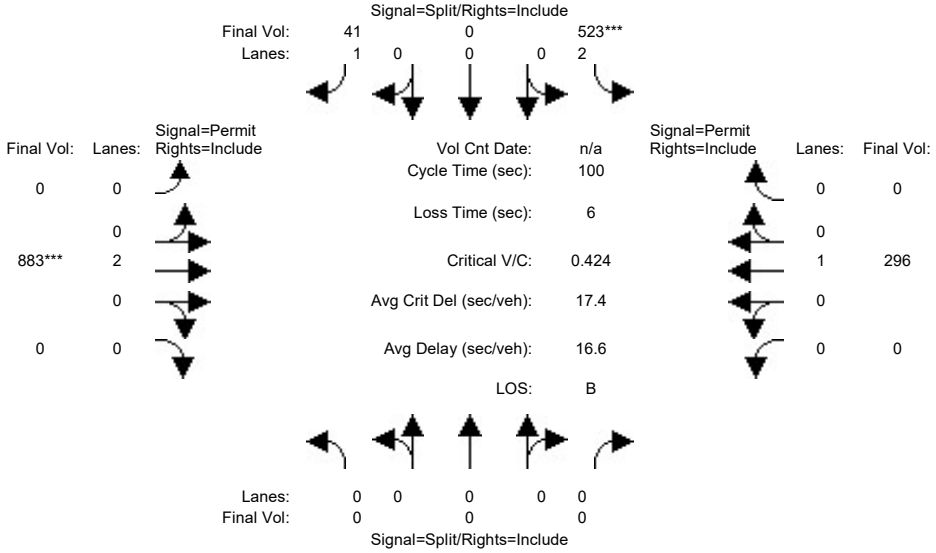
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:45-5:45												
Base Vol:	0	0	0	523	0	37	0	720	0	0	263	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	523	0	37	0	720	0	0	263	0
Added Vol:	0	0	0	0	0	4	0	163	0	0	33	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	523	0	41	0	883	0	0	296	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	523	0	41	0	883	0	0	296	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	523	0	41	0	883	0	0	296	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	523	0	41	0	883	0	0	296	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.00	0.02	0.00	0.23	0.00	0.00	0.16	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	39.2	0.0	39.2	0.0	54.8	0.0	0.0	54.8	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.00	0.06	0.00	0.42	0.00	0.00	0.28	0.00
Delay/Veh:	0.0	0.0	0.0	23.3	0.0	19.1	0.0	13.9	0.0	0.0	12.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	23.3	0.0	19.1	0.0	13.9	0.0	0.0	12.8	0.0
LOS by Move:	A	A	A	C	A	B-	A	B	A	A	B	A
HCM2kAvgQ:	0	0	0	7	0	1	0	8	0	0	5	0

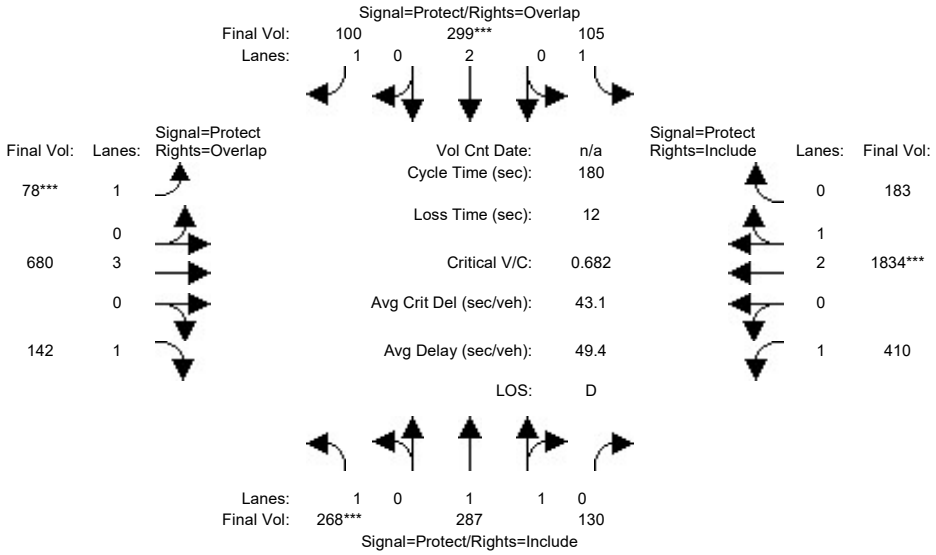
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:40-8:40												
Base Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	286	127	105	295	100	78	680	142	394	1834	183
Added Vol:	0	1	3	0	4	0	0	0	0	16	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	268	287	130	105	299	100	78	680	142	410	1834	183
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	287	130	105	299	100	78	680	142	410	1834	183
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	287	130	105	299	100	78	680	142	410	1834	183
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	268	287	130	105	299	100	78	680	142	410	1834	183
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.36	0.64	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	1750	2546	1153	1750	3800	1750	1750	5700	1750	1750	5091	508
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.06	0.08	0.06	0.04	0.12	0.08	0.23	0.36	0.36
Crit Moves:	****				****		****				****	
Green Time:	40.4	39.9	39.9	21.2	20.8	32.5	11.8	36.0	76.5	70.8	95.1	95.1
Volume/Cap:	0.68	0.51	0.51	0.51	0.68	0.32	0.68	0.60	0.19	0.60	0.68	0.68
Delay/Veh:	68.8	62.0	62.0	76.6	80.8	64.7	97.9	66.2	32.5	44.7	32.0	32.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.8	62.0	62.0	76.6	80.8	64.7	97.9	66.2	32.5	44.7	32.0	32.0
LOS by Move:	E	E	E	E-	F	E	F	E	C-	D	C	C
HCM2kAvgQ:	15	10	10	6	9	5	6	12	5	19	27	27

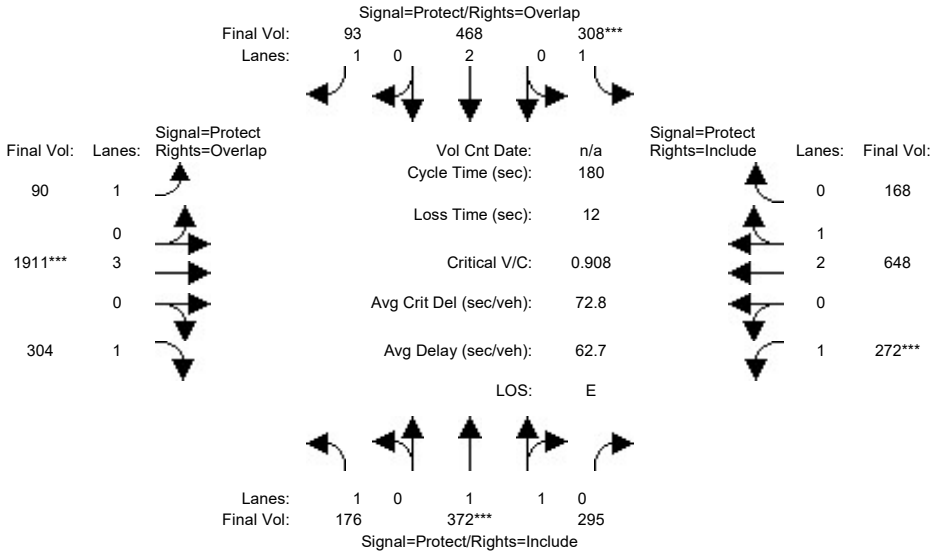
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:15-6:15												
Base Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	368	274	308	467	93	90	1911	304	267	648	168
Added Vol:	0	4	21	0	1	0	0	0	0	5	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	372	295	308	468	93	90	1911	304	272	648	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	372	295	308	468	93	90	1911	304	272	648	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	372	295	308	468	93	90	1911	304	272	648	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	372	295	308	468	93	90	1911	304	272	648	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.09	0.91	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.36	0.64
Final Sat.:	1750	2062	1635	1750	3800	1750	1750	5700	1750	1750	4446	1153
Capacity Analysis Module:												
Vol/Sat:	0.10	0.18	0.18	0.18	0.12	0.05	0.05	0.34	0.17	0.16	0.15	0.15
Crit Moves:		****		****				****		****		
Green Time:	31.8	35.8	35.8	34.9	38.9	64.3	25.4	66.5	98.3	30.8	71.9	71.9
Volume/Cap:	0.57	0.91	0.91	0.91	0.57	0.15	0.36	0.91	0.32	0.91	0.36	0.36
Delay/Veh:	70.4	85.5	85.5	97.9	64.0	39.4	70.9	60.1	22.7	102.6	38.1	38.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.4	85.5	85.5	97.9	64.0	39.4	70.9	60.1	22.7	102.6	38.1	38.1
LOS by Move:	E	F	F	F	E	D	E	E	C+	F	D+	D+
HCM2kAvgQ:	10	21	21	21	12	4	5	36	10	19	10	10

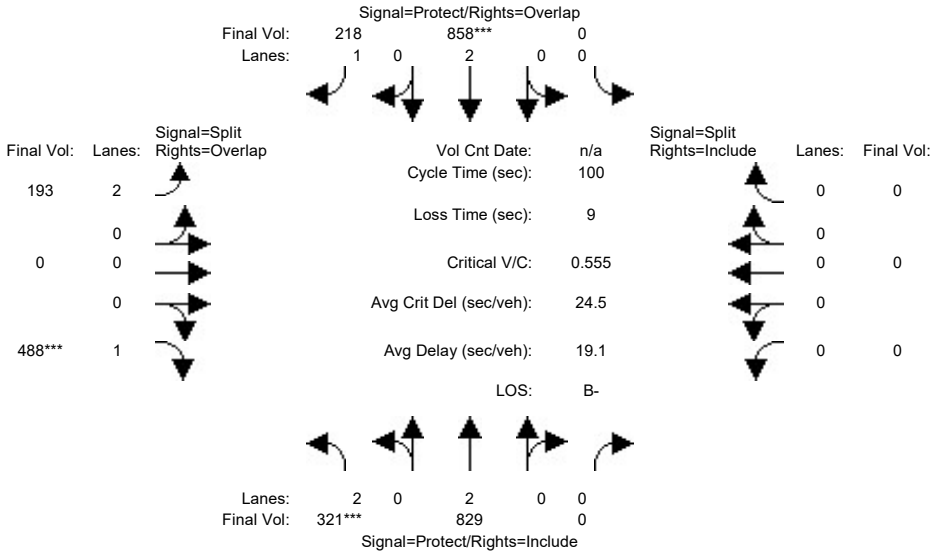
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	317	824	0	0	833	218	193	0	412	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	317	824	0	0	833	218	193	0	412	0	0	0
Added Vol:	4	5	0	0	25	0	0	0	76	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	321	829	0	0	858	218	193	0	488	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	321	829	0	0	858	218	193	0	488	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	321	829	0	0	858	218	193	0	488	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	321	829	0	0	858	218	193	0	488	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.22	0.00	0.00	0.23	0.12	0.06	0.00	0.28	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	18.4	59.1	0.0	0.0	40.7	72.6	31.9	0.0	50.3	0.0	0.0	0.0
Volume/Cap:	0.55	0.37	0.00	0.00	0.55	0.17	0.19	0.00	0.55	0.00	0.00	0.00
Delay/Veh:	38.3	10.8	0.0	0.0	23.1	4.3	24.8	0.0	17.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.3	10.8	0.0	0.0	23.1	4.3	24.8	0.0	17.9	0.0	0.0	0.0
LOS by Move:	D+	B+	A	A	C	A	C	A	B	A	A	A
HCM2kAvgQ:	5	6	0	0	10	2	3	0	11	0	0	0

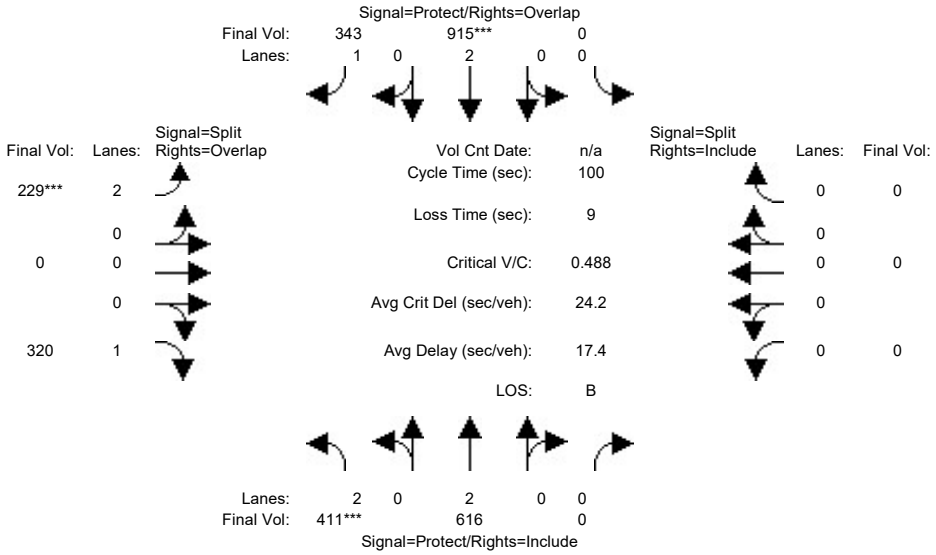
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:00-6:00												
Base Vol:	395	587	0	0	908	343	229	0	302	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	395	587	0	0	908	343	229	0	302	0	0	0
Added Vol:	16	29	0	0	7	0	0	0	18	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	411	616	0	0	915	343	229	0	320	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	411	616	0	0	915	343	229	0	320	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	411	616	0	0	915	343	229	0	320	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	411	616	0	0	915	343	229	0	320	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.16	0.00	0.00	0.24	0.20	0.07	0.00	0.18	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	26.7	76.1	0.0	0.0	49.4	64.3	14.9	0.0	41.6	0.0	0.0	0.0
Volume/Cap:	0.49	0.21	0.00	0.00	0.49	0.31	0.49	0.00	0.44	0.00	0.00	0.00
Delay/Veh:	31.3	3.4	0.0	0.0	17.1	8.1	39.8	0.0	21.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	3.4	0.0	0.0	17.1	8.1	39.8	0.0	21.3	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	A	D	A	C+	A	A	A
HCM2kAvgQ:	6	3	0	0	9	5	4	0	8	0	0	0

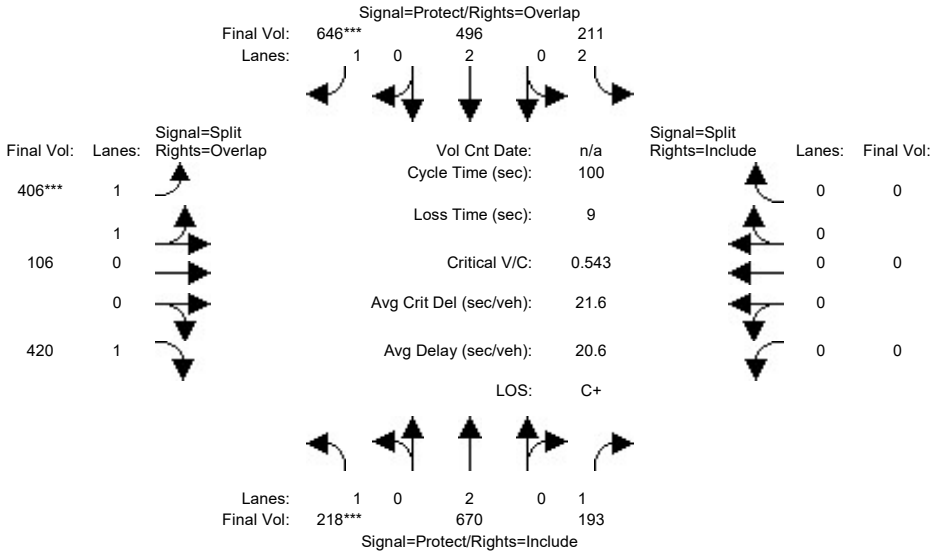
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:35-8:35												
Base Vol:	181	670	193	211	496	545	397	91	413	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	181	670	193	211	496	545	397	91	413	0	0	0
Added Vol:	37	0	0	0	0	101	9	15	7	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	218	670	193	211	496	646	406	106	420	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	218	670	193	211	496	646	406	106	420	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	218	670	193	211	496	646	406	106	420	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	218	670	193	211	496	646	406	106	420	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.59	0.41	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2815	735	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.12	0.18	0.11	0.07	0.13	0.37	0.14	0.14	0.24	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	23.0	46.1	46.1	18.3	41.5	68.0	26.6	26.6	49.5	0.0	0.0	0.0
Volume/Cap:	0.54	0.38	0.24	0.37	0.31	0.54	0.54	0.54	0.48	0.00	0.00	0.00
Delay/Veh:	35.4	17.8	16.5	36.2	19.8	8.6	32.1	32.1	17.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.4	17.8	16.5	36.2	19.8	8.6	32.1	32.1	17.2	0.0	0.0	0.0
LOS by Move:	D+	B	B	D+	B-	A	C-	C-	B	A	A	A
HCM2kAvgQ:	6	6	4	3	5	11	7	7	9	0	0	0

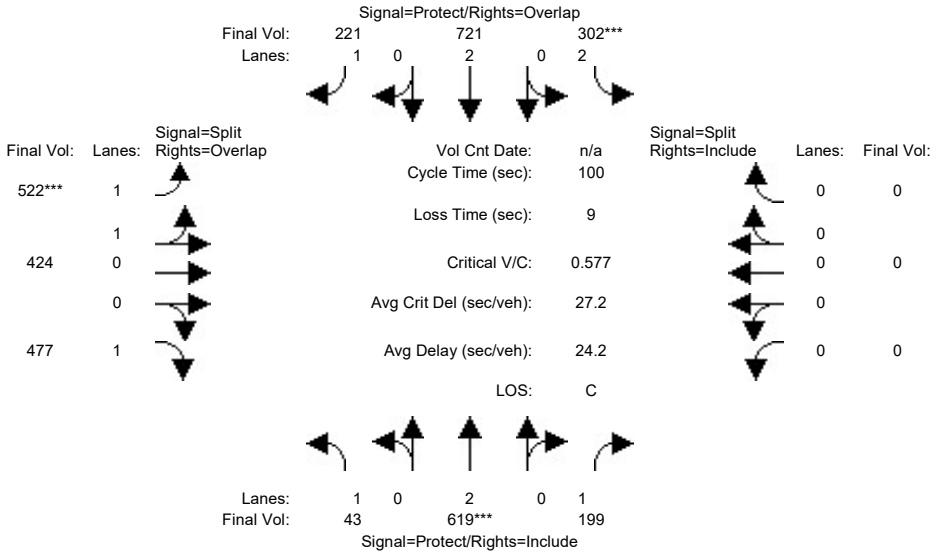
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:4:50-5:50												
Base Vol:	34	619	199	302	721	197	476	345	439	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	34	619	199	302	721	197	476	345	439	0	0	0
Added Vol:	9	0	0	0	0	24	46	79	38	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	619	199	302	721	221	522	424	477	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	619	199	302	721	221	522	424	477	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	619	199	302	721	221	522	424	477	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	619	199	302	721	221	522	424	477	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.12	0.88	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1959	1591	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.16	0.11	0.10	0.19	0.13	0.27	0.27	0.27	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	12.1	28.2	28.2	16.6	32.7	78.9	46.2	46.2	58.3	0.0	0.0	0.0
Volume/Cap:	0.20	0.58	0.40	0.58	0.58	0.16	0.58	0.58	0.47	0.00	0.00	0.00
Delay/Veh:	40.1	31.6	29.6	40.1	28.6	2.6	20.3	20.3	12.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.1	31.6	29.6	40.1	28.6	2.6	20.3	20.3	12.3	0.0	0.0	0.0
LOS by Move:	D	C	C	D	C	A	C+	C+	B	A	A	A
HCM2kAvgQ:	1	8	5	5	9	2	11	11	9	0	0	0

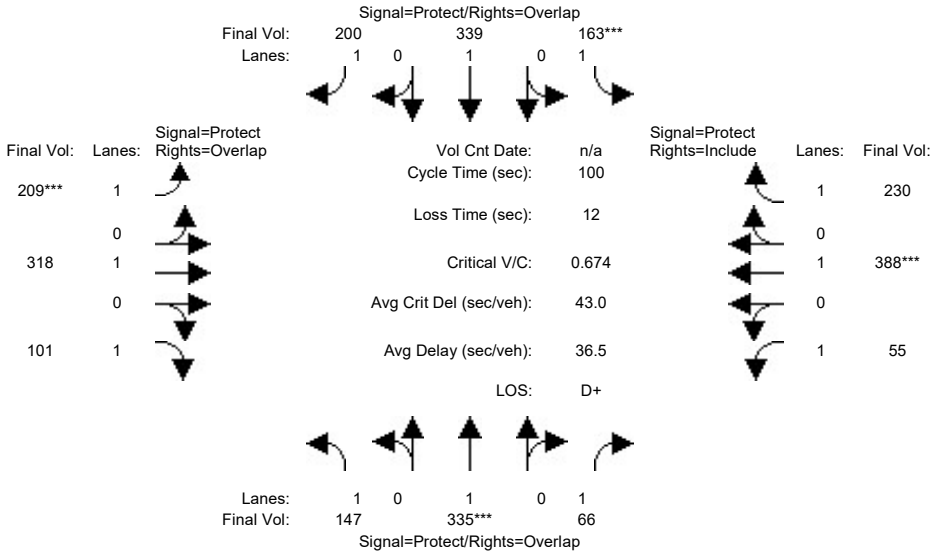
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:7:45-8:45												
Base Vol:	147	319	66	159	336	200	209	318	101	55	388	210
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	319	66	159	336	200	209	318	101	55	388	210
Added Vol:	0	16	0	4	3	0	0	0	0	0	0	20
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	147	335	66	163	339	200	209	318	101	55	388	230
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	147	335	66	163	339	200	209	318	101	55	388	230
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	147	335	66	163	339	200	209	318	101	55	388	230
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	147	335	66	163	339	200	209	318	101	55	388	230
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.18	0.04	0.09	0.18	0.11	0.12	0.17	0.06	0.03	0.20	0.13
Crit Moves:		****			****			****			****	
Green Time:	12.8	26.2	40.3	13.8	27.2	44.9	17.7	33.9	46.7	14.2	30.3	30.3
Volume/Cap:	0.66	0.67	0.09	0.67	0.66	0.25	0.67	0.49	0.12	0.22	0.67	0.43
Delay/Veh:	55.6	40.2	18.8	55.0	38.7	17.9	49.6	29.0	15.4	40.1	36.7	30.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.6	40.2	18.8	55.0	38.7	17.9	49.6	29.0	15.4	40.1	36.7	30.5
LOS by Move:	E+	D	B-	D-	D+	B	D	C	B	D	D+	C
HCM2kAvgQ:	6	10	1	6	10	4	7	8	2	2	11	6

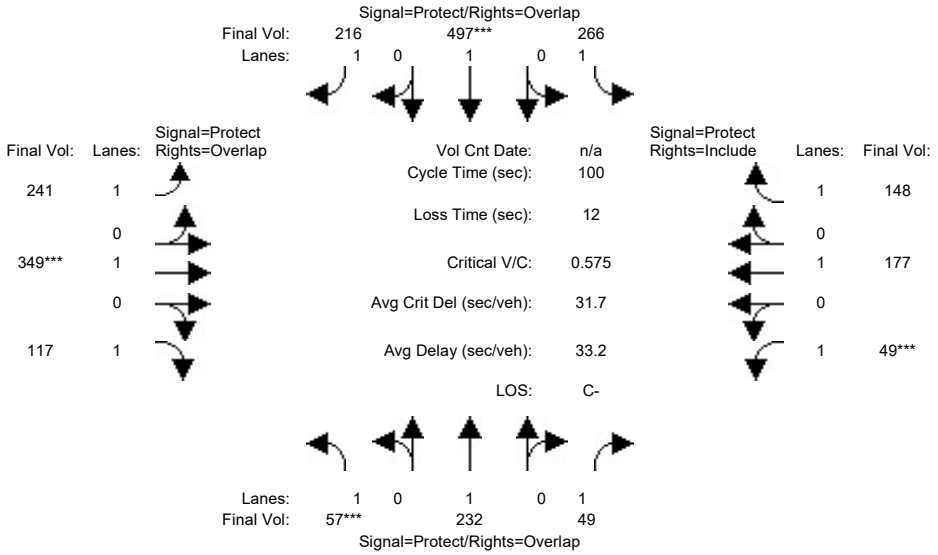
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:5:00-6:00												
Base Vol:	57	228	49	245	480	216	241	349	117	49	177	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	228	49	245	480	216	241	349	117	49	177	143
Added Vol:	0	4	0	21	17	0	0	0	0	0	0	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	232	49	266	497	216	241	349	117	49	177	148
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	232	49	266	497	216	241	349	117	49	177	148
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	232	49	266	497	216	241	349	117	49	177	148
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	232	49	266	497	216	241	349	117	49	177	148
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.12	0.03	0.15	0.26	0.12	0.14	0.18	0.07	0.03	0.09	0.08
Crit Moves:	****				****			****			****	
Green Time:	7.0	22.5	29.5	28.0	43.5	65.2	21.7	30.5	37.5	7.0	15.8	15.8
Volume/Cap:	0.47	0.54	0.09	0.54	0.60	0.19	0.63	0.60	0.18	0.40	0.59	0.54
Delay/Veh:	56.9	39.1	25.9	34.9	24.9	7.3	43.3	34.1	21.5	54.0	47.4	46.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.9	39.1	25.9	34.9	24.9	7.3	43.3	34.1	21.5	54.0	47.4	46.0
LOS by Move:	E+	D	C	C-	C	A	D	C-	C+	D-	D	D
HCM2kAvgQ:	2	7	1	8	12	3	8	9	3	2	6	5

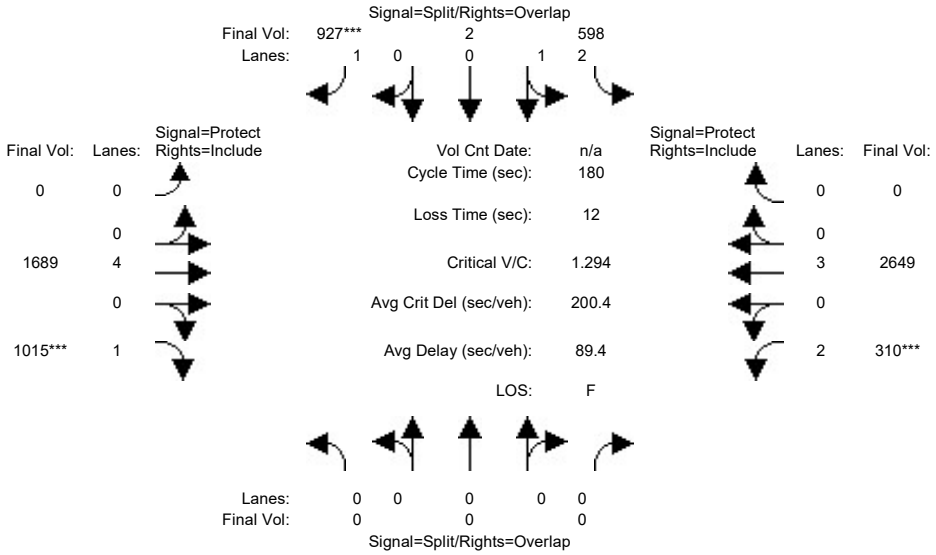
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Added Vol:	0	0	0	16	0	0	0	25	0	0	5	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	598	2	927	0	1689	1015	310	2649	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	598	2	927	0	1689	1015	310	2649	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	598	2	927	0	1689	1015	310	2649	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	598	2	927	0	1689	1015	310	2649	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4933	16	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.12	0.53	0.00	0.22	0.58	0.10	0.46	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	73.7	73.7	73.7	0.0	80.7	80.7	13.7	94.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.30	0.30	1.29	0.00	0.50	1.29	1.29	0.89	0.00
Delay/Veh:	0.0	0.0	0.0	35.8	35.8	195.9	0.0	35.4	191.6	243.0	41.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.8	35.8	195.9	0.0	35.4	191.6	243.0	41.7	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D+	F	F	D	A
HCM2kAvgQ:	0	0	0	8	8	83	0	16	90	15	42	0

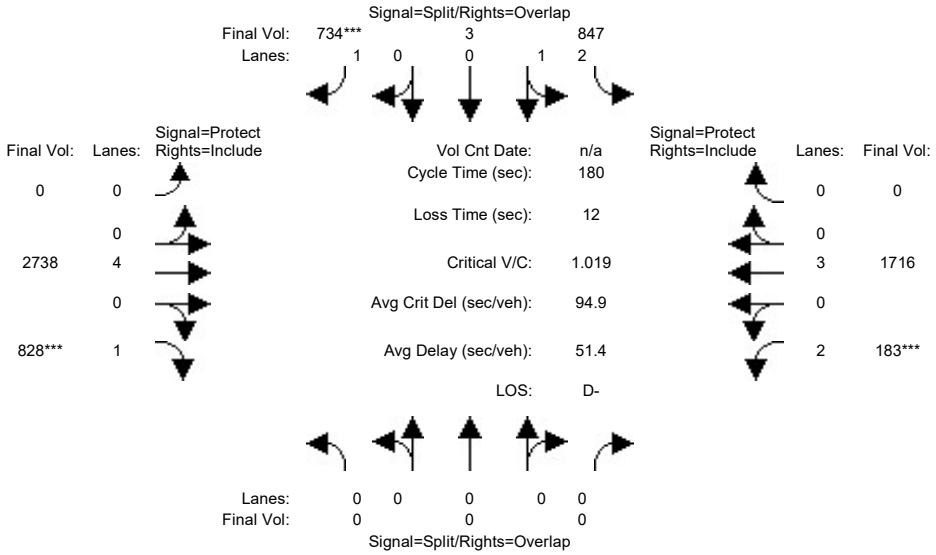
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	844	3	734	0	2731	828	183	1684	0
Added Vol:	0	0	0	3	0	0	0	7	0	0	32	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	847	3	734	0	2738	828	183	1716	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	847	3	734	0	2738	828	183	1716	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	847	3	734	0	2738	828	183	1716	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	847	3	734	0	2738	828	183	1716	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	17	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.17	0.42	0.00	0.36	0.47	0.06	0.30	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	74.1	74.1	74.1	0.0	83.6	83.6	10.3	93.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.42	1.02	0.00	0.78	1.02	1.02	0.58	0.00
Delay/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.5	84.5	156.9	29.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.5	84.5	156.9	29.8	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D	F	F	C	A
HCM2kAvgQ:	0	0	0	12	12	51	0	32	57	7	21	0

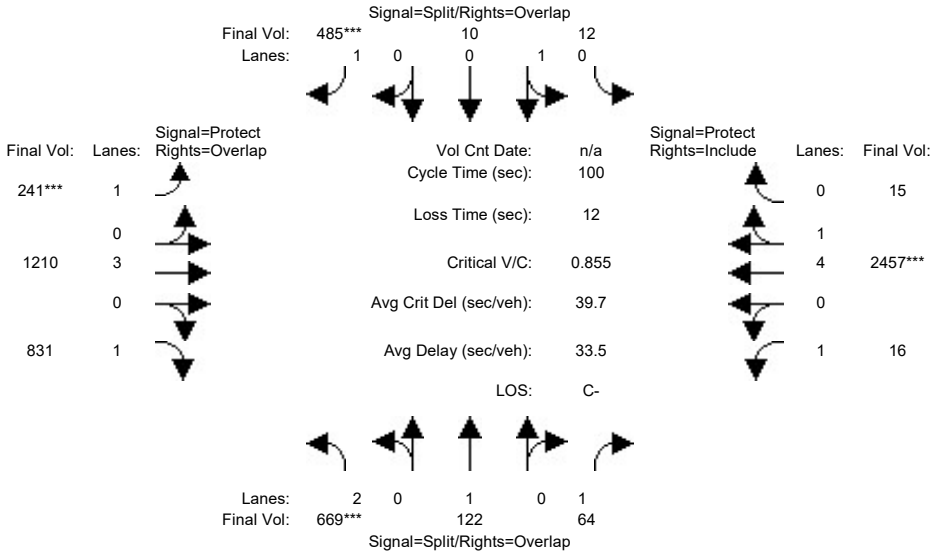
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	669	122	64	12	10	485	241	1170	831	16	2449	15
Added Vol:	0	0	0	0	0	0	0	40	0	0	8	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	669	122	64	12	10	485	241	1210	831	16	2457	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	669	122	64	12	10	485	241	1210	831	16	2457	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	669	122	64	12	10	485	241	1210	831	16	2457	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	669	122	64	12	10	485	241	1210	831	16	2457	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.55	0.45	1.00	1.00	3.00	1.00	1.00	4.97	0.03
Final Sat.:	3150	1900	1750	982	818	1750	1750	5700	1750	1750	9343	57
Capacity Analysis Module:												
Vol/Sat:	0.21	0.06	0.04	0.01	0.01	0.28	0.14	0.21	0.47	0.01	0.26	0.26
Crit Moves:	****					****	****				****	
Green Time:	24.8	24.8	34.7	16.3	16.3	32.4	16.1	37.0	61.8	9.9	30.8	30.8
Volume/Cap:	0.86	0.26	0.11	0.07	0.07	0.86	0.86	0.57	0.77	0.09	0.86	0.86
Delay/Veh:	45.0	30.5	22.2	35.6	35.6	43.7	62.5	25.6	17.3	41.2	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.0	30.5	22.2	35.6	35.6	43.7	62.5	25.6	17.3	41.2	35.2	35.2
LOS by Move:	D	C	C+	D+	D+	D	E	C	B	D	D+	D+
HCM2kAvgQ:	15	3	1	1	1	18	9	10	20	0	14	14

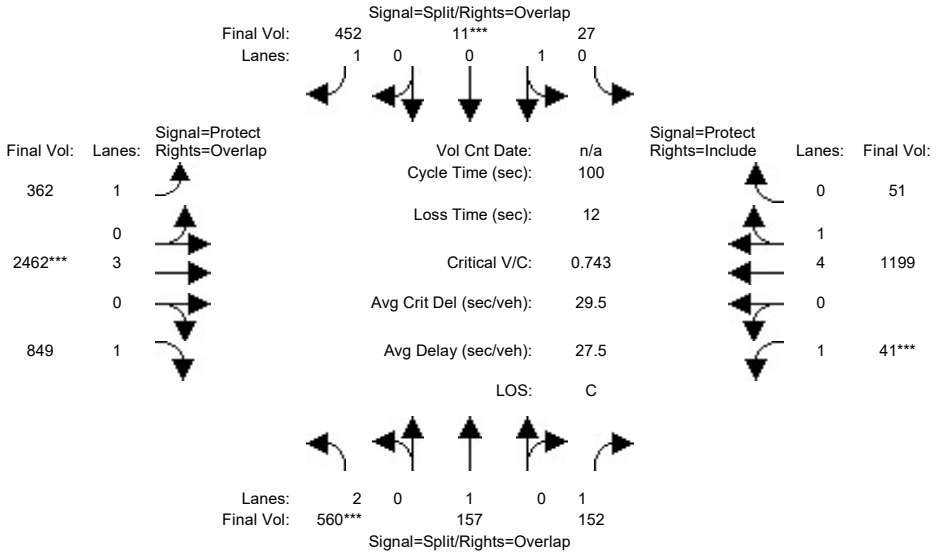
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	560	157	152	27	11	452	362	2452	849	41	1154	51
Added Vol:	0	0	0	0	0	0	0	10	0	0	45	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	560	157	152	27	11	452	362	2462	849	41	1199	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	560	157	152	27	11	452	362	2462	849	41	1199	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	560	157	152	27	11	452	362	2462	849	41	1199	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	560	157	152	27	11	452	362	2462	849	41	1199	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.71	0.29	1.00	1.00	3.00	1.00	1.00	4.79	0.21
Final Sat.:	3150	1900	1750	1279	521	1750	1750	5700	1750	1750	9016	383
Capacity Analysis Module:												
Vol/Sat:	0.18	0.08	0.09	0.02	0.02	0.26	0.21	0.43	0.49	0.02	0.13	0.13
Crit Moves:	****				****			****			****	
Green Time:	20.7	20.7	27.7	10.0	10.0	44.9	34.9	50.3	71.0	7.0	22.4	22.4
Volume/Cap:	0.86	0.40	0.31	0.21	0.21	0.58	0.59	0.86	0.68	0.33	0.59	0.59
Delay/Veh:	49.3	34.9	29.0	42.0	42.0	21.5	28.3	24.6	9.8	45.9	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.3	34.9	29.0	42.0	42.0	21.5	28.3	24.6	9.8	45.9	35.2	35.2
LOS by Move:	D	C-	C	D	D	C+	C	C	A	D	D+	D+
HCM2kAvgQ:	13	4	4	1	1	11	9	22	15	1	7	7

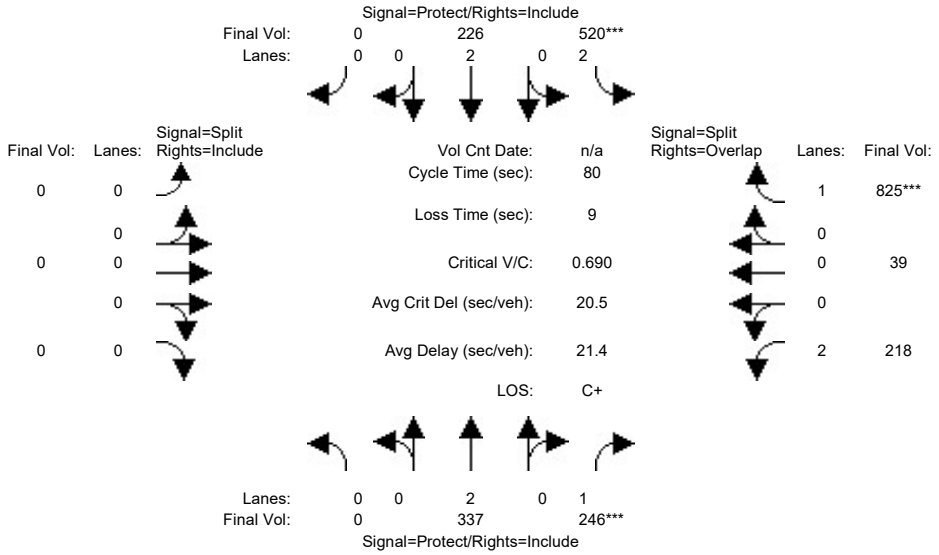
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	337	238	508	226	0	0	0	0	216	39	823
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	337	238	508	226	0	0	0	0	216	39	823
Added Vol:	0	0	8	12	0	0	0	0	0	2	0	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	337	246	520	226	0	0	0	0	218	39	825
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	337	246	520	226	0	0	0	0	218	39	825
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	337	246	520	226	0	0	0	0	218	39	825
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	337	246	520	226	0	0	0	0	218	39	825
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	1.72	0.28	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3005	538	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.09	0.14	0.17	0.06	0.00	0.00	0.00	0.00	0.07	0.07	0.47
Crit Moves:			****	****								****
Green Time:	0.0	16.3	16.3	19.2	35.5	0.0	0.0	0.0	0.0	35.5	35.5	54.7
Volume/Cap:	0.00	0.44	0.69	0.69	0.13	0.00	0.00	0.00	0.00	0.16	0.16	0.69
Delay/Veh:	0.0	29.6	39.9	32.8	13.3	0.0	0.0	0.0	0.0	13.4	13.4	10.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	29.6	39.9	32.8	13.3	0.0	0.0	0.0	0.0	13.4	13.4	10.1
LOS by Move:	A	C	D	C-	B	A	A	A	A	B	B	B+
HCM2kAvgQ:	0	4	7	8	2	0	0	0	0	2	2	14

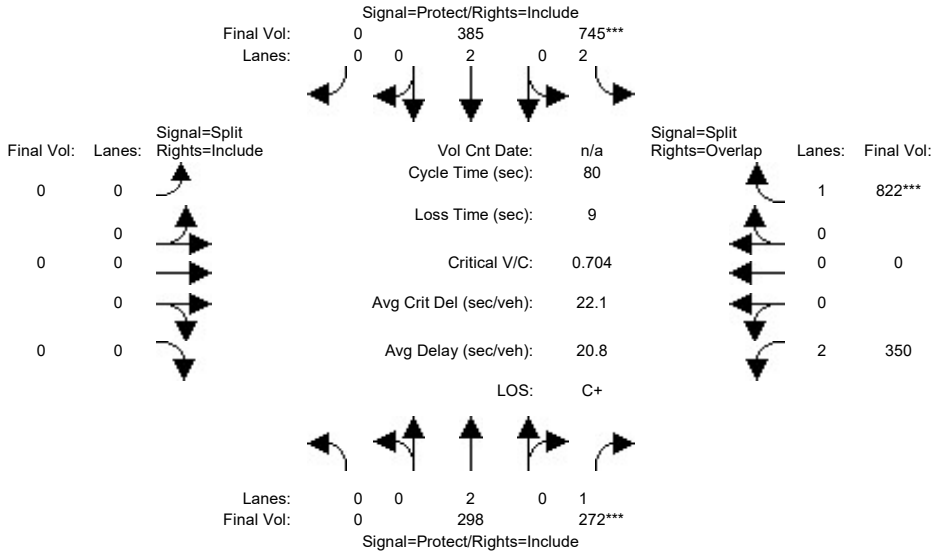
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	298	270	742	385	0	0	0	0	342	0	807
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	298	270	742	385	0	0	0	0	342	0	807
Added Vol:	0	0	2	3	0	0	0	0	0	8	0	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	298	272	745	385	0	0	0	0	350	0	822
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	298	272	745	385	0	0	0	0	350	0	822
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	298	272	745	385	0	0	0	0	350	0	822
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	298	272	745	385	0	0	0	0	350	0	822
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.16	0.24	0.10	0.00	0.00	0.00	0.00	0.11	0.00	0.47
Crit Moves:			****	****								****
Green Time:	0.0	17.7	17.7	26.9	44.5	0.0	0.0	0.0	0.0	26.5	0.0	53.3
Volume/Cap:	0.00	0.36	0.70	0.70	0.18	0.00	0.00	0.00	0.00	0.34	0.00	0.70
Delay/Veh:	0.0	27.5	39.1	27.1	8.9	0.0	0.0	0.0	0.0	21.0	0.0	12.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.5	39.1	27.1	8.9	0.0	0.0	0.0	0.0	21.0	0.0	12.0
LOS by Move:	A	C	D	C	A	A	A	A	A	C+	A	B+
HCM2kAvgQ:	0	3	8	11	2	0	0	0	0	4	0	15

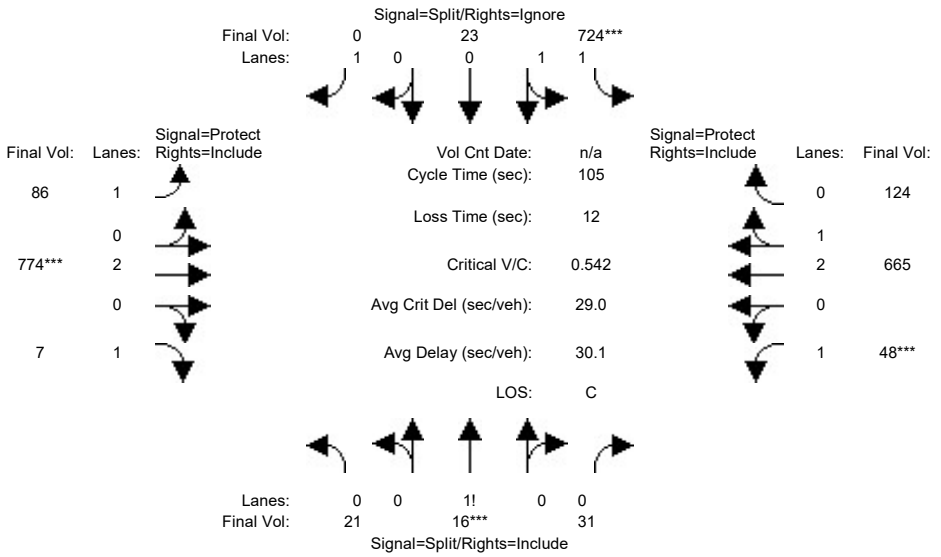
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	21	16	31	697	23	683	86	754	7	48	661	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	16	31	697	23	683	86	754	7	48	661	120
Added Vol:	0	0	0	27	0	0	0	20	0	0	4	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	16	31	724	23	683	86	774	7	48	665	124
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	16	31	724	23	0	86	774	7	48	665	124
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	16	31	724	23	0	86	774	7	48	665	124
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	16	31	724	23	0	86	774	7	48	665	124
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	0.31	0.23	0.46	1.94	0.06	1.00	1.00	2.00	1.00	1.00	2.51	0.49
Final Sat.:	540	412	798	3441	109	1750	1750	3800	1750	1750	4719	880
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.21	0.21	0.00	0.05	0.20	0.00	0.03	0.14	0.14
Crit Moves:		****		****				****		****		
Green Time:	10.0	10.0	10.0	38.6	38.6	0.0	14.3	37.4	37.4	7.0	30.1	30.1
Volume/Cap:	0.41	0.41	0.41	0.57	0.57	0.00	0.36	0.57	0.01	0.41	0.49	0.49
Delay/Veh:	46.3	46.3	46.3	27.2	27.2	0.0	42.2	27.9	21.9	49.4	31.3	31.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.3	46.3	46.3	27.2	27.2	0.0	42.2	27.9	21.9	49.4	31.3	31.3
LOS by Move:	D	D	D	C	C	A	D	C	C+	D	C	C
HCM2kAvgQ:	3	3	3	11	11	0	3	10	0	2	7	7

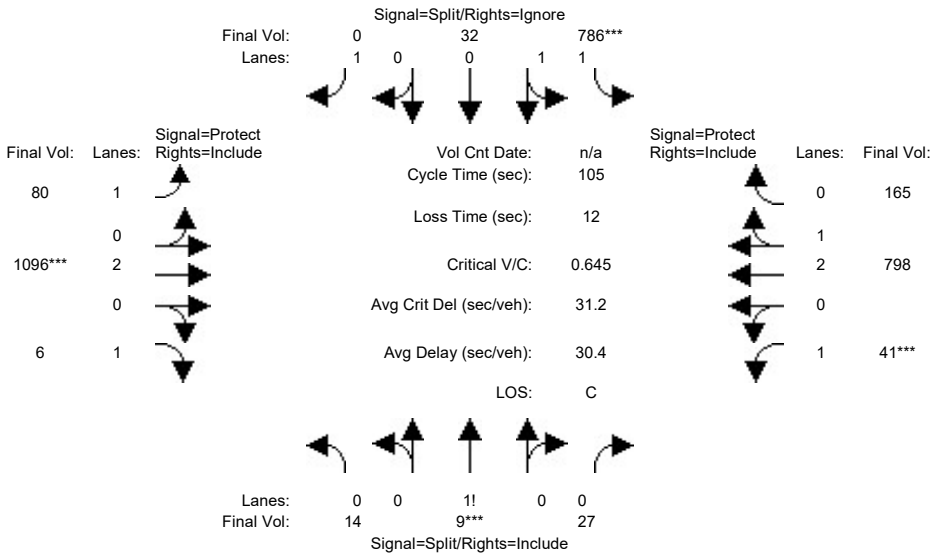
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	9	27	781	32	573	80	1091	6	41	775	148
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	9	27	781	32	573	80	1091	6	41	775	148
Added Vol:	0	0	0	5	0	0	0	5	0	0	23	17
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	9	27	786	32	573	80	1096	6	41	798	165
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	9	27	786	32	0	80	1096	6	41	798	165
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	9	27	786	32	0	80	1096	6	41	798	165
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	9	27	786	32	0	80	1096	6	41	798	165
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	0.28	0.18	0.54	1.92	0.08	1.00	1.00	2.00	1.00	1.00	2.47	0.53
Final Sat.:	490	315	945	3411	139	1750	1750	3800	1750	1750	4639	959
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.23	0.23	0.00	0.05	0.29	0.00	0.02	0.17	0.17
Crit Moves:		****		****				****		****		
Green Time:	10.0	10.0	10.0	33.8	33.8	0.0	13.8	42.2	42.2	7.0	35.5	35.5
Volume/Cap:	0.30	0.30	0.30	0.72	0.72	0.00	0.35	0.72	0.01	0.35	0.51	0.51
Delay/Veh:	45.3	45.3	45.3	33.6	33.6	0.0	42.5	28.0	18.8	48.7	28.0	28.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.3	45.3	45.3	33.6	33.6	0.0	42.5	28.0	18.8	48.7	28.0	28.0
LOS by Move:	D	D	D	C-	C-	A	D	C	B-	D	C	C
HCM2kAvgQ:	2	2	2	14	14	0	2	15	0	1	8	8

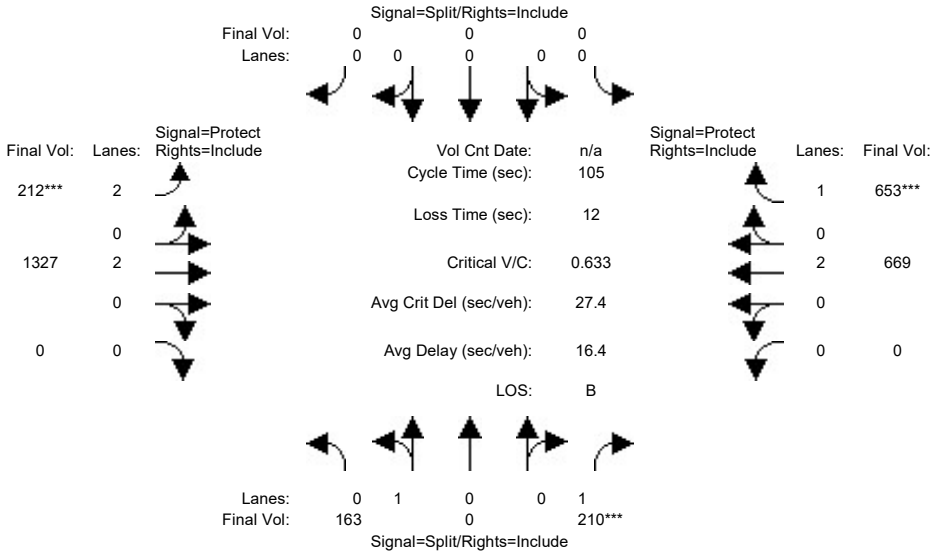
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	163	0	190	0	0	0	212	1280	0	0	661	648
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	163	0	190	0	0	0	212	1280	0	0	661	648
Added Vol:	0	0	20	0	0	0	0	47	0	0	8	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	0	210	0	0	0	212	1327	0	0	669	653
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	0	210	0	0	0	212	1327	0	0	669	653
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	0	210	0	0	0	212	1327	0	0	669	653
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	0	210	0	0	0	212	1327	0	0	669	653
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1800	0	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.12	0.00	0.00	0.00	0.07	0.35	0.00	0.00	0.18	0.37
Crit Moves:			****				****					****
Green Time:	19.9	0.0	19.9	0.0	0.0	0.0	11.2	73.1	0.0	0.0	61.9	61.9
Volume/Cap:	0.48	0.00	0.63	0.00	0.00	0.00	0.63	0.50	0.00	0.00	0.30	0.63
Delay/Veh:	39.0	0.0	43.1	0.0	0.0	0.0	48.9	7.6	0.0	0.0	10.8	15.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.0	0.0	43.1	0.0	0.0	0.0	48.9	7.6	0.0	0.0	10.8	15.4
LOS by Move:	D+	A	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	5	0	8	0	0	0	4	10	0	0	5	15

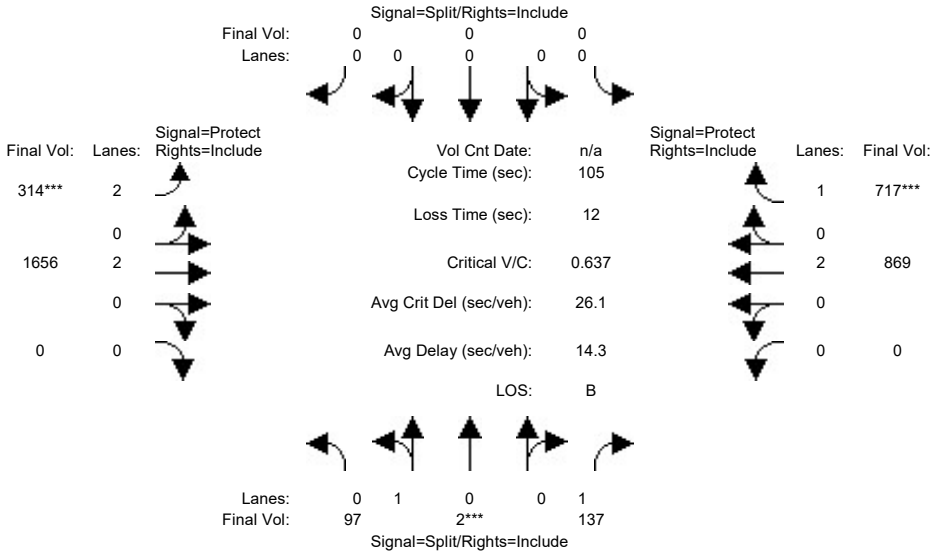
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	97	2	133	0	0	0	314	1646	0	0	829	694
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	97	2	133	0	0	0	314	1646	0	0	829	694
Added Vol:	0	0	4	0	0	0	0	10	0	0	40	23
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	2	137	0	0	0	314	1656	0	0	869	717
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	97	2	137	0	0	0	314	1656	0	0	869	717
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	2	137	0	0	0	314	1656	0	0	869	717
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	97	2	137	0	0	0	314	1656	0	0	869	717
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	0.98	0.02	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1764	36	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.08	0.00	0.00	0.00	0.10	0.44	0.00	0.00	0.23	0.41
Crit Moves:		****					****					****
Green Time:	12.9	12.9	12.9	0.0	0.0	0.0	15.7	80.1	0.0	0.0	64.4	64.4
Volume/Cap:	0.45	0.45	0.64	0.00	0.00	0.00	0.67	0.57	0.00	0.00	0.37	0.67
Delay/Veh:	44.2	44.2	50.0	0.0	0.0	0.0	45.9	5.5	0.0	0.0	10.3	14.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.2	44.2	50.0	0.0	0.0	0.0	45.9	5.5	0.0	0.0	10.3	14.9
LOS by Move:	D	D	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	4	4	6	0	0	0	6	11	0	0	7	16

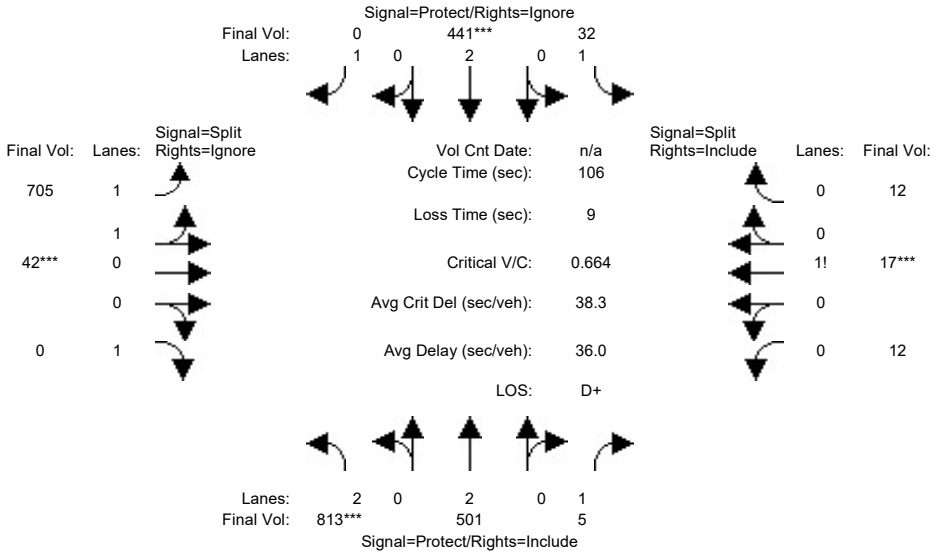
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	813	485	5	32	438	400	638	42	744	12	17	12
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	813	485	5	32	438	400	638	42	744	12	17	12
Added Vol:	0	16	0	0	3	13	67	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	813	501	5	32	441	413	705	42	744	12	17	12
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	813	501	5	32	441	0	705	42	0	12	17	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	813	501	5	32	441	0	705	42	0	12	17	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	813	501	5	32	441	0	705	42	0	12	17	12
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.89	0.11	1.00	0.29	0.42	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3350	200	1750	512	726	512
Capacity Analysis Module:												
Vol/Sat:	0.26	0.13	0.00	0.02	0.12	0.00	0.21	0.21	0.00	0.02	0.02	0.02
Crit Moves:	****				****			****			****	
Green Time:	38.4	37.1	37.1	18.6	17.3	0.0	31.3	31.3	0.0	10.0	10.0	10.0
Volume/Cap:	0.71	0.38	0.01	0.10	0.71	0.00	0.71	0.71	0.00	0.25	0.25	0.25
Delay/Veh:	32.8	26.6	22.5	37.4	48.8	0.0	37.4	37.4	0.0	48.1	48.1	48.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.8	26.6	22.5	37.4	48.8	0.0	37.4	37.4	0.0	48.1	48.1	48.1
LOS by Move:	C-	C	C+	D+	D	A	D+	D+	A	D	D	D
HCM2kAvgQ:	14	6	0	1	7	0	12	12	0	2	2	2

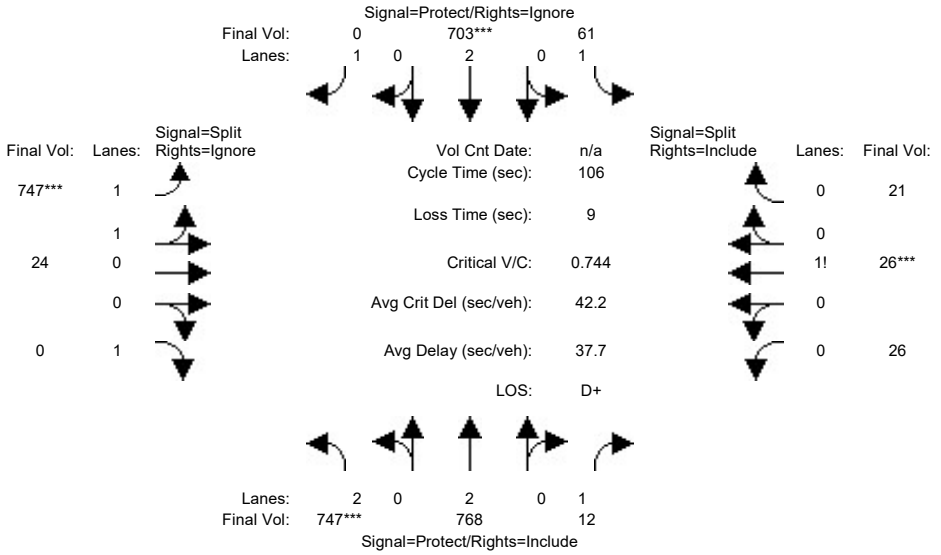
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	747	763	12	61	682	760	733	24	1000	26	26	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	747	763	12	61	682	760	733	24	1000	26	26	21
Added Vol:	0	5	0	0	21	63	14	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	747	768	12	61	703	823	747	24	1000	26	26	21
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	747	768	12	61	703	0	747	24	0	26	26	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	747	768	12	61	703	0	747	24	0	26	26	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	747	768	12	61	703	0	747	24	0	26	26	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	1.94	0.06	1.00	0.36	0.35	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	3439	111	1750	623	623	503
Capacity Analysis Module:												
Vol/Sat:	0.24	0.20	0.01	0.03	0.19	0.00	0.22	0.22	0.00	0.04	0.04	0.04
Crit Moves:	****				****		****				****	
Green Time:	32.3	43.3	43.3	14.1	25.2	0.0	29.6	29.6	0.0	10.0	10.0	10.0
Volume/Cap:	0.78	0.49	0.02	0.26	0.78	0.00	0.78	0.78	0.00	0.44	0.44	0.44
Delay/Veh:	39.8	24.4	18.7	43.9	44.4	0.0	41.3	41.3	0.0	53.7	53.7	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.8	24.4	18.7	43.9	44.4	0.0	41.3	41.3	0.0	53.7	53.7	53.7
LOS by Move:	D	C	B-	D	D	A	D	D	A	D-	D-	D-
HCM2kAvgQ:	14	9	0	2	11	0	13	13	0	3	3	3

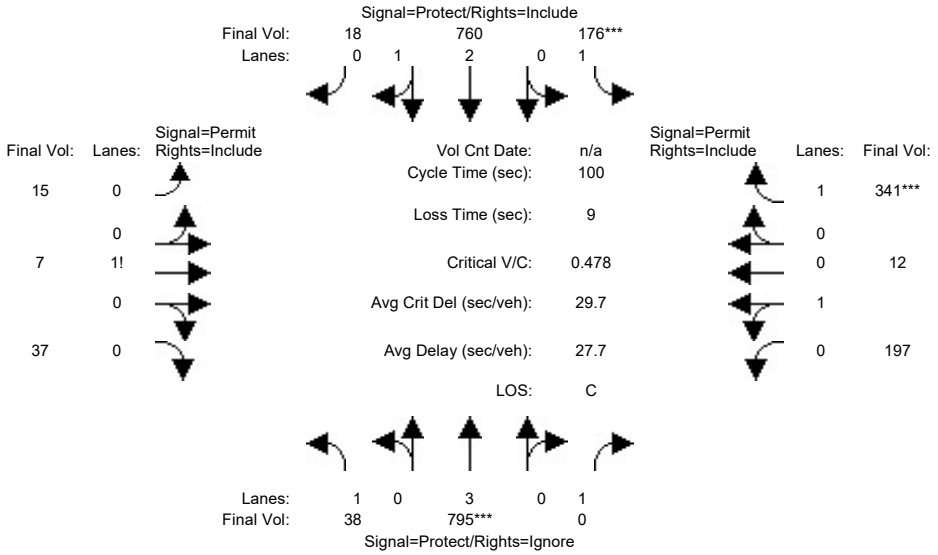
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	38	779	116	176	757	18	15	7	37	197	12	341
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	779	116	176	757	18	15	7	37	197	12	341
Added Vol:	0	16	0	0	3	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	795	116	176	760	18	15	7	37	197	12	341
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	795	0	176	760	18	15	7	37	197	12	341
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	795	0	176	760	18	15	7	37	197	12	341
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	795	0	176	760	18	15	7	37	197	12	341
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.93	0.07	0.25	0.12	0.63	0.94	0.06	1.00
Final Sat.:	1750	5700	1750	1750	5470	130	445	208	1097	1697	103	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.00	0.10	0.14	0.14	0.03	0.03	0.03	0.12	0.12	0.19
Crit Moves:		****		****								****
Green Time:	16.8	29.2	0.0	21.0	33.4	33.4	40.8	40.8	40.8	40.8	40.8	40.8
Volume/Cap:	0.13	0.48	0.00	0.48	0.42	0.42	0.08	0.08	0.08	0.28	0.28	0.48
Delay/Veh:	36.3	30.1	0.0	39.0	26.4	26.4	18.4	18.4	18.4	20.8	20.8	24.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.3	30.1	0.0	39.0	26.4	26.4	18.4	18.4	18.4	20.8	20.8	24.1
LOS by Move:	D+	C	A	D	C	C	B-	B-	B-	C+	C+	C
HCM2kAvgQ:	1	7	0	5	6	6	1	1	1	4	4	8

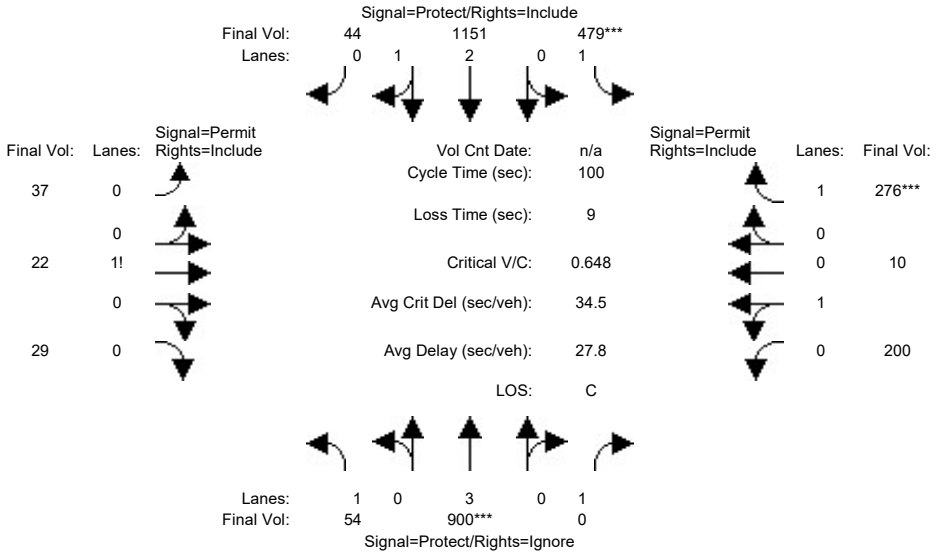
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	54	895	261	479	1130	44	37	22	29	200	10	276
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	895	261	479	1130	44	37	22	29	200	10	276
Added Vol:	0	5	0	0	21	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	900	261	479	1151	44	37	22	29	200	10	276
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	900	0	479	1151	44	37	22	29	200	10	276
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	900	0	479	1151	44	37	22	29	200	10	276
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	900	0	479	1151	44	37	22	29	200	10	276
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.89	0.11	0.42	0.25	0.33	0.95	0.05	1.00
Final Sat.:	1750	5700	1750	1750	5394	206	736	438	577	1714	86	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.16	0.00	0.27	0.21	0.21	0.05	0.05	0.05	0.12	0.12	0.16
Crit Moves:		****		****								****
Green Time:	16.5	24.4	0.0	42.3	50.2	50.2	24.4	24.4	24.4	24.4	24.4	24.4
Volume/Cap:	0.19	0.65	0.00	0.65	0.43	0.43	0.21	0.21	0.21	0.48	0.48	0.65
Delay/Veh:	37.4	36.3	0.0	27.3	16.2	16.2	31.2	31.2	31.2	36.1	36.1	41.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.4	36.3	0.0	27.3	16.2	16.2	31.2	31.2	31.2	36.1	36.1	41.4
LOS by Move:	D+	D+	A	C	B	B	C	C	C	D+	D+	D
HCM2kAvgQ:	2	9	0	13	8	8	2	2	2	6	6	9

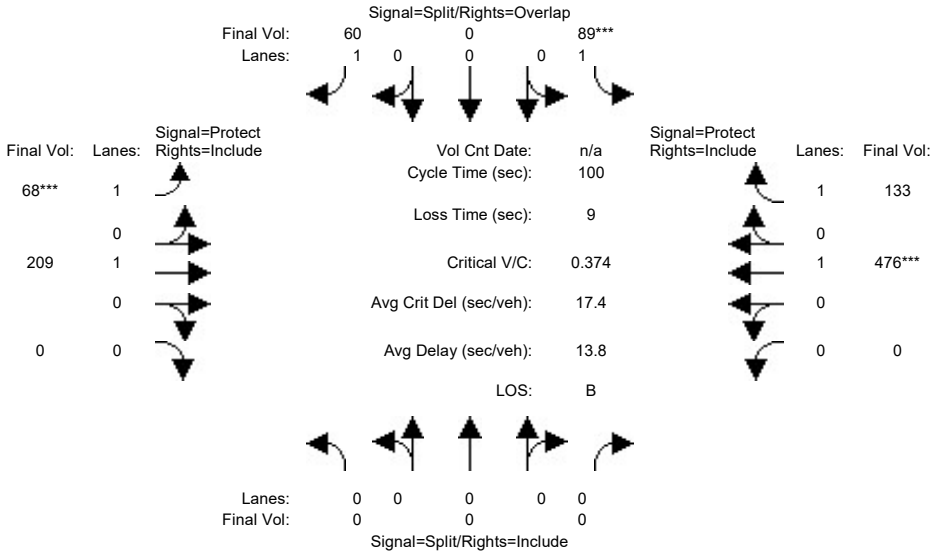
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	89	0	60	68	209	0	0	476	133
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	89	0	60	68	209	0	0	476	133
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	89	0	60	68	209	0	0	476	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	89	0	60	68	209	0	0	476	133
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	89	0	60	68	209	0	0	476	133
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	89	0	60	68	209	0	0	476	133
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.11	0.00	0.00	0.25	0.08
Crit Moves:				****			****				****	
Green Time:	0.0	0.0	0.0	13.6	0.0	24.0	10.4	77.4	0.0	0.0	67.0	67.0
Volume/Cap:	0.00	0.00	0.00	0.37	0.00	0.14	0.37	0.14	0.00	0.00	0.37	0.11
Delay/Veh:	0.0	0.0	0.0	43.8	0.0	30.6	47.6	3.1	0.0	0.0	8.1	6.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	43.8	0.0	30.6	47.6	3.1	0.0	0.0	8.1	6.1
LOS by Move:	A	A	A	D	A	C	D	A	A	A	A	A
HCM2kAvgQ:	0	0	0	3	0	2	2	2	0	0	6	2

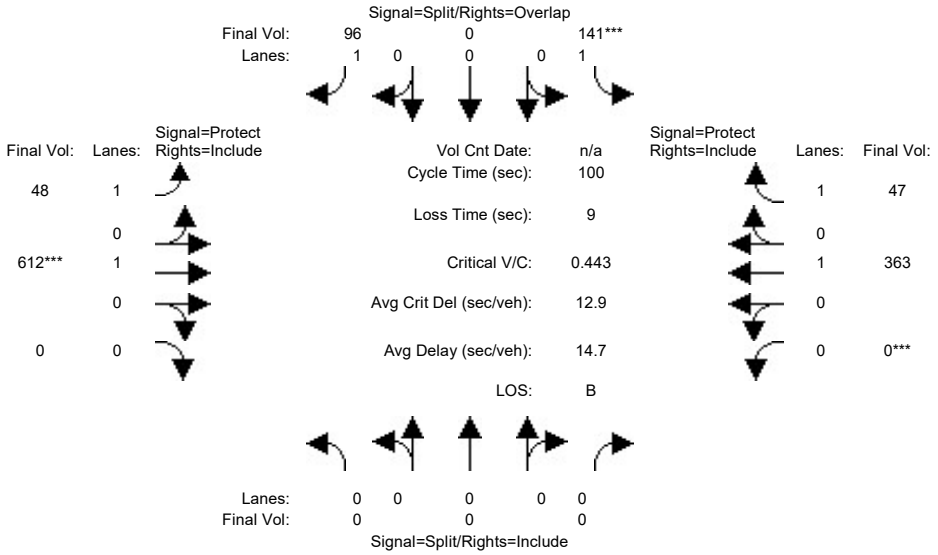
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	141	0	96	48	612	0	0	363	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	141	0	96	48	612	0	0	363	47
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	141	0	96	48	612	0	0	363	47
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	141	0	96	48	612	0	0	363	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	141	0	96	48	612	0	0	363	47
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	141	0	96	48	612	0	0	363	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.08	0.00	0.05	0.03	0.32	0.00	0.00	0.19	0.03
Crit Moves:				****				****		****		
Green Time:	0.0	0.0	0.0	18.2	0.0	37.7	19.5	72.8	0.0	0.0	53.3	53.3
Volume/Cap:	0.00	0.00	0.00	0.44	0.00	0.15	0.14	0.44	0.00	0.00	0.36	0.05
Delay/Veh:	0.0	0.0	0.0	40.8	0.0	21.0	34.2	6.5	0.0	0.0	14.5	11.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	40.8	0.0	21.0	34.2	6.5	0.0	0.0	14.5	11.3
LOS by Move:	A	A	A	D	A	C+	C-	A	A	A	B	B+
HCM2kAvgQ:	0	0	0	5	0	2	1	8	0	0	6	1

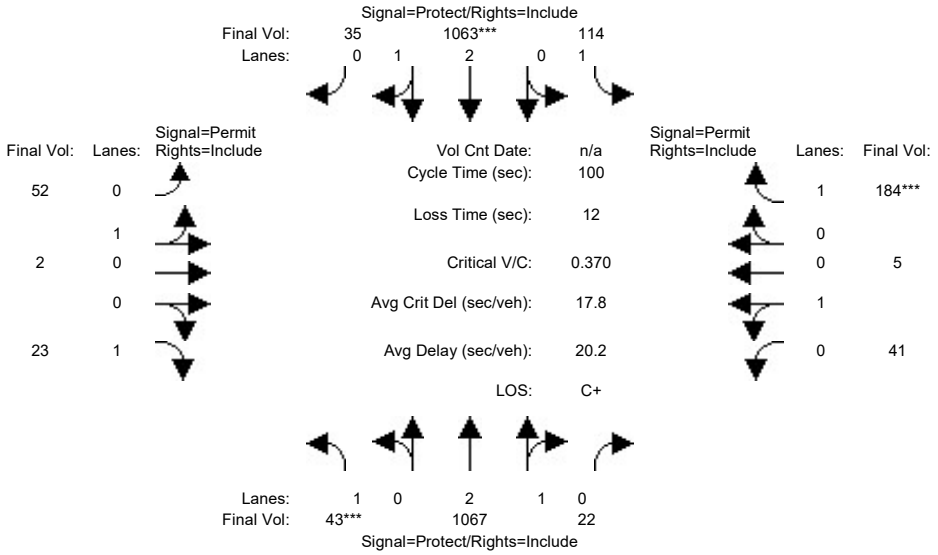
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	43	1051	22	114	1060	35	52	2	23	41	5	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	1051	22	114	1060	35	52	2	23	41	5	184
Added Vol:	0	16	0	0	3	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	1067	22	114	1063	35	52	2	23	41	5	184
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	1067	22	114	1063	35	52	2	23	41	5	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	1067	22	114	1063	35	52	2	23	41	5	184
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	1067	22	114	1063	35	52	2	23	41	5	184
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.94	0.06	1.00	2.90	0.10	0.96	0.04	1.00	0.89	0.11	1.00
Final Sat.:	1750	5487	113	1750	5421	178	1733	67	1750	1604	196	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.07	0.20	0.20	0.03	0.03	0.01	0.03	0.03	0.11
Crit Moves:	****				****							****
Green Time:	7.0	43.9	43.9	15.8	52.7	52.7	28.3	28.3	28.3	28.3	28.3	28.3
Volume/Cap:	0.35	0.44	0.44	0.41	0.37	0.37	0.11	0.11	0.05	0.09	0.09	0.37
Delay/Veh:	52.1	20.1	20.1	42.4	14.3	14.3	26.9	26.9	26.2	26.7	26.7	30.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.1	20.1	20.1	42.4	14.3	14.3	26.9	26.9	26.2	26.7	26.7	30.9
LOS by Move:	D-	C+	C+	D	B	B	C	C	C	C	C	C
HCM2kAvgQ:	1	8	8	3	7	7	1	1	1	1	1	5

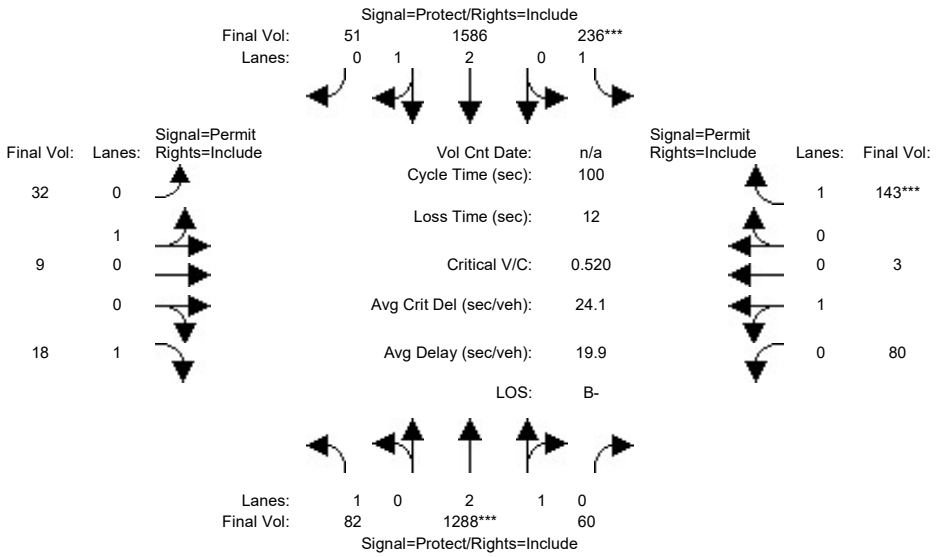
Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	82	1283	60	236	1565	51	32	9	18	80	3	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	82	1283	60	236	1565	51	32	9	18	80	3	143
Added Vol:	0	5	0	0	21	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	1288	60	236	1586	51	32	9	18	80	3	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	82	1288	60	236	1586	51	32	9	18	80	3	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	1288	60	236	1586	51	32	9	18	80	3	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	82	1288	60	236	1586	51	32	9	18	80	3	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.86	0.14	1.00	2.90	0.10	0.78	0.22	1.00	0.96	0.04	1.00
Final Sat.:	1750	5350	249	1750	5425	174	1405	395	1750	1735	65	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.24	0.24	0.13	0.29	0.29	0.02	0.02	0.01	0.05	0.05	0.08
Crit Moves:		****		****								****
Green Time:	14.0	46.3	46.3	26.0	58.3	58.3	15.7	15.7	15.7	15.7	15.7	15.7
Volume/Cap:	0.34	0.52	0.52	0.52	0.50	0.50	0.14	0.14	0.07	0.29	0.29	0.52
Delay/Veh:	42.5	19.7	19.7	35.9	12.8	12.8	37.4	37.4	36.3	39.8	39.8	45.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.5	19.7	19.7	35.9	12.8	12.8	37.4	37.4	36.3	39.8	39.8	45.5
LOS by Move:	D	B-	B-	D+	B	B	D+	D+	D+	D	D	D
HCM2kAvgQ:	2	10	10	7	10	10	1	1	1	3	3	5

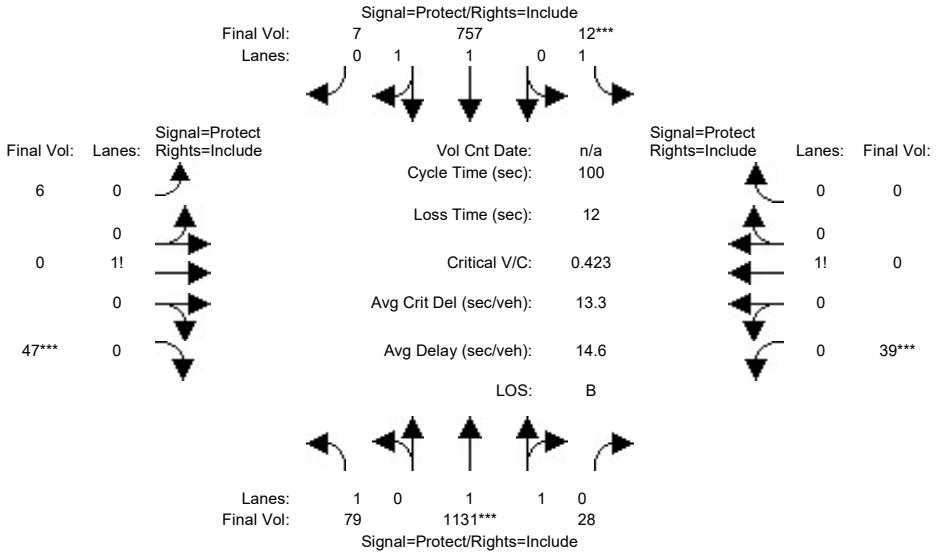
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	1047	28	12	741	7	6	0	47	39	0	0
Added Vol:	0	84	0	0	16	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	1131	28	12	757	7	6	0	47	39	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	1131	28	12	757	7	6	0	47	39	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	79	1131	28	12	757	7	6	0	47	39	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	79	1131	28	12	757	7	6	0	47	39	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.95	0.05	1.00	1.98	0.02	0.11	0.00	0.89	1.00	0.00	0.00
Final Sat.:	1750	3611	89	1750	3666	34	198	0	1552	1750	0	0
Capacity Analysis Module:												
Vol/Sat:	0.05	0.31	0.31	0.01	0.21	0.21	0.03	0.00	0.03	0.02	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	18.0	64.0	64.0	7.0	53.0	53.0	17.0	0.0	10.0	7.0	0.0	0.0
Volume/Cap:	0.25	0.49	0.49	0.10	0.39	0.39	0.18	0.00	0.30	0.32	0.00	0.00
Delay/Veh:	37.1	10.2	10.2	45.1	14.5	14.5	36.8	0.0	46.2	50.9	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.1	10.2	10.2	45.1	14.5	14.5	36.8	0.0	46.2	50.9	0.0	0.0
LOS by Move:	D+	B+	B+	D	B	B	D+	A	D	D	A	A
HCM2kAvgQ:	2	10	10	0	7	7	2	0	2	2	0	0

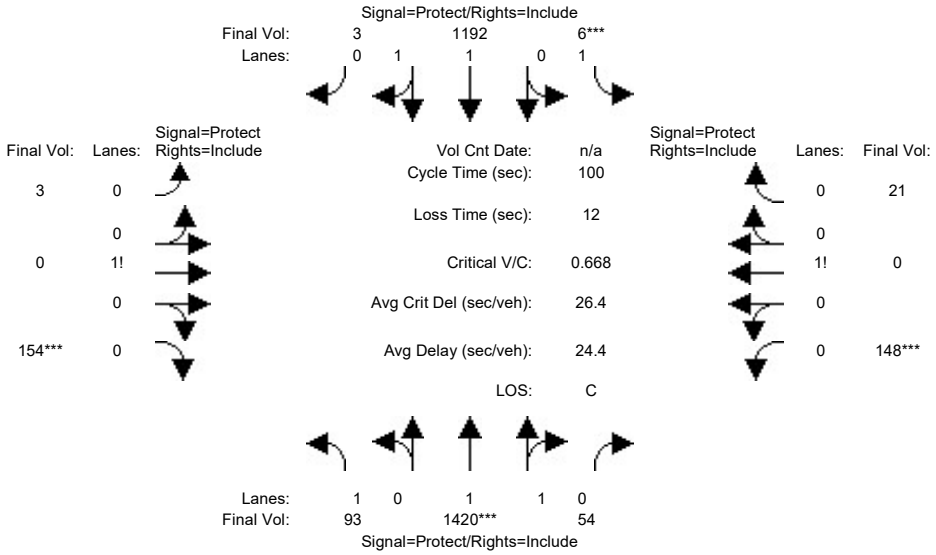
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	93	1401	54	6	1108	3	3	0	154	148	0	21
Added Vol:	0	19	0	0	84	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	93	1420	54	6	1192	3	3	0	154	148	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	93	1420	54	6	1192	3	3	0	154	148	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	93	1420	54	6	1192	3	3	0	154	148	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	93	1420	54	6	1192	3	3	0	154	148	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.92	0.08	1.00	1.99	0.01	0.02	0.00	0.98	0.88	0.00	0.12
Final Sat.:	1750	3564	136	1750	3691	9	33	0	1717	1533	0	217
Capacity Analysis Module:												
Vol/Sat:	0.05	0.40	0.40	0.00	0.32	0.32	0.09	0.00	0.09	0.10	0.00	0.10
Crit Moves:		****		****					****	****		
Green Time:	11.1	55.2	55.2	7.0	51.1	51.1	12.4	0.0	12.4	13.4	0.0	13.4
Volume/Cap:	0.48	0.72	0.72	0.05	0.63	0.63	0.72	0.00	0.72	0.72	0.00	0.72
Delay/Veh:	50.0	18.9	18.9	44.1	19.3	19.3	60.8	0.0	60.8	59.0	0.0	59.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	50.0	18.9	18.9	44.1	19.3	19.3	60.8	0.0	60.8	59.0	0.0	59.0
LOS by Move:	D	B-	B-	D	B-	B-	E	A	E	E+	A	E+
HCM2kAvgQ:	3	18	18	0	13	13	7	0	7	7	0	7

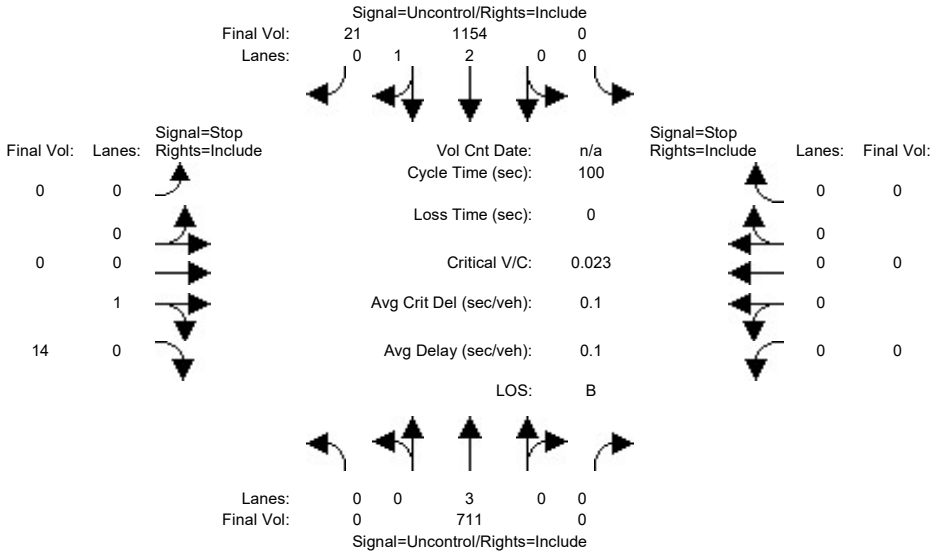
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	697	0	0	1085	21	0	0	14	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	697	0	0	1085	21	0	0	14	0	0	0
Added Vol:	0	14	0	0	69	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	711	0	0	1154	21	0	0	14	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	711	0	0	1154	21	0	0	14	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	711	0	0	1154	21	0	0	14	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	395	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	610	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	610	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.02	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	11.0	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			11.0			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  711     0     0 1154    21     0    0    14     0    0     0
ApproachDel:    xxxxxx           xxxxxx            11.0           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1900]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  711     0     0 1154    21     0    0    14     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1886
Minor Approach Volume:           14
Minor Approach Volume Threshold: 66 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

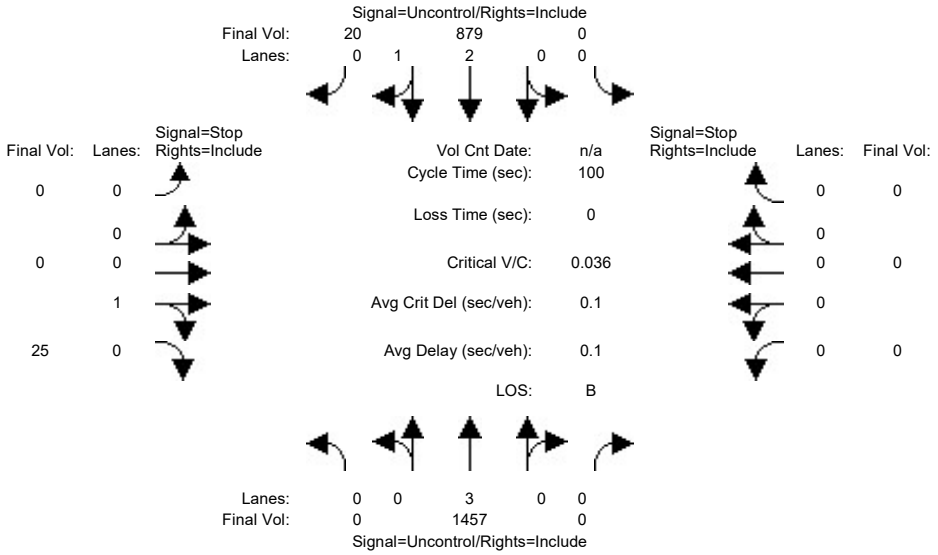
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	1369	0	0	859	20	0	0	25	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1369	0	0	859	20	0	0	25	0	0	0
Added Vol:	0	88	0	0	20	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1457	0	0	879	20	0	0	25	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1457	0	0	879	20	0	0	25	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	1457	0	0	879	20	0	0	25	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	303	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	699	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	699	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.04	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	10.3	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	B	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			10.3			xxxxxx		
ApproachLOS:	*			*			B			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1457     0     0  879    20     0    0    25     0    0     0
ApproachDel:    xxxxxx           xxxxxx            10.3           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=25]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2381]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  3  0  0    0  0  2  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1457     0     0  879    20     0    0    25     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2356
Minor Approach Volume:           25
Minor Approach Volume Threshold: -10 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

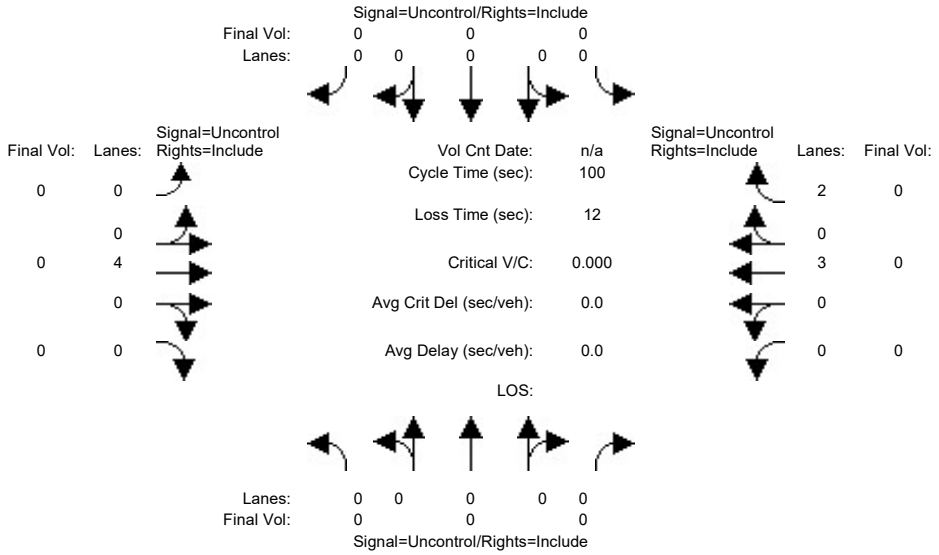
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - AM

Intersection #2500: 17/CAMDEN(N)



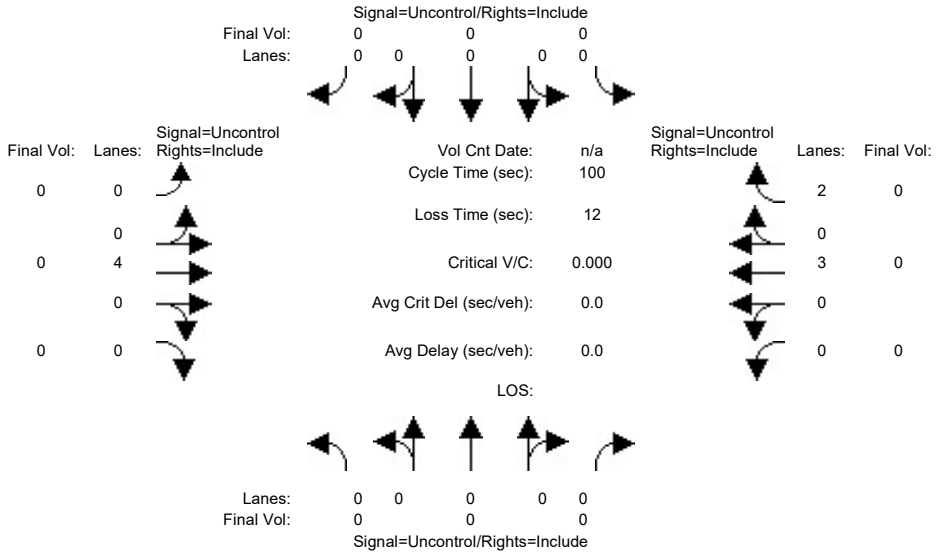
Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	2256	0	0	3667	646
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	2256	0	0	3667	646
Added Vol:	0	0	0	0	0	0	0	40	0	0	5	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FinalVolume:	0	0	0	0	0	0	0	0	0	0	0	0
Critical Gap Module: >> Population:0 << >> Run Speed(N/S): 30 MPH <<												
Critical Gp:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Module:												
Cnflict Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Potent Cap.:	0	0	0	0	0	0	0	0	0	0	0	0
Level Of Service Module:												
LOS by Move:												
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	0	0	0	0	0	0	0	0	0	0	0	0

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background+Project Buildout (419+MOB) Conditions - PM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	3666	0	0	1828	348
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	3666	0	0	1828	348
Added Vol:	0	0	0	0	0	0	0	10	0	0	32	14
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FinalVolume:	0	0	0	0	0	0	0	0	0	0	0	0
Critical Gap Module: >> Population:0 << >> Run Speed(N/S): 30 MPH <<												
Critical Gp:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Module:												
Cnflict Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Potent Cap.:	0	0	0	0	0	0	0	0	0	0	0	0
Level Of Service Module:												
LOS by Move:												
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	0	0	0	0	0	0	0	0	0	0	0	0

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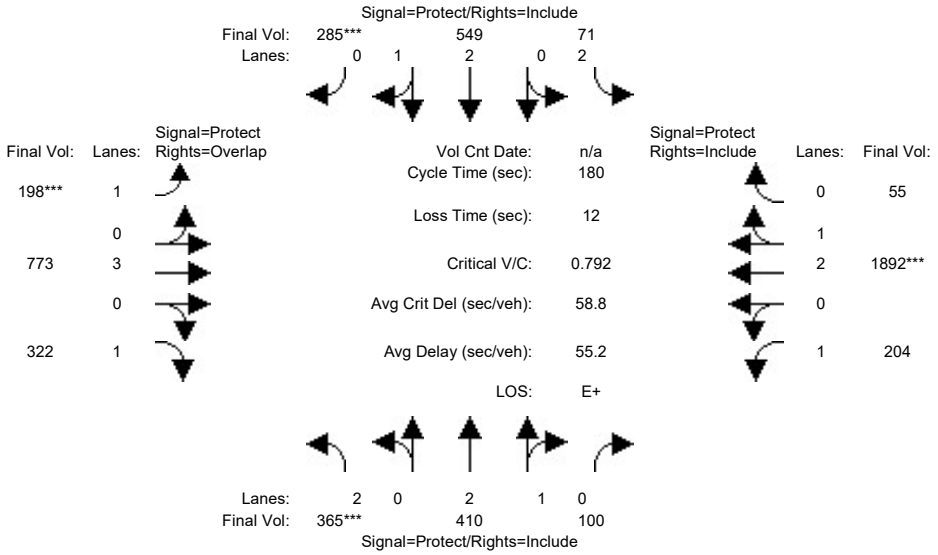
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Appendix H – Traffix Intersection Operations Analysis – Cumulative Conditions

GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	365	410	100	71	549	285	198	773	322	204	1892	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	410	100	71	549	285	198	773	322	204	1892	55
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	365	410	100	71	549	285	198	773	322	204	1892	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	365	410	100	71	549	285	198	773	322	204	1892	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	365	410	100	71	549	285	198	773	322	204	1892	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	365	410	100	71	549	285	198	773	322	204	1892	55
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	2.00	2.39	0.61	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.91	0.09
Final Sat.:	3150	4501	1098	3150	3800	1750	1750	5700	1750	1750	5442	158
Capacity Analysis Module:												
Vol/Sat:	0.12	0.09	0.09	0.02	0.14	0.16	0.11	0.14	0.18	0.12	0.35	0.35
Crit Moves:	****					****	****				****	
Green Time:	26.3	44.4	44.4	18.9	37.0	37.0	25.7	56.3	82.6	48.4	79.0	79.0
Volume/Cap:	0.79	0.37	0.37	0.21	0.70	0.79	0.79	0.43	0.40	0.43	0.79	0.79
Delay/Veh:	83.3	56.4	56.4	74.0	68.3	72.0	90.3	49.3	32.6	55.1	45.3	45.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.3	56.4	56.4	74.0	68.3	72.0	90.3	49.3	32.6	55.1	45.3	45.3
LOS by Move:	F	E+	E+	E	E	E	F	D	C-	E+	D	D
HCM2kAvgQ:	12	8	8	2	15	18	12	11	12	10	32	32

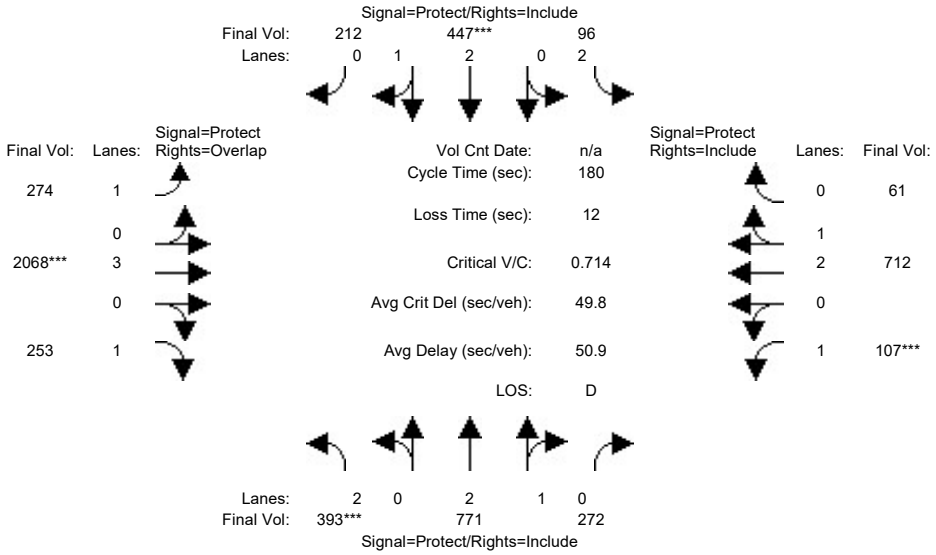
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	393	771	272	96	447	212	274	2068	253	107	712	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	393	771	272	96	447	212	274	2068	253	107	712	61
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	393	771	272	96	447	212	274	2068	253	107	712	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	393	771	272	96	447	212	274	2068	253	107	712	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	393	771	272	96	447	212	274	2068	253	107	712	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	393	771	272	96	447	212	274	2068	253	107	712	61
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.95	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.19	0.81	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.75	0.25
Final Sat.:	3150	4138	1460	3150	3797	1800	1750	5700	1750	1750	5158	442
Capacity Analysis Module:												
Vol/Sat:	0.12	0.19	0.19	0.03	0.12	0.12	0.16	0.36	0.14	0.06	0.14	0.14
Crit Moves:	****				****			****			****	
Green Time:	31.5	50.6	50.6	10.6	29.7	29.7	56.8	91.5	122.9	15.4	50.1	50.1
Volume/Cap:	0.71	0.66	0.66	0.52	0.71	0.71	0.50	0.71	0.21	0.71	0.50	0.50
Delay/Veh:	74.5	58.3	58.3	84.9	73.8	73.8	50.7	35.0	10.7	95.2	54.6	54.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	74.5	58.3	58.3	84.9	73.8	73.8	50.7	35.0	10.7	95.2	54.6	54.6
LOS by Move:	E	E+	E+	F	E	E	D	D+	B+	F	D-	D-
HCM2kAvgQ:	12	17	17	4	13	13	12	28	5	8	12	12

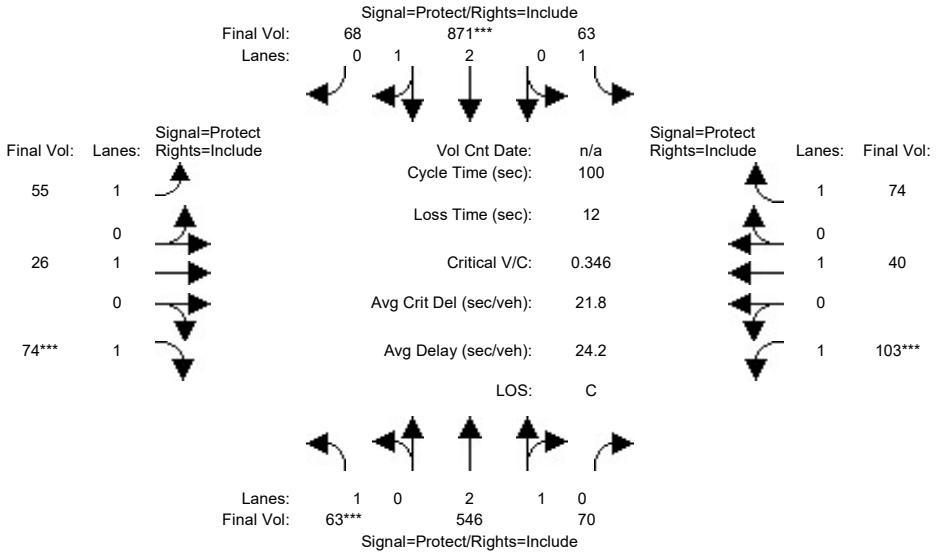
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	63	546	70	63	871	68	55	26	74	103	40	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	546	70	63	871	68	55	26	74	103	40	74
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	546	70	63	871	68	55	26	74	103	40	74
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	546	70	63	871	68	55	26	74	103	40	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	546	70	63	871	68	55	26	74	103	40	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	546	70	63	871	68	55	26	74	103	40	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.65	0.35	1.00	2.77	0.23	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	4963	636	1750	5194	405	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.11	0.11	0.04	0.17	0.17	0.03	0.01	0.04	0.06	0.02	0.04
Crit Moves:	****				****				****	****		
Green Time:	10.4	35.9	35.9	22.9	48.4	48.4	12.0	12.2	12.2	17.0	17.2	17.2
Volume/Cap:	0.35	0.31	0.31	0.16	0.35	0.35	0.26	0.11	0.35	0.35	0.12	0.25
Delay/Veh:	46.8	23.5	23.5	31.7	16.3	16.3	43.0	40.1	44.6	39.8	35.8	37.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.8	23.5	23.5	31.7	16.3	16.3	43.0	40.1	44.6	39.8	35.8	37.8
LOS by Move:	D	C	C	C	B	B	D	D	D	D	D+	D+
HCM2kAvgQ:	2	5	5	2	6	6	2	1	3	3	1	2

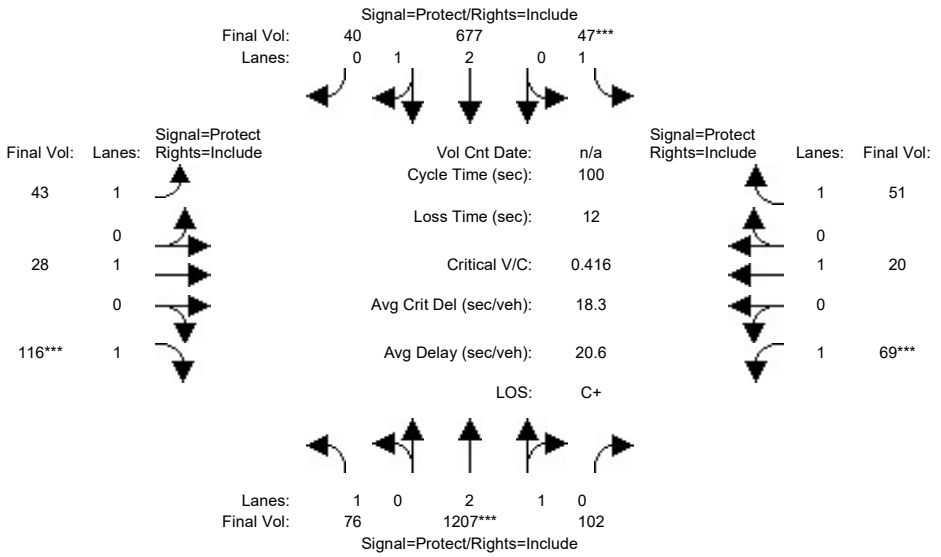
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	76	1207	102	47	677	40	43	28	116	69	20	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	1207	102	47	677	40	43	28	116	69	20	51
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	1207	102	47	677	40	43	28	116	69	20	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	1207	102	47	677	40	43	28	116	69	20	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	1207	102	47	677	40	43	28	116	69	20	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	1207	102	47	677	40	43	28	116	69	20	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.76	0.24	1.00	2.83	0.17	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5163	436	1750	5287	312	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.23	0.23	0.03	0.13	0.13	0.02	0.01	0.07	0.04	0.01	0.03
Crit Moves:		****		****					****	****		
Green Time:	22.2	55.8	55.8	7.0	40.6	40.6	10.4	15.8	15.8	9.4	14.8	14.8
Volume/Cap:	0.20	0.42	0.42	0.38	0.32	0.32	0.24	0.09	0.42	0.42	0.07	0.20
Delay/Veh:	32.8	13.2	13.2	53.3	20.6	20.6	44.2	36.6	42.6	50.4	37.1	39.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.8	13.2	13.2	53.3	20.6	20.6	44.2	36.6	42.6	50.4	37.1	39.0
LOS by Move:	C-	B	B	D-	C+	C+	D	D+	D	D	D+	D
HCM2kAvgQ:	2	8	8	1	5	5	1	1	4	3	1	2

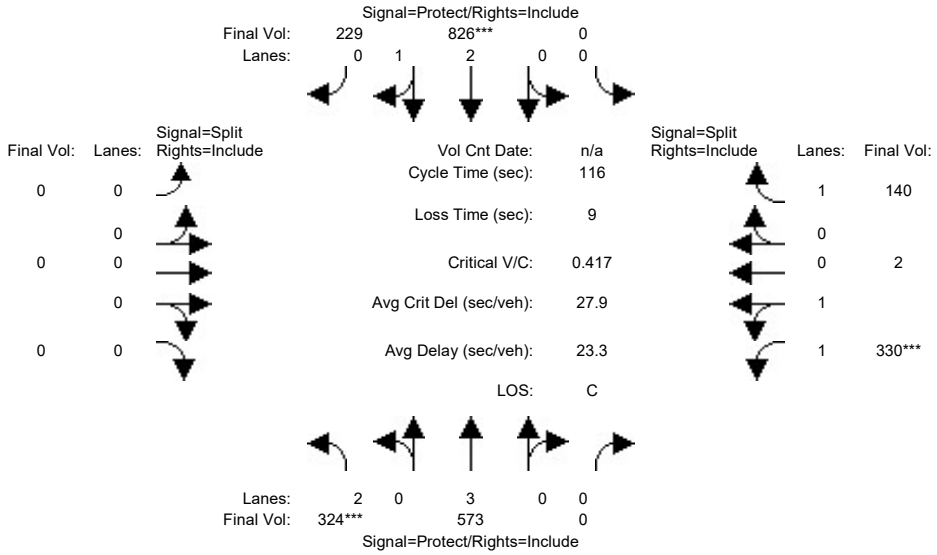
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	324	573	0	0	826	229	0	0	0	330	2	140
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	324	573	0	0	826	229	0	0	0	330	2	140
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	324	573	0	0	826	229	0	0	0	330	2	140
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	324	573	0	0	826	229	0	0	0	330	2	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	324	573	0	0	826	229	0	0	0	330	2	140
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	324	573	0	0	826	229	0	0	0	330	2	140
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.32	0.68	0.00	0.00	0.00	1.99	0.01	1.00
Final Sat.:	3150	5700	0	0	4383	1215	0	0	0	3529	21	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.10	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.09	0.09	0.08
Crit Moves:	****				****					****		
Green Time:	28.6	81.0	0.0	0.0	52.4	52.4	0.0	0.0	0.0	26.0	26.0	26.0
Volume/Cap:	0.42	0.14	0.00	0.00	0.42	0.42	0.00	0.00	0.00	0.42	0.42	0.36
Delay/Veh:	37.1	5.9	0.0	0.0	21.6	21.6	0.0	0.0	0.0	38.9	38.9	38.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.1	5.9	0.0	0.0	21.6	21.6	0.0	0.0	0.0	38.9	38.9	38.5
LOS by Move:	D+	A	A	A	C+	C+	A	A	A	D+	D+	D+
HCM2kAvgQ:	6	2	0	0	8	8	0	0	0	6	6	5

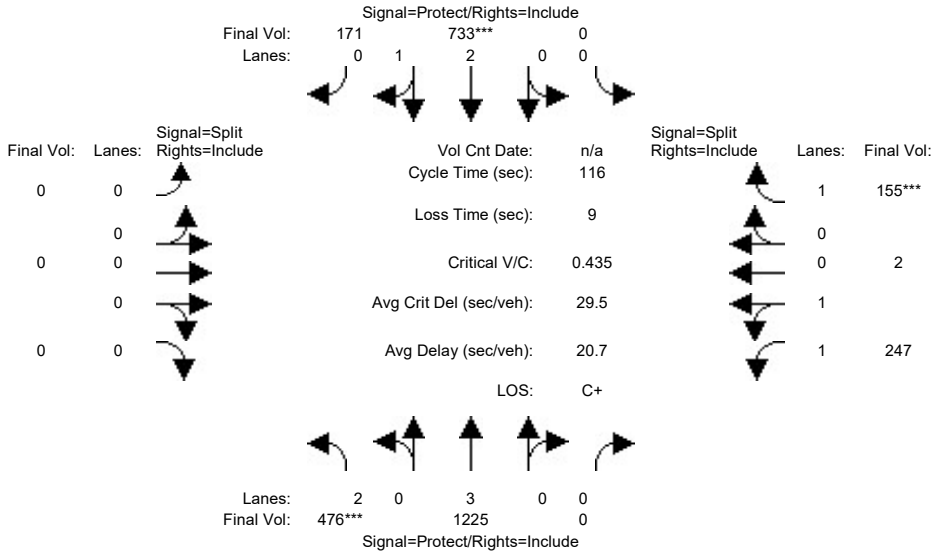
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	476	1225	0	0	733	171	0	0	0	247	2	155
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	476	1225	0	0	733	171	0	0	0	247	2	155
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	476	1225	0	0	733	171	0	0	0	247	2	155
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	476	1225	0	0	733	171	0	0	0	247	2	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	476	1225	0	0	733	171	0	0	0	247	2	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	476	1225	0	0	733	171	0	0	0	247	2	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.41	0.59	0.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	3150	5700	0	0	4539	1059	0	0	0	3521	29	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.21	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.07	0.07	0.09
Crit Moves:	****				****							****
Green Time:	40.3	83.4	0.0	0.0	43.1	43.1	0.0	0.0	0.0	23.6	23.6	23.6
Volume/Cap:	0.43	0.30	0.00	0.00	0.43	0.43	0.00	0.00	0.00	0.34	0.34	0.43
Delay/Veh:	29.4	5.9	0.0	0.0	27.5	27.5	0.0	0.0	0.0	39.8	39.8	41.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	29.4	5.9	0.0	0.0	27.5	27.5	0.0	0.0	0.0	39.8	39.8	41.2
LOS by Move:	C	A	A	A	C	C	A	A	A	D	D	D
HCM2kAvgQ:	7	5	0	0	8	8	0	0	0	4	4	5

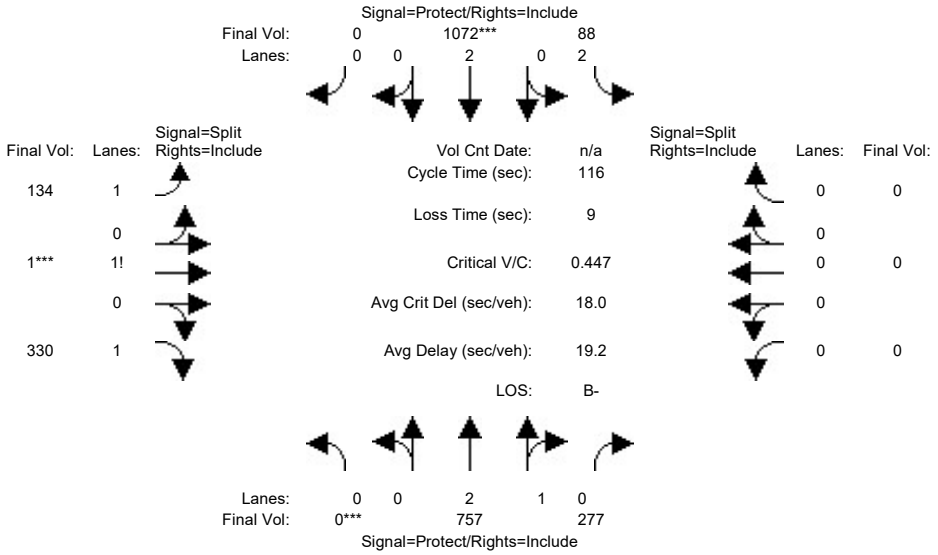
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	757	277	88	1072	0	134	1	330	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	757	277	88	1072	0	134	1	330	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	757	277	88	1072	0	134	1	330	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	757	277	88	1072	0	134	1	330	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	757	277	88	1072	0	134	1	330	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	757	277	88	1072	0	134	1	330	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.17	0.83	2.00	2.00	0.00	1.29	0.01	1.70	0.00	0.00	0.00
Final Sat.:	0	4098	1499	3150	3800	0	2263	8	3064	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.18	0.18	0.03	0.28	0.00	0.06	0.13	0.11	0.00	0.00	0.00
Crit Moves:	****				****			****				
Green Time:	0.0	55.1	55.1	18.0	73.2	0.0	33.8	33.8	33.8	0.0	0.0	0.0
Volume/Cap:	0.00	0.39	0.39	0.18	0.45	0.00	0.20	0.45	0.37	0.00	0.00	0.00
Delay/Veh:	0.0	19.7	19.7	42.8	11.2	0.0	31.0	33.8	32.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	19.7	19.7	42.8	11.2	0.0	31.0	33.8	32.8	0.0	0.0	0.0
LOS by Move:	A	B-	B-	D	B+	A	C	C-	C-	A	A	A
HCM2kAvgQ:	0	8	8	2	10	0	3	7	6	0	0	0

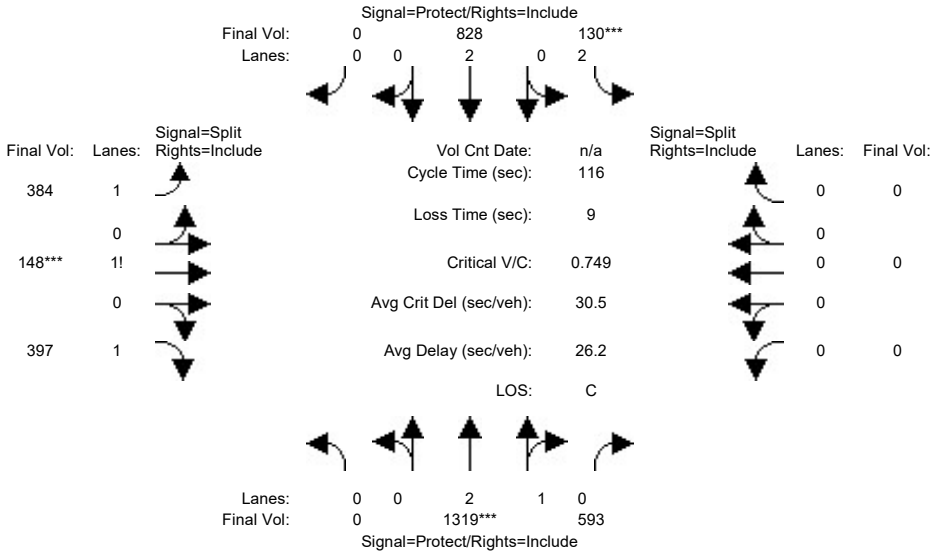
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1319	593	130	828	0	384	148	397	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1319	593	130	828	0	384	148	397	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1319	593	130	828	0	384	148	397	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1319	593	130	828	0	384	148	397	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1319	593	130	828	0	384	148	397	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1319	593	130	828	0	384	148	397	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	0.00	2.04	0.96	2.00	2.00	0.00	1.36	0.27	1.37	0.00	0.00	0.00
Final Sat.:	0	3861	1736	3150	3800	0	2374	481	2395	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.34	0.34	0.04	0.22	0.00	0.16	0.31	0.17	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	52.6	52.6	7.0	59.6	0.0	47.4	47.4	47.4	0.0	0.0	0.0
Volume/Cap:	0.00	0.75	0.75	0.68	0.42	0.00	0.40	0.75	0.41	0.00	0.00	0.00
Delay/Veh:	0.0	27.6	27.6	63.3	17.7	0.0	24.3	32.0	24.4	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.6	27.6	63.3	17.7	0.0	24.3	32.0	24.4	0.0	0.0	0.0
LOS by Move:	A	C	C	E	B	A	C	C	C	A	A	A
HCM2kAvgQ:	0	18	18	3	9	0	8	19	8	0	0	0

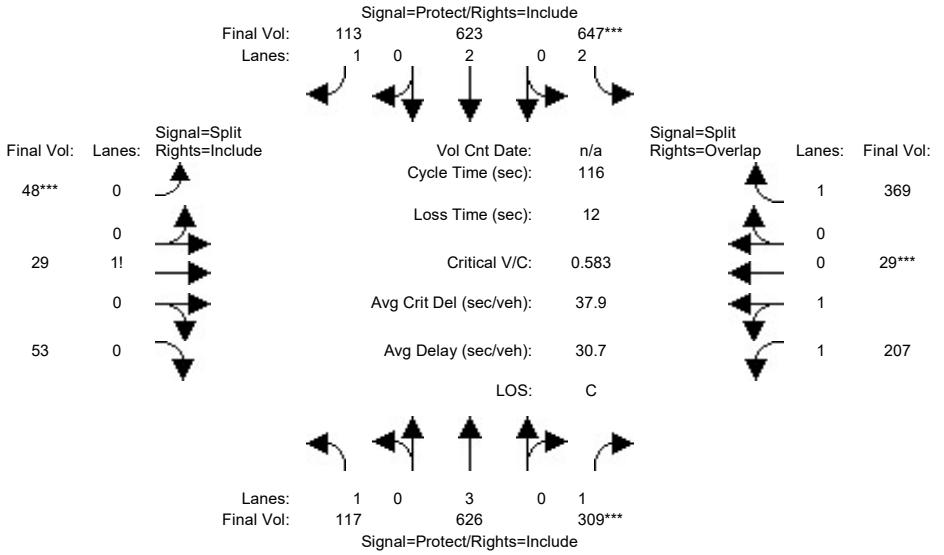
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	117	626	309	647	623	113	48	29	53	207	29	369
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	626	309	647	623	113	48	29	53	207	29	369
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	626	309	647	623	113	48	29	53	207	29	369
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	626	309	647	623	113	48	29	53	207	29	369
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	626	309	647	623	113	48	29	53	207	29	369
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	626	309	647	623	113	48	29	53	207	29	369
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.37	0.22	0.41	1.76	0.24	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	646	390	713	3114	436	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.18	0.21	0.16	0.06	0.07	0.07	0.07	0.07	0.07	0.21
Crit Moves:			****	****			****				****	
Green Time:	22.0	35.1	35.1	40.9	54.0	54.0	14.8	14.8	14.8	13.2	13.2	54.1
Volume/Cap:	0.35	0.36	0.58	0.58	0.35	0.14	0.58	0.58	0.58	0.58	0.58	0.45
Delay/Veh:	41.5	31.8	35.9	31.4	20.0	17.8	51.6	51.6	51.6	50.9	50.9	21.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.5	31.8	35.9	31.4	20.0	17.8	51.6	51.6	51.6	50.9	50.9	21.3
LOS by Move:	D	C	D+	C	B-	B	D-	D-	D-	D	D	C+
HCM2kAvgQ:	4	6	10	11	7	2	6	6	6	4	4	9

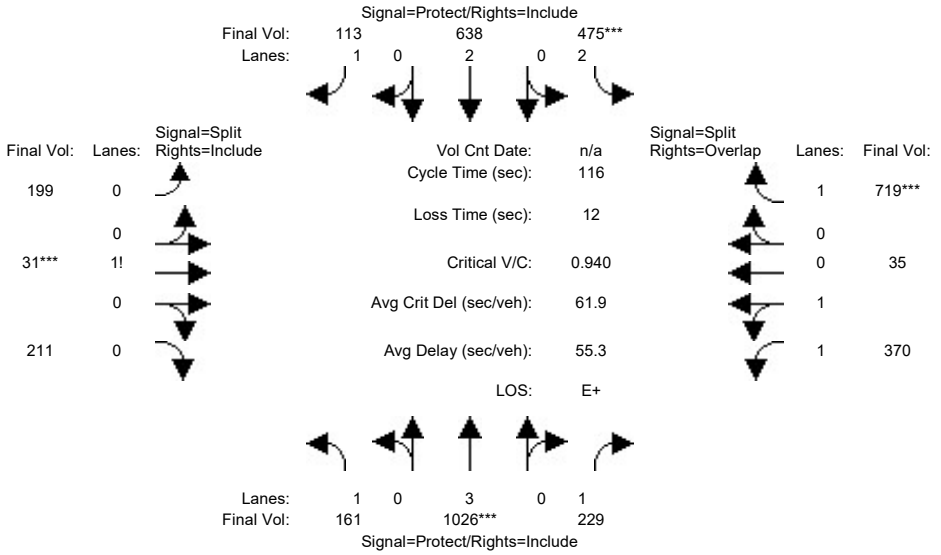
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	161	1026	229	475	638	113	199	31	211	370	35	719
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	161	1026	229	475	638	113	199	31	211	370	35	719
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	161	1026	229	475	638	113	199	31	211	370	35	719
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	161	1026	229	475	638	113	199	31	211	370	35	719
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	1026	229	475	638	113	199	31	211	370	35	719
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	161	1026	229	475	638	113	199	31	211	370	35	719
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.45	0.07	0.48	1.83	0.17	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	790	123	837	3243	307	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.18	0.13	0.15	0.17	0.06	0.25	0.25	0.25	0.11	0.11	0.41
Crit Moves:		****		****				****				****
Green Time:	14.4	22.2	22.2	18.6	26.4	26.4	31.1	31.1	31.1	32.1	32.1	50.7
Volume/Cap:	0.74	0.94	0.68	0.94	0.74	0.28	0.94	0.94	0.94	0.41	0.41	0.94
Delay/Veh:	61.5	61.3	49.4	74.0	45.0	37.4	68.7	68.7	68.7	34.5	34.5	50.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.5	61.3	49.4	74.0	45.0	37.4	68.7	68.7	68.7	34.5	34.5	50.6
LOS by Move:	E	E	D	E	D	D+	E	E	E	C-	C-	D
HCM2kAvgQ:	6	13	8	12	11	3	21	21	21	6	6	29

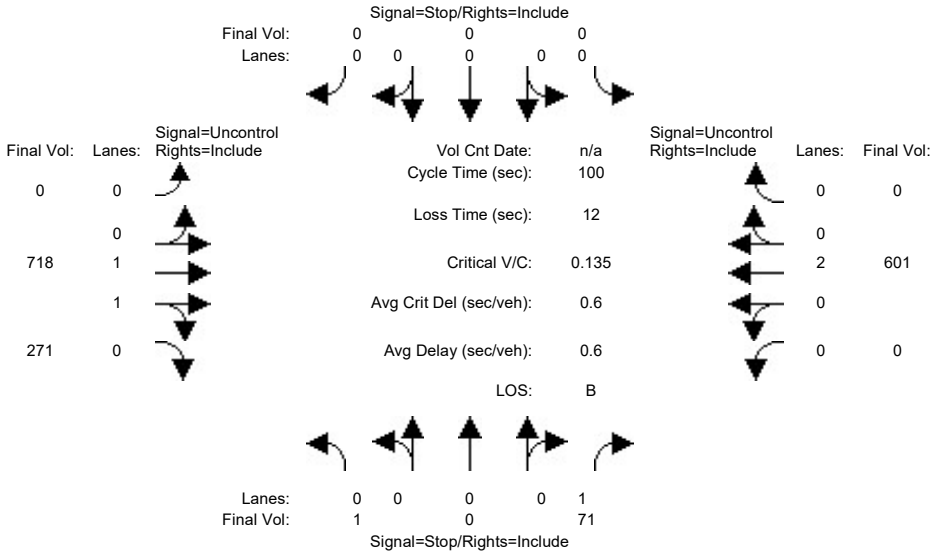
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	1	0	71	0	0	0	0	718	271	0	601	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	0	71	0	0	0	0	718	271	0	601	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	0	71	0	0	0	0	718	271	0	601	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1	0	71	0	0	0	0	718	271	0	601	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	1	0	71	0	0	0	0	718	271	0	601	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1154	1455	495	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	193	131	526	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	193	131	526	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.01	0.00	0.14	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	xxxx	514	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	13.1	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	B	*	*	*	*	*	*	*	*	*	*
ApproachDel:		13.1		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		B		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	718	271	0	601	0
ApproachDel:	13.1			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.3]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=72]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1662]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	718	271	0	601	0

Major Street Volume: 1590
Minor Approach Volume: 72
Minor Approach Volume Threshold: 125

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

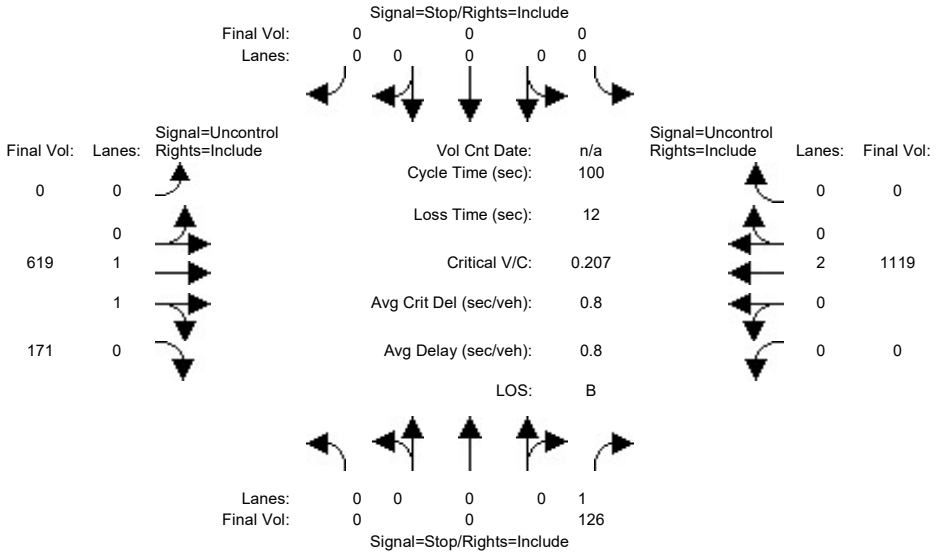
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	126	0	0	0	0	619	171	0	1119	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	126	0	0	0	0	619	171	0	1119	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	126	0	0	0	0	619	171	0	1119	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	126	0	0	0	0	619	171	0	1119	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	126	0	0	0	0	619	171	0	1119	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	395	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	610	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	610	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.21	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	0.8	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	12.4	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	12.4			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 1			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	0	0	126	0	0	0	0	619	171	0	1119	0
ApproachDel:	12.4			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=126]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2035]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 1			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	0	0	126	0	0	0	0	619	171	0	1119	0

Major Street Volume: 1909
Minor Approach Volume: 126
Minor Approach Volume Threshold: 62 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

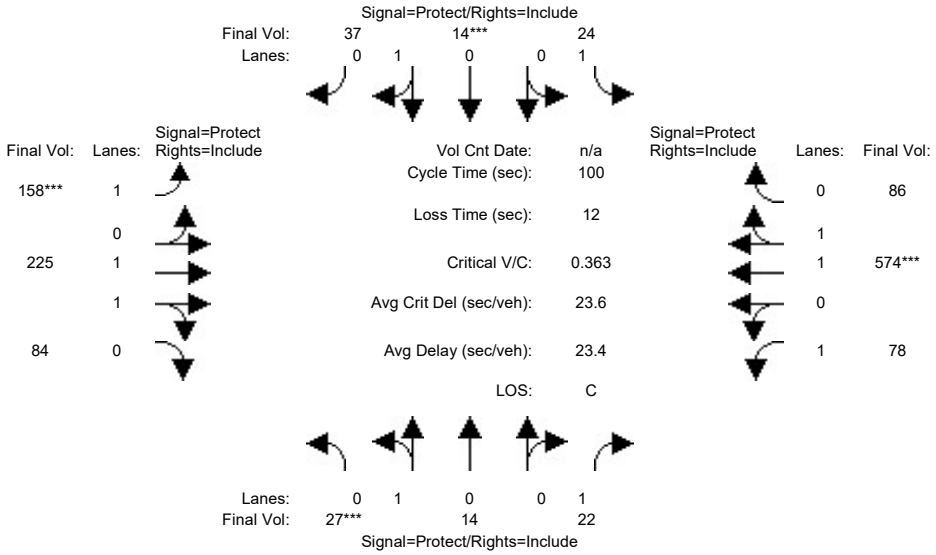
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	27	14	22	24	14	37	158	225	84	78	574	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	14	22	24	14	37	158	225	84	78	574	86
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	14	22	24	14	37	158	225	84	78	574	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	14	22	24	14	37	158	225	84	78	574	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	14	22	24	14	37	158	225	84	78	574	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	14	22	24	14	37	158	225	84	78	574	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.66	0.34	1.00	1.00	0.27	0.73	1.00	1.44	0.56	1.00	1.73	0.27
Final Sat.:	1185	615	1750	1750	494	1306	1750	2693	1006	1750	3218	482
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.01	0.03	0.03	0.09	0.08	0.08	0.04	0.18	0.18
Crit Moves:	****				****		****				****	
Green Time:	7.0	10.0	10.0	7.0	10.0	10.0	23.9	41.8	41.8	29.2	47.1	47.1
Volume/Cap:	0.33	0.23	0.13	0.20	0.28	0.28	0.38	0.20	0.20	0.15	0.38	0.38
Delay/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	34.5	18.8	18.8	26.8	17.6	17.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	34.5	18.8	18.8	26.8	17.6	17.6
LOS by Move:	D	D	D	D	D	D	C-	B-	B-	C	B	B
HCM2kAvgQ:	2	1	1	1	2	2	4	3	3	2	7	7

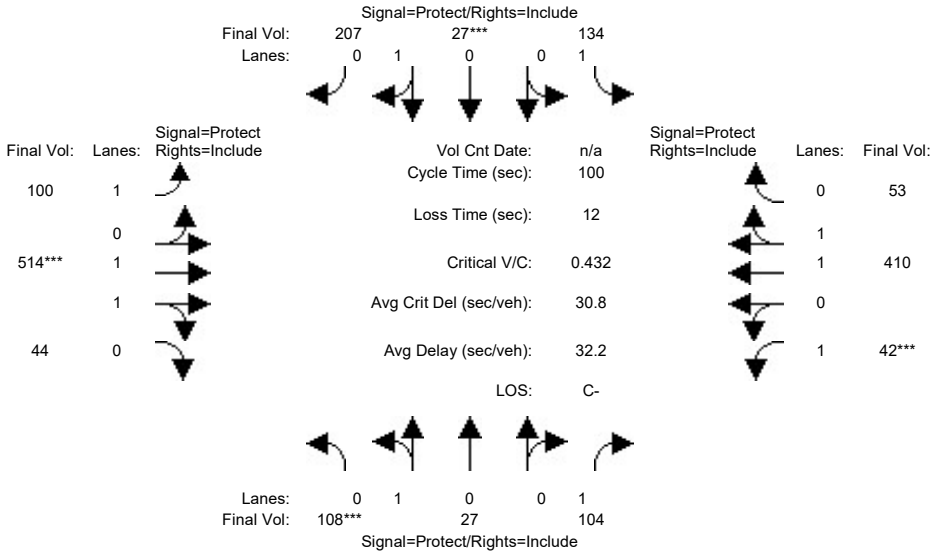
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	27	104	134	27	207	100	514	44	42	410	53
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	27	104	134	27	207	100	514	44	42	410	53
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	27	104	134	27	207	100	514	44	42	410	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	27	104	134	27	207	100	514	44	42	410	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	27	104	134	27	207	100	514	44	42	410	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	27	104	134	27	207	100	514	44	42	410	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.80	0.20	1.00	1.00	0.12	0.88	1.00	1.84	0.16	1.00	1.76	0.24
Final Sat.:	1440	360	1750	1750	208	1592	1750	3408	292	1750	3276	424
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.06	0.08	0.13	0.13	0.06	0.15	0.15	0.02	0.13	0.13
Crit Moves:	****			****			****			****		
Green Time:	17.1	26.4	26.4	20.2	29.6	29.6	14.8	34.3	34.3	7.0	26.5	26.5
Volume/Cap:	0.44	0.28	0.22	0.38	0.44	0.44	0.39	0.44	0.44	0.34	0.47	0.47
Delay/Veh:	41.7	30.7	29.9	37.5	31.1	31.1	42.8	26.5	26.5	51.8	32.5	32.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.7	30.7	29.9	37.5	31.1	31.1	42.8	26.5	26.5	51.8	32.5	32.5
LOS by Move:	D	C	C	D+	C	C	D	C	C	D-	C-	C-
HCM2kAvgQ:	4	4	3	4	6	6	3	6	6	2	6	6

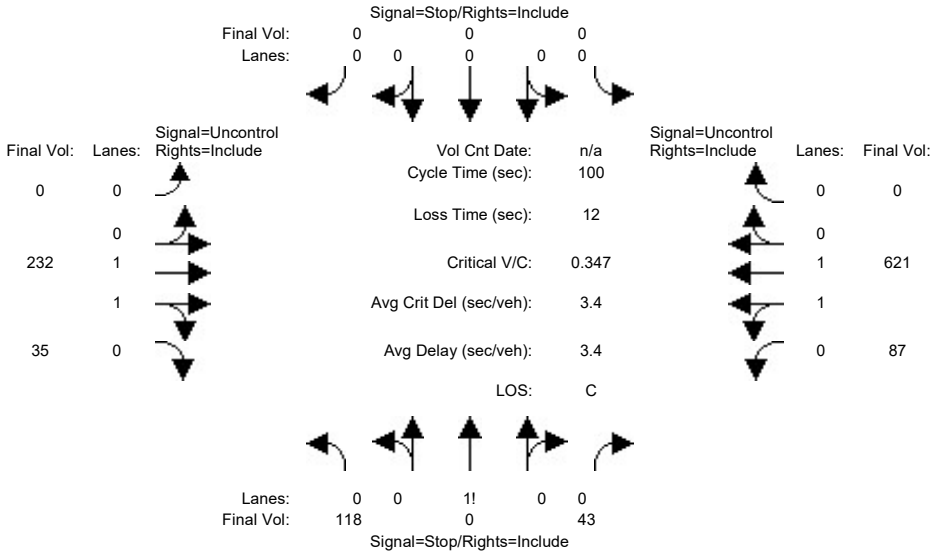
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	118	0	43	0	0	0	0	232	35	87	621	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	0	43	0	0	0	0	232	35	87	621	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	0	43	0	0	0	0	232	35	87	621	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	118	0	43	0	0	0	0	232	35	87	621	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	118	0	43	0	0	0	0	232	35	87	621	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	734	1045	134	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	267	xxxx	xxxxx
Potent Cap.:	360	231	897	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1308	xxxx	xxxxx
Move Cap.:	340	215	897	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1308	xxxx	xxxxx
Volume/Cap:	0.35	0.00	0.05	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.07	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.9	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	408	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	1.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Shrd ConDel:	xxxxx	19.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.9	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	A	*	*
ApproachDel:		19.5			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		C			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	43	0	0	0	0	232	35	87	621	0
ApproachDel:	19.5			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.9]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=161]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1136]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	43	0	0	0	0	232	35	87	621	0

Major Street Volume: 975
Minor Approach Volume: 161
Minor Approach Volume Threshold: 294

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

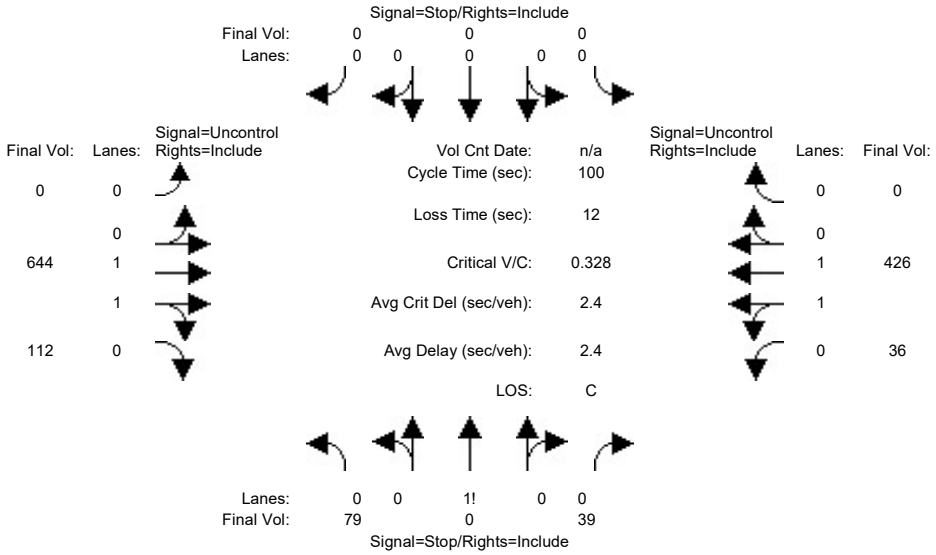
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Volume Module:												
Base Vol:	79	0	39	0	0	0	0	644	112	36	426	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	0	39	0	0	0	0	644	112	36	426	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	0	39	0	0	0	0	644	112	36	426	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	0	39	0	0	0	0	644	112	36	426	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	79	0	39	0	0	0	0	644	112	36	426	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	985	1198	378	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	756	xxxx	xxxxx
Potent Cap.:	249	187	625	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	864	xxxx	xxxxx
Move Cap.:	241	179	625	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	864	xxxx	xxxxx
Volume/Cap:	0.33	0.00	0.06	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.04	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.3	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	302	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	1.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.1	xxxx	xxxxx
Shrd ConDel:	xxxxx	24.4	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.3	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	A	*	*
ApproachDel:		24.4			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		C			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	39	0	0	0	0	644	112	36	426	0
ApproachDel:	24.4			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.8]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=118]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1336]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	39	0	0	0	0	644	112	36	426	0

Major Street Volume: 1218
Minor Approach Volume: 118
Minor Approach Volume Threshold: 217

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

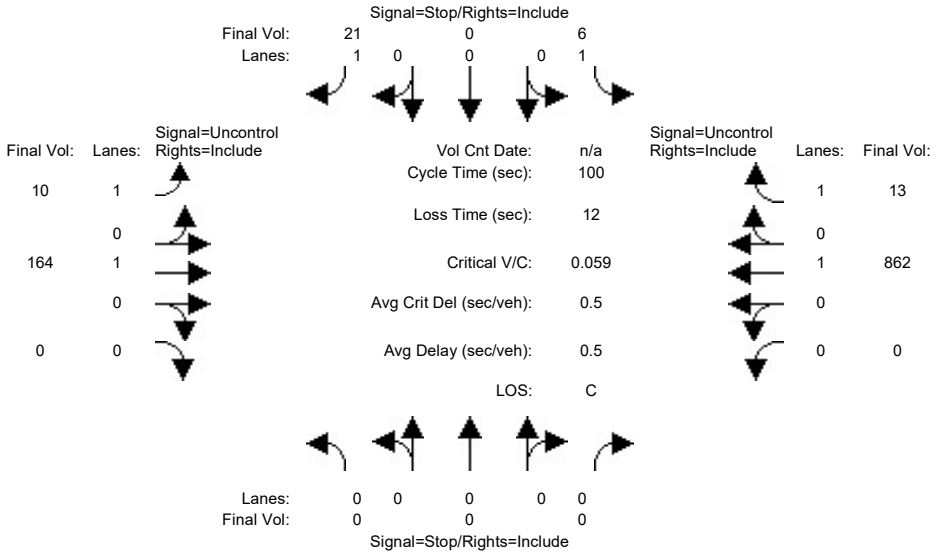
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	21	10	164	0	0	862	13
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	21	10	164	0	0	862	13
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	21	10	164	0	0	862	13
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	21	10	164	0	0	862	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	21	10	164	0	0	862	13
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1046	xxxx	862	875	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	255	xxxx	358	780	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	253	xxxx	358	780	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.02	xxxx	0.06	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.2	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	19.6	xxxx	15.7	9.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	C	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			16.6			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	21	10	164	0	0	862	13
ApproachDel:	xxxxxx			16.6			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=27]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1076]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	21	10	164	0	0	862	13

Major Street Volume: 1049
Minor Approach Volume: 27
Minor Approach Volume Threshold: 354

SIGNAL WARRANT DISCLAIMER
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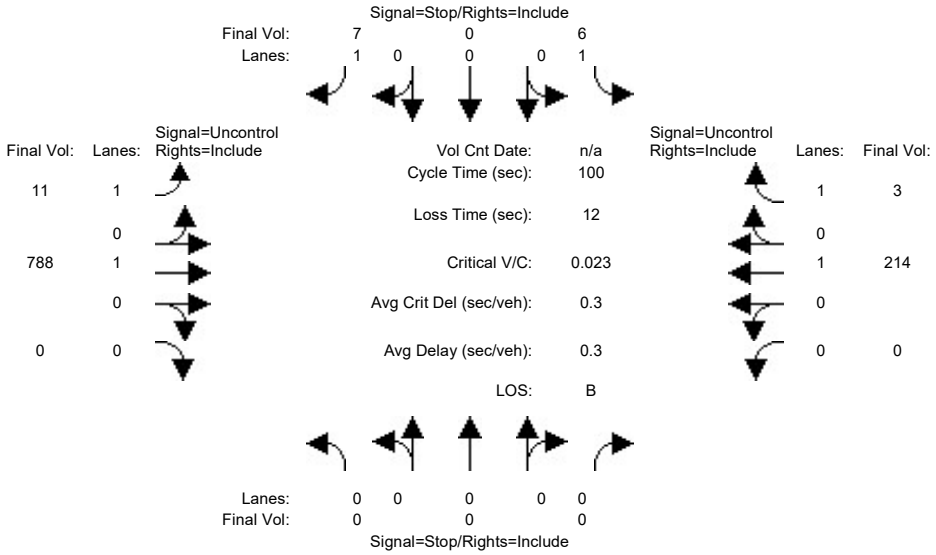
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	7	11	788	0	0	214	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	7	11	788	0	0	214	3
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	7	11	788	0	0	214	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	7	11	788	0	0	214	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	7	11	788	0	0	214	3
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1024	xxxx	214	217	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	263	xxxx	831	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	261	xxxx	831	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.02	xxxx	0.01	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.0	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	19.1	xxxx	9.4	7.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	A	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			13.9			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	7	11	788	0	0	214	3
ApproachDel:	xxxxxx			13.9			xxxxxx			xxxxxx		

Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=13]
FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1029]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			1 0 0 0 1			1 0 1 0 0			0 0 1 0 1		
Initial Vol:	0	0	0	6	0	7	11	788	0	0	214	3

Major Street Volume: 1016
Minor Approach Volume: 13
Minor Approach Volume Threshold: 367

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

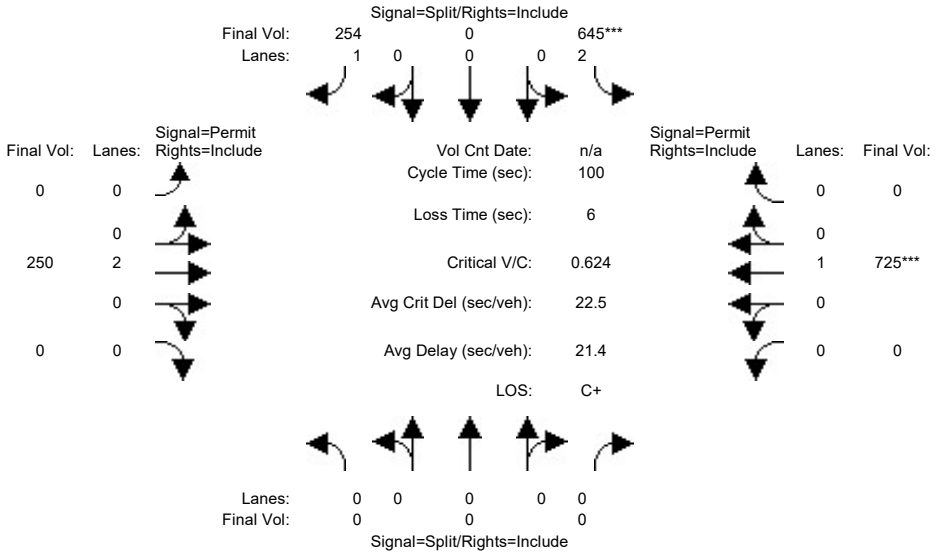
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	645	0	254	0	250	0	0	725	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	645	0	254	0	250	0	0	725	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	645	0	254	0	250	0	0	725	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	645	0	254	0	250	0	0	725	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	645	0	254	0	250	0	0	725	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	645	0	254	0	250	0	0	725	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.20	0.00	0.15	0.00	0.07	0.00	0.00	0.38	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	32.8	0.0	32.8	0.0	61.2	0.0	0.0	61.2	0.0
Volume/Cap:	0.00	0.00	0.00	0.62	0.00	0.44	0.00	0.11	0.00	0.00	0.62	0.00
Delay/Veh:	0.0	0.0	0.0	31.2	0.0	28.9	0.0	8.2	0.0	0.0	14.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	31.2	0.0	28.9	0.0	8.2	0.0	0.0	14.7	0.0
LOS by Move:	A	A	A	C	A	C	A	A	A	A	B	A
HCM2kAvgQ:	0	0	0	11	0	7	0	2	0	0	15	0

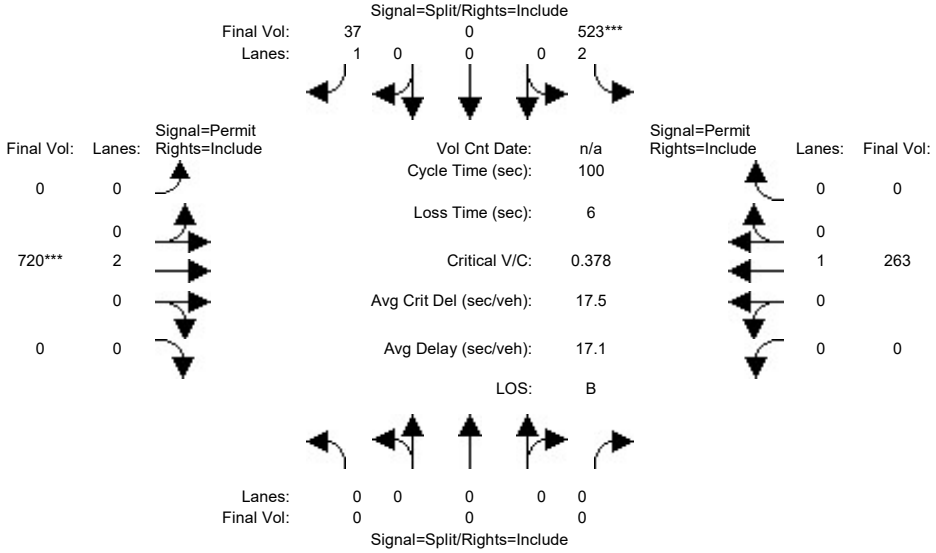
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	523	0	37	0	720	0	0	263	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	523	0	37	0	720	0	0	263	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	523	0	37	0	720	0	0	263	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	523	0	37	0	720	0	0	263	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	523	0	37	0	720	0	0	263	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	523	0	37	0	720	0	0	263	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.00	0.02	0.00	0.19	0.00	0.00	0.14	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	43.9	0.0	43.9	0.0	50.1	0.0	0.0	50.1	0.0
Volume/Cap:	0.00	0.00	0.00	0.38	0.00	0.05	0.00	0.38	0.00	0.00	0.28	0.00
Delay/Veh:	0.0	0.0	0.0	19.7	0.0	16.2	0.0	15.9	0.0	0.0	15.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	19.7	0.0	16.2	0.0	15.9	0.0	0.0	15.2	0.0
LOS by Move:	A	A	A	B-	A	B	A	B	A	A	B	A
HCM2kAvgQ:	0	0	0	6	0	1	0	7	0	0	5	0

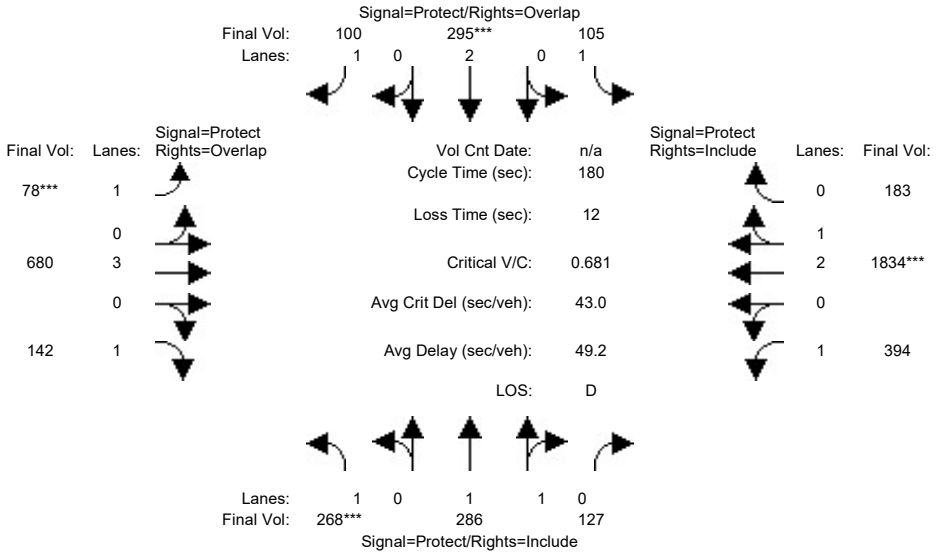
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	286	127	105	295	100	78	680	142	394	1834	183
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	268	286	127	105	295	100	78	680	142	394	1834	183
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	286	127	105	295	100	78	680	142	394	1834	183
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	268	286	127	105	295	100	78	680	142	394	1834	183
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.37	0.63	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	1750	2561	1137	1750	3800	1750	1750	5700	1750	1750	5091	508
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.06	0.08	0.06	0.04	0.12	0.08	0.23	0.36	0.36
Crit Moves:	****				****		****				****	
Green Time:	40.5	39.7	39.7	21.3	20.5	32.3	11.8	37.1	77.5	69.9	95.2	95.2
Volume/Cap:	0.68	0.51	0.51	0.51	0.68	0.32	0.68	0.58	0.19	0.58	0.68	0.68
Delay/Veh:	68.7	62.1	62.1	76.4	81.0	64.9	97.7	65.2	31.9	44.7	31.9	31.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.7	62.1	62.1	76.4	81.0	64.9	97.7	65.2	31.9	44.7	31.9	31.9
LOS by Move:	E	E	E	E-	F	E	F	E	C	D	C	C
HCM2kAvgQ:	15	10	10	6	9	5	6	12	5	18	27	27

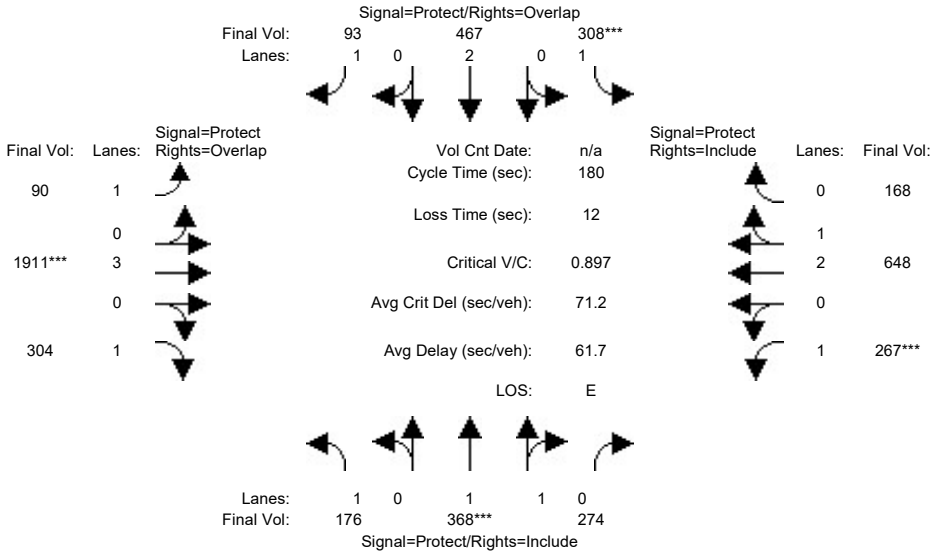
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	368	274	308	467	93	90	1911	304	267	648	168
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	368	274	308	467	93	90	1911	304	267	648	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	368	274	308	467	93	90	1911	304	267	648	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	368	274	308	467	93	90	1911	304	267	648	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.12	0.88	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.36	0.64
Final Sat.:	1750	2120	1578	1750	3800	1750	1750	5700	1750	1750	4446	1153
Capacity Analysis Module:												
Vol/Sat:	0.10	0.17	0.17	0.18	0.12	0.05	0.05	0.34	0.17	0.15	0.15	0.15
Crit Moves:		****		****				****		****		
Green Time:	31.6	34.8	34.8	35.3	38.6	64.1	25.5	67.3	98.8	30.6	72.3	72.3
Volume/Cap:	0.57	0.90	0.90	0.90	0.57	0.15	0.36	0.90	0.32	0.90	0.36	0.36
Delay/Veh:	70.7	84.9	84.9	95.5	64.3	39.5	70.8	58.6	22.3	100.8	37.8	37.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.7	84.9	84.9	95.5	64.3	39.5	70.8	58.6	22.3	100.8	37.8	37.8
LOS by Move:	E	F	F	F	E	D	E	E+	C+	F	D+	D+
HCM2kAvgQ:	10	21	21	21	12	4	5	35	9	18	10	10

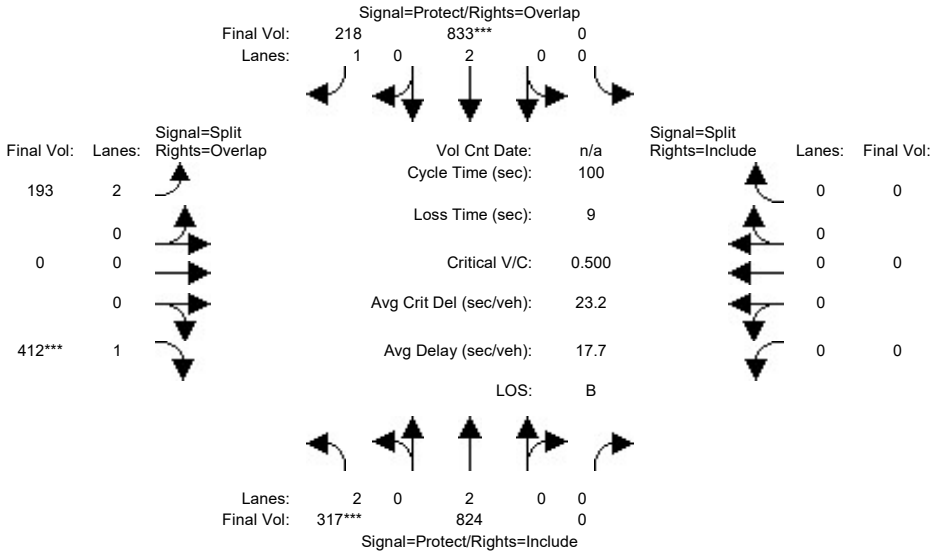
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	317	824	0	0	833	218	193	0	412	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	317	824	0	0	833	218	193	0	412	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	317	824	0	0	833	218	193	0	412	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	317	824	0	0	833	218	193	0	412	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	317	824	0	0	833	218	193	0	412	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	317	824	0	0	833	218	193	0	412	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.22	0.00	0.00	0.22	0.12	0.06	0.00	0.24	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	20.1	64.0	0.0	0.0	43.9	70.9	27.0	0.0	47.1	0.0	0.0	0.0
Volume/Cap:	0.50	0.34	0.00	0.00	0.50	0.18	0.23	0.00	0.50	0.00	0.00	0.00
Delay/Veh:	36.1	8.3	0.0	0.0	20.4	4.9	28.5	0.0	18.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.1	8.3	0.0	0.0	20.4	4.9	28.5	0.0	18.8	0.0	0.0	0.0
LOS by Move:	D+	A	A	A	C+	A	C	A	B-	A	A	A
HCM2kAvgQ:	5	6	0	0	9	2	3	0	10	0	0	0

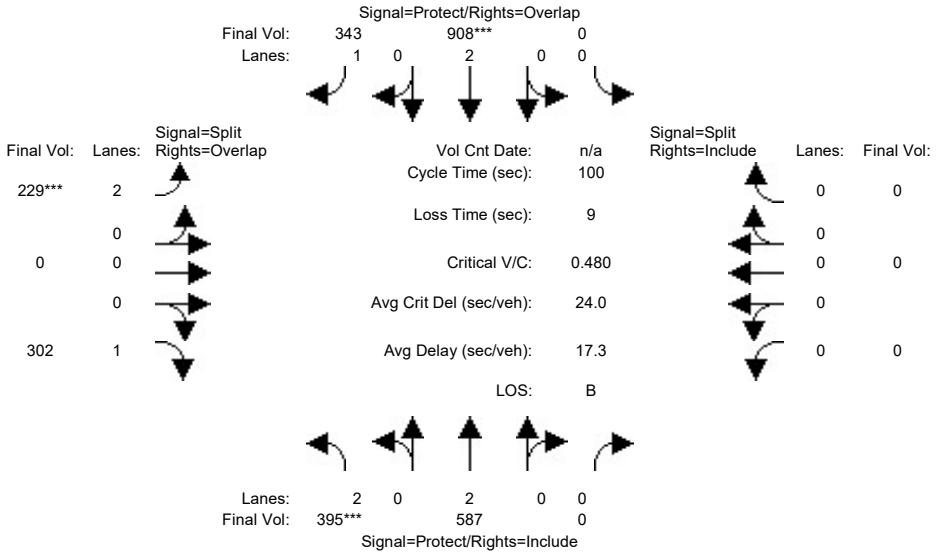
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	395	587	0	0	908	343	229	0	302	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	395	587	0	0	908	343	229	0	302	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	395	587	0	0	908	343	229	0	302	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	395	587	0	0	908	343	229	0	302	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	395	587	0	0	908	343	229	0	302	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	395	587	0	0	908	343	229	0	302	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.15	0.00	0.00	0.24	0.20	0.07	0.00	0.17	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	26.1	75.9	0.0	0.0	49.8	64.9	15.1	0.0	41.2	0.0	0.0	0.0
Volume/Cap:	0.48	0.20	0.00	0.00	0.48	0.30	0.48	0.00	0.42	0.00	0.00	0.00
Delay/Veh:	31.7	3.5	0.0	0.0	16.8	7.8	39.6	0.0	21.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.7	3.5	0.0	0.0	16.8	7.8	39.6	0.0	21.3	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	A	D	A	C+	A	A	A
HCM2kAvgQ:	6	3	0	0	9	5	4	0	7	0	0	0

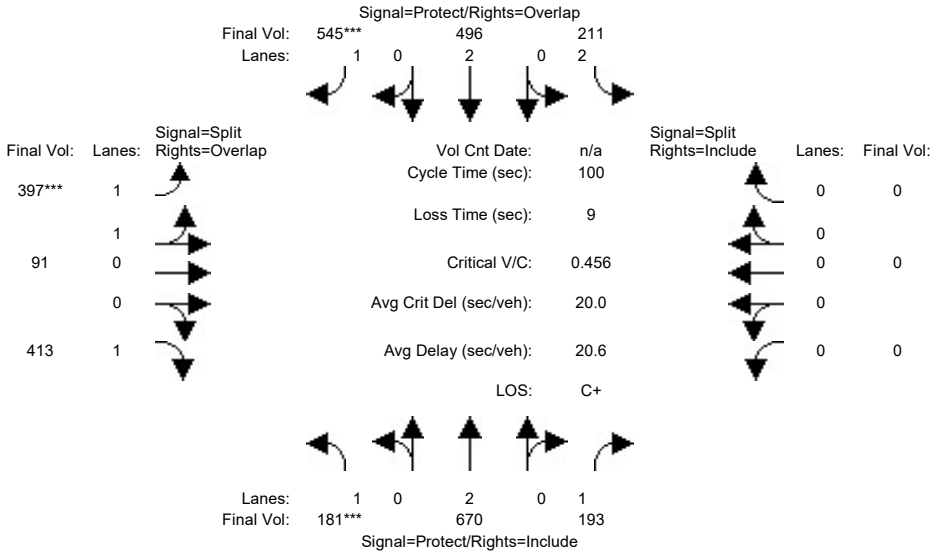
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	181	670	193	211	496	545	397	91	413	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	181	670	193	211	496	545	397	91	413	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	181	670	193	211	496	545	397	91	413	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	181	670	193	211	496	545	397	91	413	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	181	670	193	211	496	545	397	91	413	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	181	670	193	211	496	545	397	91	413	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.63	0.37	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2888	662	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.18	0.11	0.07	0.13	0.31	0.14	0.14	0.24	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	22.7	43.6	43.6	17.3	38.2	68.3	30.2	30.2	52.8	0.0	0.0	0.0
Volume/Cap:	0.46	0.40	0.25	0.39	0.34	0.46	0.46	0.46	0.45	0.00	0.00	0.00
Delay/Veh:	34.2	19.5	18.1	37.1	22.1	7.6	28.6	28.6	14.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.2	19.5	18.1	37.1	22.1	7.6	28.6	28.6	14.9	0.0	0.0	0.0
LOS by Move:	C-	B-	B-	D+	C+	A	C	C	B	A	A	A
HCM2kAvgQ:	5	7	4	3	5	8	6	6	8	0	0	0

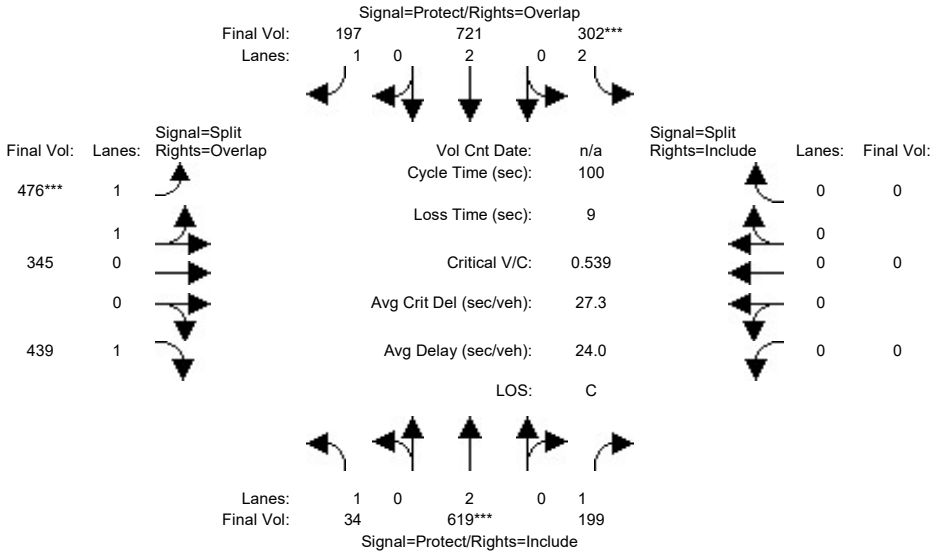
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	34	619	199	302	721	197	476	345	439	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	34	619	199	302	721	197	476	345	439	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	34	619	199	302	721	197	476	345	439	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	34	619	199	302	721	197	476	345	439	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	34	619	199	302	721	197	476	345	439	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	34	619	199	302	721	197	476	345	439	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.17	0.83	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2058	1492	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.16	0.11	0.10	0.19	0.11	0.23	0.23	0.25	0.00	0.00	0.00
Crit Moves:		****			****			****				
Green Time:	12.9	30.2	30.2	17.8	35.1	78.1	42.9	42.9	55.9	0.0	0.0	0.0
Volume/Cap:	0.15	0.54	0.38	0.54	0.54	0.14	0.54	0.54	0.45	0.00	0.00	0.00
Delay/Veh:	38.9	29.6	27.9	38.4	26.4	2.8	21.6	21.6	13.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.9	29.6	27.9	38.4	26.4	2.8	21.6	21.6	13.3	0.0	0.0	0.0
LOS by Move:	D+	C	C	D+	C	A	C+	C+	B	A	A	A
HCM2kAvgQ:	1	8	5	5	9	2	10	10	8	0	0	0

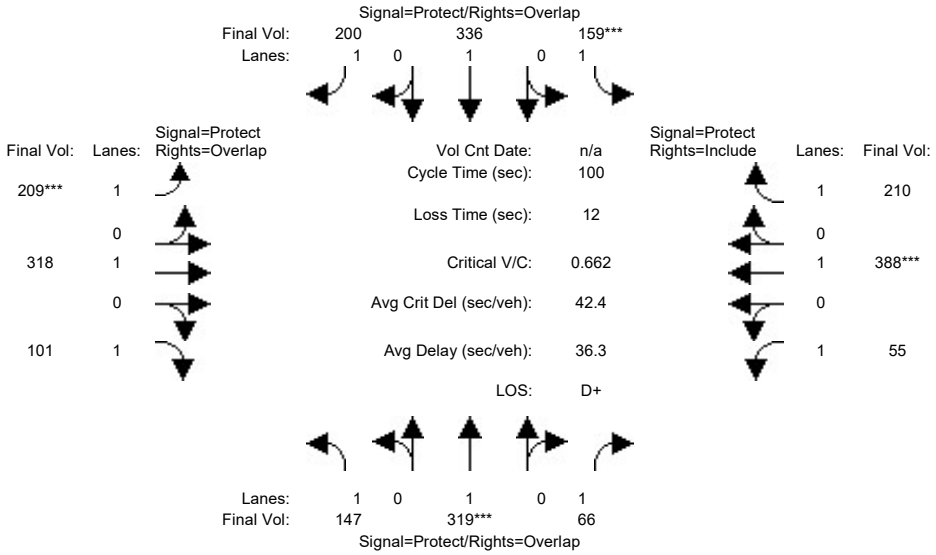
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	147	319	66	159	336	200	209	318	101	55	388	210
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	319	66	159	336	200	209	318	101	55	388	210
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	147	319	66	159	336	200	209	318	101	55	388	210
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	147	319	66	159	336	200	209	318	101	55	388	210
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	147	319	66	159	336	200	209	318	101	55	388	210
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	147	319	66	159	336	200	209	318	101	55	388	210
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.17	0.04	0.09	0.18	0.11	0.12	0.17	0.06	0.03	0.20	0.12
Crit Moves:		****			****			****			****	
Green Time:	12.6	25.4	39.8	13.7	26.5	44.6	18.0	34.5	47.1	14.4	30.9	30.9
Volume/Cap:	0.67	0.66	0.09	0.66	0.67	0.26	0.66	0.49	0.12	0.22	0.66	0.39
Delay/Veh:	56.6	40.5	19.1	54.4	39.7	18.2	48.6	28.3	15.2	39.8	35.8	29.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.6	40.5	19.1	54.4	39.7	18.2	48.6	28.3	15.2	39.8	35.8	29.3
LOS by Move:	E+	D	B-	D-	D	B-	D	C	B	D	D+	C
HCM2kAvgQ:	6	10	1	5	10	4	7	8	2	2	11	6

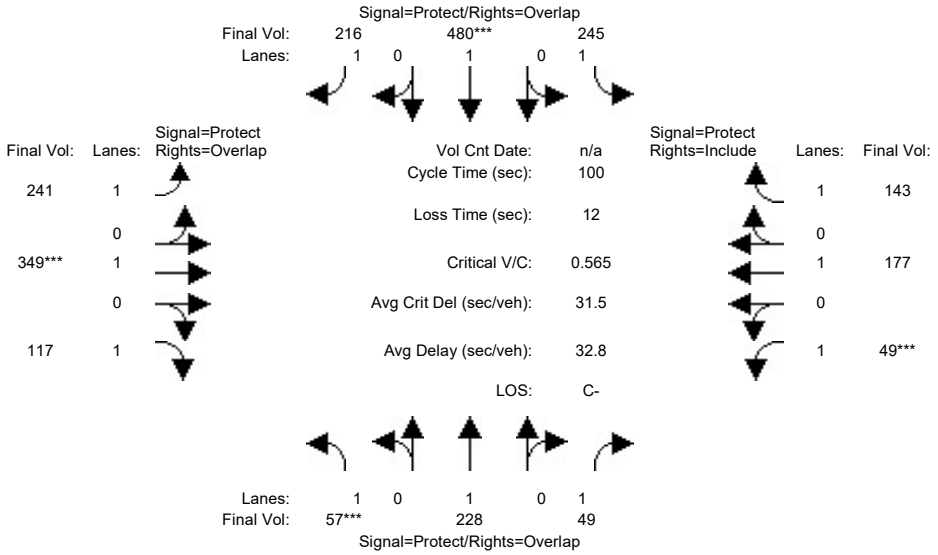
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	57	228	49	245	480	216	241	349	117	49	177	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	228	49	245	480	216	241	349	117	49	177	143
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	228	49	245	480	216	241	349	117	49	177	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	228	49	245	480	216	241	349	117	49	177	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	228	49	245	480	216	241	349	117	49	177	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	228	49	245	480	216	241	349	117	49	177	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.12	0.03	0.14	0.25	0.12	0.14	0.18	0.07	0.03	0.09	0.08
Crit Moves:	****				****			****			****	
Green Time:	7.0	23.0	30.0	26.8	42.8	64.9	22.1	31.2	38.2	7.0	16.1	16.1
Volume/Cap:	0.47	0.52	0.09	0.52	0.59	0.19	0.62	0.59	0.18	0.40	0.58	0.51
Delay/Veh:	56.9	38.1	25.6	35.2	25.0	7.4	42.6	33.3	21.1	54.0	46.7	44.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.9	38.1	25.6	35.2	25.0	7.4	42.6	33.3	21.1	54.0	46.7	44.8
LOS by Move:	E+	D+	C	D+	C	A	D	C-	C+	D-	D	D
HCM2kAvgQ:	2	7	1	7	11	3	8	9	3	2	6	5

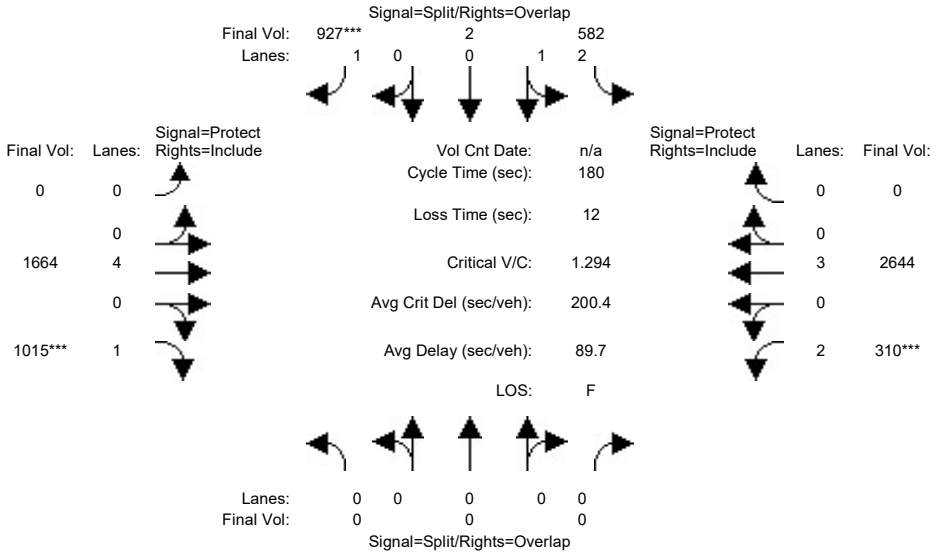
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	582	2	927	0	1664	1015	310	2644	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4933	17	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.12	0.53	0.00	0.22	0.58	0.10	0.46	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	73.7	73.7	73.7	0.0	80.7	80.7	13.7	94.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.29	0.29	1.29	0.00	0.49	1.29	1.29	0.89	0.00
Delay/Veh:	0.0	0.0	0.0	35.7	35.7	195.9	0.0	35.2	191.6	243.0	41.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.7	35.7	195.9	0.0	35.2	191.6	243.0	41.6	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D+	F	F	D	A
HCM2kAvgQ:	0	0	0	8	8	83	0	16	90	15	42	0

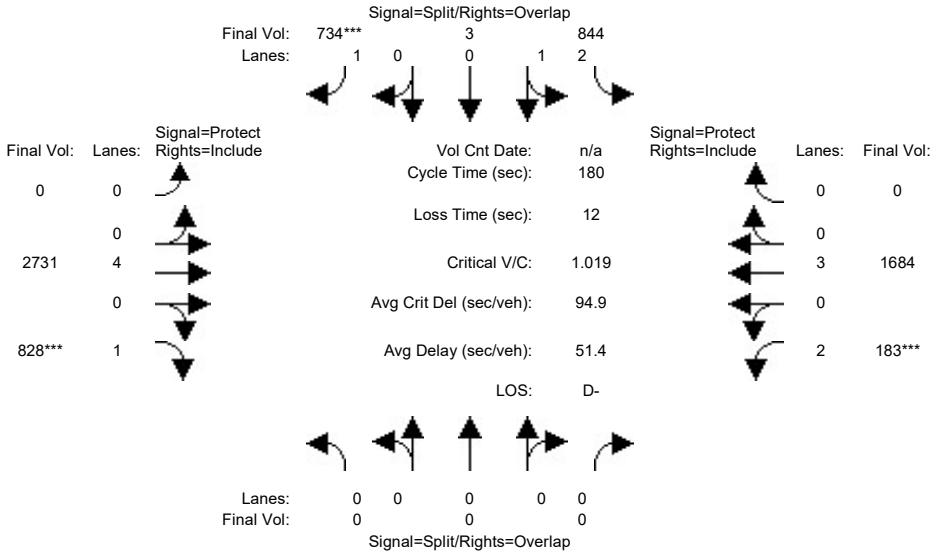
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	844	3	734	0	2731	828	183	1684	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	844	3	734	0	2731	828	183	1684	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	844	3	734	0	2731	828	183	1684	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	844	3	734	0	2731	828	183	1684	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	18	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.17	0.42	0.00	0.36	0.47	0.06	0.30	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	74.1	74.1	74.1	0.0	83.6	83.6	10.3	93.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.42	1.02	0.00	0.77	1.02	1.02	0.57	0.00
Delay/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.4	84.5	156.9	29.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.4	84.5	156.9	29.5	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D	F	F	C	A
HCM2kAvgQ:	0	0	0	12	12	51	0	32	57	7	20	0

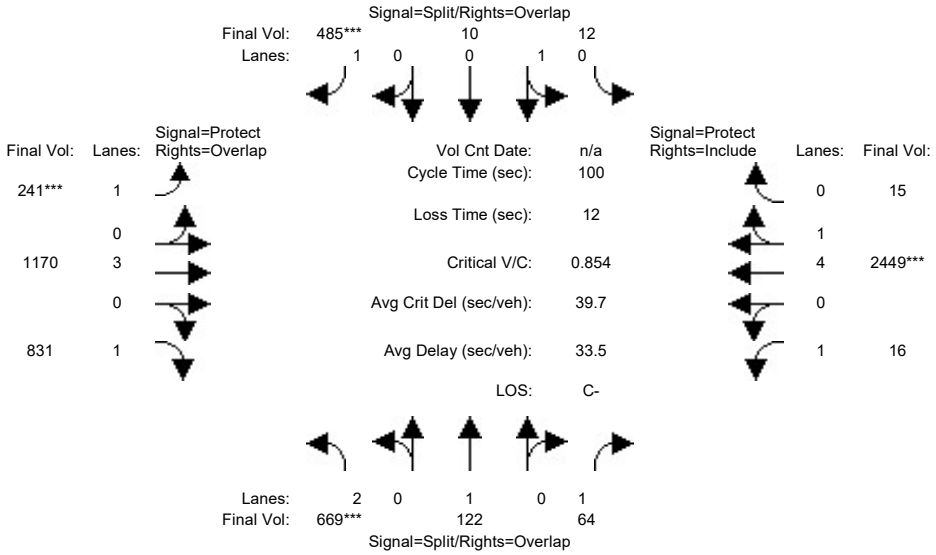
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	669	122	64	12	10	485	241	1170	831	16	2449	15
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	669	122	64	12	10	485	241	1170	831	16	2449	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	669	122	64	12	10	485	241	1170	831	16	2449	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	669	122	64	12	10	485	241	1170	831	16	2449	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.55	0.45	1.00	1.00	3.00	1.00	1.00	4.97	0.03
Final Sat.:	3150	1900	1750	982	818	1750	1750	5700	1750	1750	9343	57
Capacity Analysis Module:												
Vol/Sat:	0.21	0.06	0.04	0.01	0.01	0.28	0.14	0.21	0.47	0.01	0.26	0.26
Crit Moves:	****					****	****				****	
Green Time:	24.9	24.9	34.7	16.3	16.3	32.4	16.1	37.0	61.8	9.9	30.7	30.7
Volume/Cap:	0.85	0.26	0.11	0.07	0.07	0.85	0.85	0.56	0.77	0.09	0.85	0.85
Delay/Veh:	44.9	30.5	22.2	35.6	35.6	43.6	62.4	25.3	17.3	41.2	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.9	30.5	22.2	35.6	35.6	43.6	62.4	25.3	17.3	41.2	35.2	35.2
LOS by Move:	D	C	C+	D+	D+	D	E	C	B	D	D+	D+
HCM2kAvgQ:	15	3	1	1	1	18	9	9	20	0	14	14

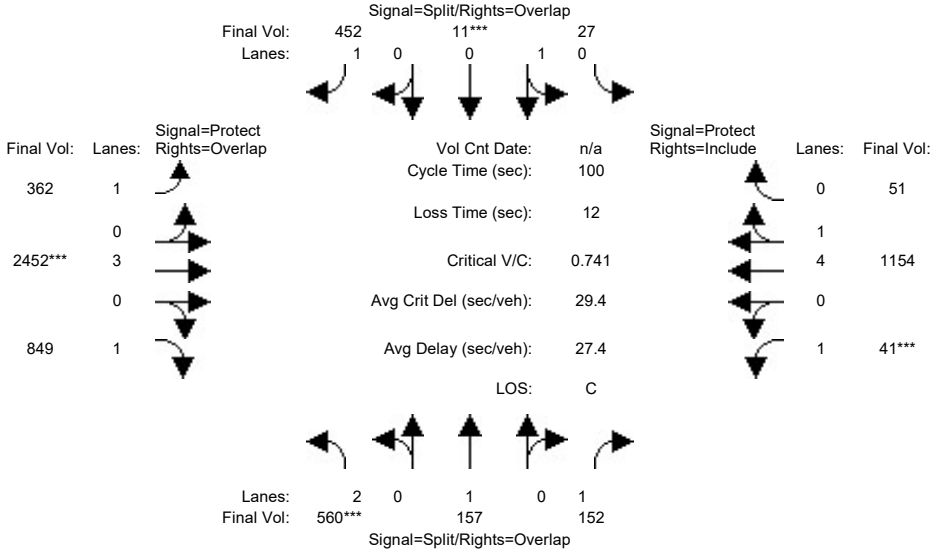
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	560	157	152	27	11	452	362	2452	849	41	1154	51
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	560	157	152	27	11	452	362	2452	849	41	1154	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	560	157	152	27	11	452	362	2452	849	41	1154	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	560	157	152	27	11	452	362	2452	849	41	1154	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.71	0.29	1.00	1.00	3.00	1.00	1.00	4.78	0.22
Final Sat.:	3150	1900	1750	1279	521	1750	1750	5700	1750	1750	9001	398
Capacity Analysis Module:												
Vol/Sat:	0.18	0.08	0.09	0.02	0.02	0.26	0.21	0.43	0.49	0.02	0.13	0.13
Crit Moves:	****				****			****			****	
Green Time:	20.8	20.8	27.8	10.0	10.0	45.3	35.3	50.2	71.0	7.0	21.9	21.9
Volume/Cap:	0.86	0.40	0.31	0.21	0.21	0.57	0.59	0.86	0.68	0.33	0.59	0.59
Delay/Veh:	49.0	34.9	28.9	42.0	42.0	21.1	27.8	24.5	9.8	45.9	35.4	35.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.0	34.9	28.9	42.0	42.0	21.1	27.8	24.5	9.8	45.9	35.4	35.4
LOS by Move:	D	C-	C	D	D	C+	C	C	A	D	D+	D+
HCM2kAvgQ:	13	4	4	1	1	11	9	22	15	1	7	7

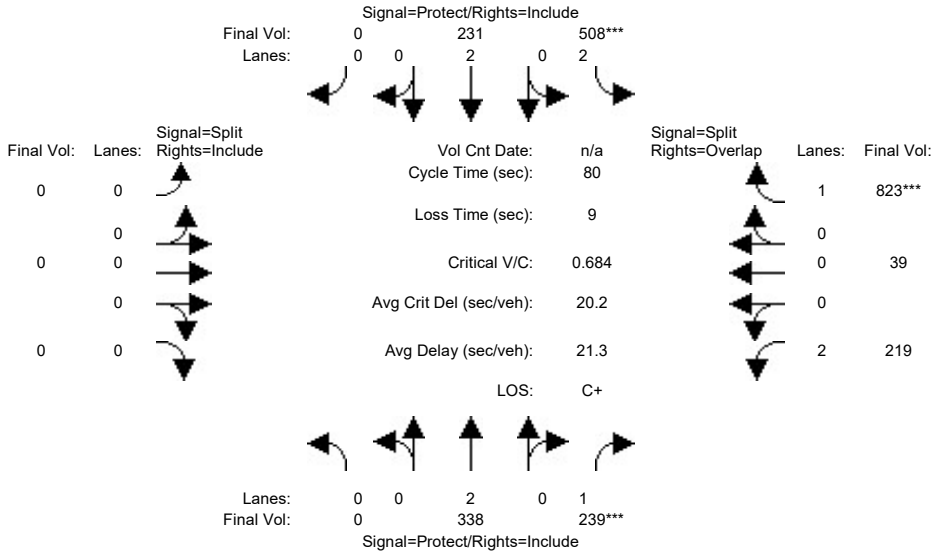
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	338	239	508	231	0	0	0	0	219	39	823
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	338	239	508	231	0	0	0	0	219	39	823
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	338	239	508	231	0	0	0	0	219	39	823
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	338	239	508	231	0	0	0	0	219	39	823
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	338	239	508	231	0	0	0	0	219	39	823
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	338	239	508	231	0	0	0	0	219	39	823
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	1.72	0.28	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3007	535	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.09	0.14	0.16	0.06	0.00	0.00	0.00	0.00	0.07	0.07	0.47
Crit Moves:			****	****								****
Green Time:	0.0	16.0	16.0	18.9	34.8	0.0	0.0	0.0	0.0	36.2	36.2	55.0
Volume/Cap:	0.00	0.45	0.68	0.68	0.14	0.00	0.00	0.00	0.00	0.16	0.16	0.68
Delay/Veh:	0.0	30.0	40.0	32.9	13.7	0.0	0.0	0.0	0.0	13.0	13.0	9.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	30.0	40.0	32.9	13.7	0.0	0.0	0.0	0.0	13.0	13.0	9.8
LOS by Move:	A	C	D	C-	B	A	A	A	A	B	B	A
HCM2kAvgQ:	0	4	7	8	2	0	0	0	0	2	2	14

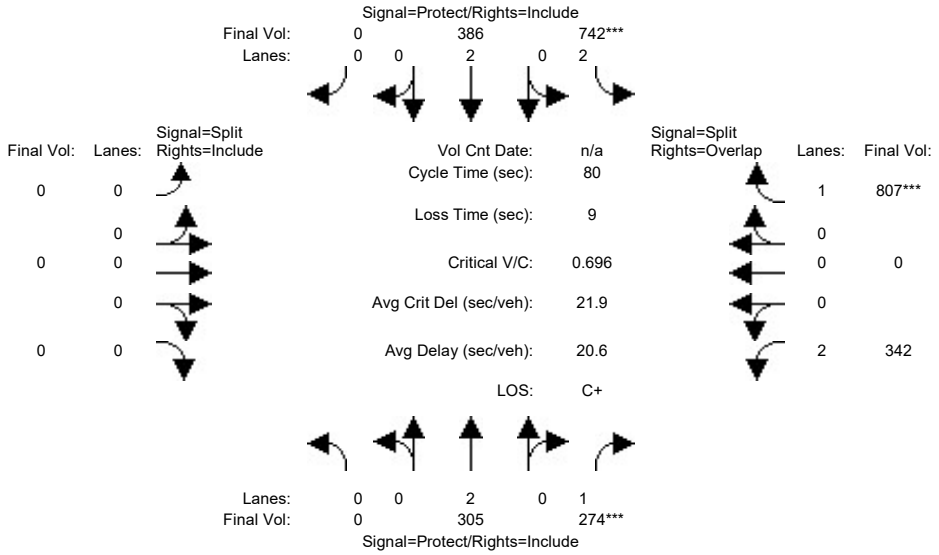
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	305	274	742	386	0	0	0	0	342	0	807
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	305	274	742	386	0	0	0	0	342	0	807
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	305	274	742	386	0	0	0	0	342	0	807
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	305	274	742	386	0	0	0	0	342	0	807
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	305	274	742	386	0	0	0	0	342	0	807
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	305	274	742	386	0	0	0	0	342	0	807
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.16	0.24	0.10	0.00	0.00	0.00	0.00	0.11	0.00	0.46
Crit Moves:			****	****								****
Green Time:	0.0	18.0	18.0	27.1	45.1	0.0	0.0	0.0	0.0	25.9	0.0	53.0
Volume/Cap:	0.00	0.36	0.70	0.70	0.18	0.00	0.00	0.00	0.00	0.33	0.00	0.70
Delay/Veh:	0.0	27.3	38.3	26.7	8.7	0.0	0.0	0.0	0.0	21.4	0.0	11.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.3	38.3	26.7	8.7	0.0	0.0	0.0	0.0	21.4	0.0	11.9
LOS by Move:	A	C	D+	C	A	A	A	A	A	C+	A	B+
HCM2kAvgQ:	0	3	8	11	2	0	0	0	0	4	0	14

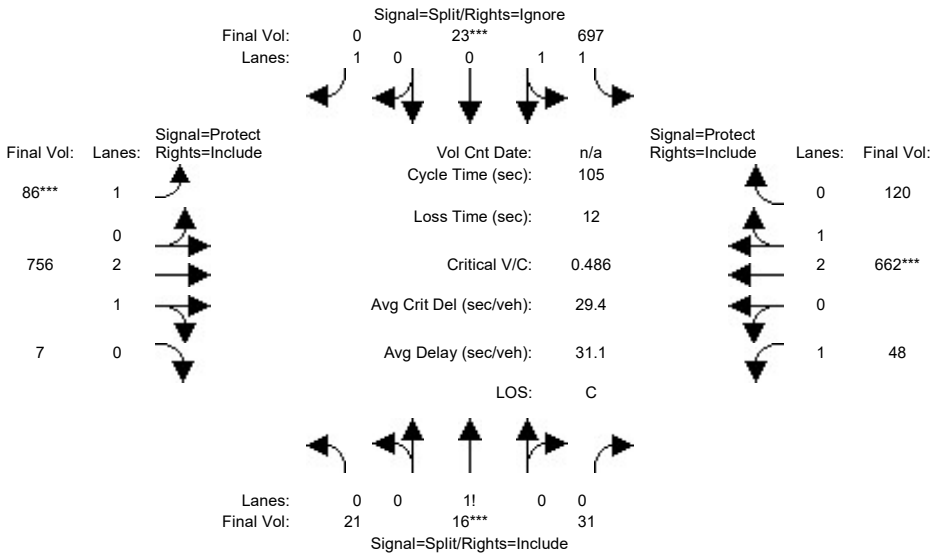
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	21	16	31	697	23	693	86	756	7	48	662	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	16	31	697	23	693	86	756	7	48	662	120
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	16	31	697	23	693	86	756	7	48	662	120
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	16	31	697	23	0	86	756	7	48	662	120
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	16	31	697	23	0	86	756	7	48	662	120
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	16	31	697	23	0	86	756	7	48	662	120
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	0.98	0.95	0.92	0.99	0.95
Lanes:	0.31	0.23	0.46	1.94	0.06	1.00	1.00	2.97	0.03	1.00	2.52	0.48
Final Sat.:	540	412	798	3437	113	1750	1750	5549	51	1750	4740	859
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.20	0.20	0.00	0.05	0.14	0.14	0.03	0.14	0.14
Crit Moves:		****			****		****				****	
Green Time:	10.0	10.0	10.0	43.0	43.0	0.0	10.4	26.9	26.9	13.1	29.6	29.6
Volume/Cap:	0.41	0.41	0.41	0.50	0.50	0.00	0.50	0.53	0.53	0.22	0.50	0.50
Delay/Veh:	46.3	46.3	46.3	23.2	23.2	0.0	47.0	34.0	34.0	41.8	31.7	31.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.3	46.3	46.3	23.2	23.2	0.0	47.0	34.0	34.0	41.8	31.7	31.7
LOS by Move:	D	D	D	C	C	A	D	C-	C-	D	C	C
HCM2kAvgQ:	3	3	3	9	9	0	3	7	7	1	7	7

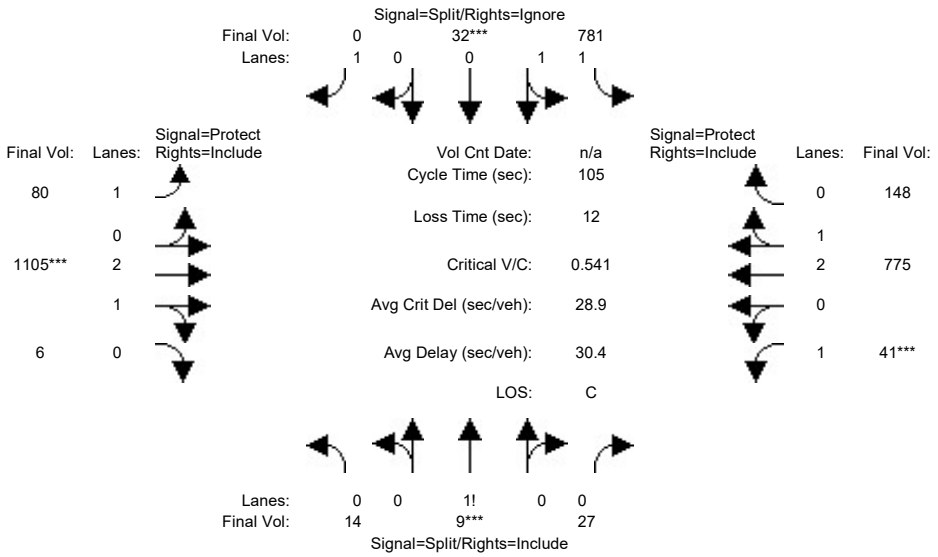
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	9	27	781	32	574	80	1105	6	41	775	148
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	9	27	781	32	574	80	1105	6	41	775	148
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	9	27	781	32	574	80	1105	6	41	775	148
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	9	27	781	32	0	80	1105	6	41	775	148
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	9	27	781	32	0	80	1105	6	41	775	148
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	9	27	781	32	0	80	1105	6	41	775	148
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	0.98	0.95	0.92	0.99	0.95
Lanes:	0.28	0.18	0.54	1.92	0.08	1.00	1.00	2.98	0.02	1.00	2.50	0.50
Final Sat.:	490	315	945	3410	140	1750	1750	5570	30	1750	4701	898
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.23	0.23	0.00	0.05	0.20	0.20	0.02	0.16	0.16
Crit Moves:		****			****			****			****	
Green Time:	10.0	10.0	10.0	40.7	40.7	0.0	12.2	35.3	35.3	7.0	30.1	30.1
Volume/Cap:	0.30	0.30	0.30	0.59	0.59	0.00	0.39	0.59	0.59	0.35	0.58	0.58
Delay/Veh:	45.3	45.3	45.3	26.2	26.2	0.0	44.3	29.4	29.4	48.7	32.5	32.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.3	45.3	45.3	26.2	26.2	0.0	44.3	29.4	29.4	48.7	32.5	32.5
LOS by Move:	D	D	D	C	C	A	D	C	C	D	C-	C-
HCM2kAvgQ:	2	2	2	11	11	0	3	10	10	1	8	8

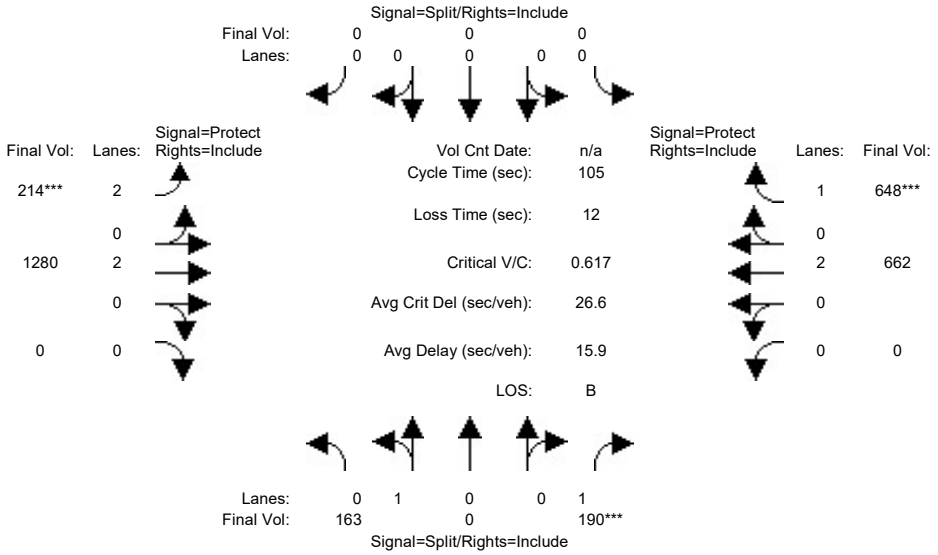
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	163	0	190	0	0	0	214	1280	0	0	662	648
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	163	0	190	0	0	0	214	1280	0	0	662	648
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	0	190	0	0	0	214	1280	0	0	662	648
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	0	190	0	0	0	214	1280	0	0	662	648
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	0	190	0	0	0	214	1280	0	0	662	648
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	0	190	0	0	0	214	1280	0	0	662	648
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1800	0	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.11	0.00	0.00	0.00	0.07	0.34	0.00	0.00	0.17	0.37
Crit Moves:			****				****					****
Green Time:	18.5	0.0	18.5	0.0	0.0	0.0	11.6	74.5	0.0	0.0	63.0	63.0
Volume/Cap:	0.51	0.00	0.62	0.00	0.00	0.00	0.62	0.47	0.00	0.00	0.29	0.62
Delay/Veh:	40.7	0.0	43.8	0.0	0.0	0.0	48.0	6.8	0.0	0.0	10.3	14.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.7	0.0	43.8	0.0	0.0	0.0	48.0	6.8	0.0	0.0	10.3	14.5
LOS by Move:	D	A	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	6	0	7	0	0	0	4	9	0	0	5	14

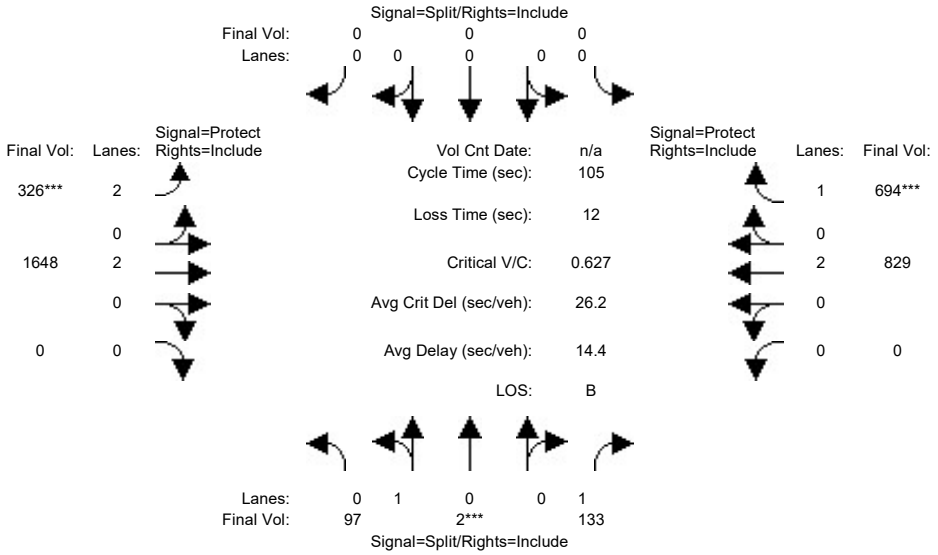
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	97	2	133	0	0	0	326	1648	0	0	829	694
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	97	2	133	0	0	0	326	1648	0	0	829	694
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	2	133	0	0	0	326	1648	0	0	829	694
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	97	2	133	0	0	0	326	1648	0	0	829	694
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	2	133	0	0	0	326	1648	0	0	829	694
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	97	2	133	0	0	0	326	1648	0	0	829	694
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	0.98	0.02	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1764	36	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.08	0.00	0.00	0.00	0.10	0.43	0.00	0.00	0.22	0.40
Crit Moves:		****					****					****
Green Time:	12.7	12.7	12.7	0.0	0.0	0.0	16.6	80.3	0.0	0.0	63.7	63.7
Volume/Cap:	0.45	0.45	0.63	0.00	0.00	0.00	0.65	0.57	0.00	0.00	0.36	0.65
Delay/Veh:	44.4	44.4	49.7	0.0	0.0	0.0	44.6	5.4	0.0	0.0	10.5	15.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.4	44.4	49.7	0.0	0.0	0.0	44.6	5.4	0.0	0.0	10.5	15.0
LOS by Move:	D	D	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	4	4	5	0	0	0	6	11	0	0	7	16

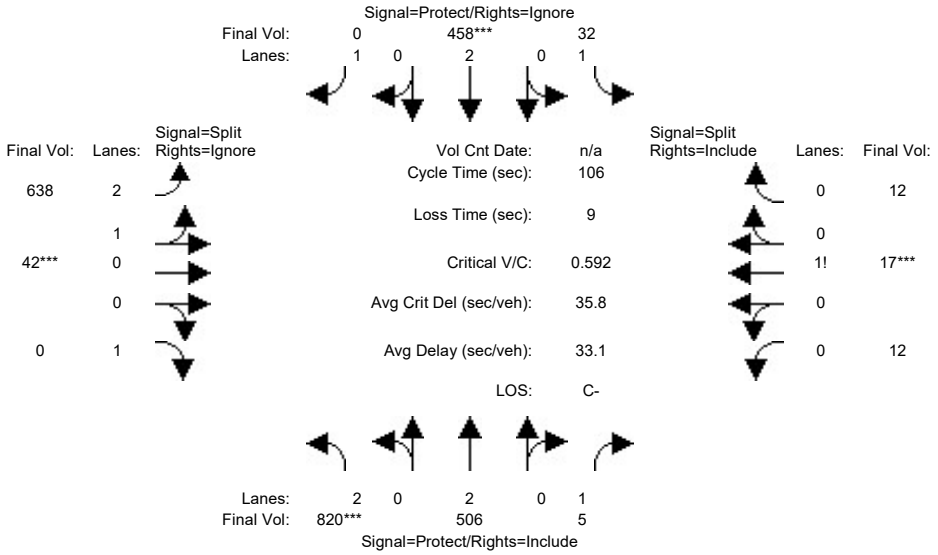
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	820	506	5	32	458	400	638	42	754	12	17	12
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	820	506	5	32	458	400	638	42	754	12	17	12
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	820	506	5	32	458	400	638	42	754	12	17	12
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	820	506	5	32	458	0	638	42	0	12	17	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	820	506	5	32	458	0	638	42	0	12	17	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	820	506	5	32	458	0	638	42	0	12	17	12
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.86	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	2.83	0.17	1.00	0.29	0.42	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	4642	306	1750	512	726	512
Capacity Analysis Module:												
Vol/Sat:	0.26	0.13	0.00	0.02	0.12	0.00	0.14	0.14	0.00	0.02	0.02	0.02
Crit Moves:	****				****			****			****	
Green Time:	43.7	42.7	42.7	21.2	20.2	0.0	23.1	23.1	0.0	10.0	10.0	10.0
Volume/Cap:	0.63	0.33	0.01	0.09	0.63	0.00	0.63	0.63	0.00	0.25	0.25	0.25
Delay/Veh:	27.1	22.4	19.0	35.1	43.6	0.0	40.4	40.4	0.0	48.1	48.1	48.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.1	22.4	19.0	35.1	43.6	0.0	40.4	40.4	0.0	48.1	48.1	48.1
LOS by Move:	C	C+	B-	D+	D	A	D	D	A	D	D	D
HCM2kAvgQ:	13	6	0	1	7	0	8	8	0	2	2	2

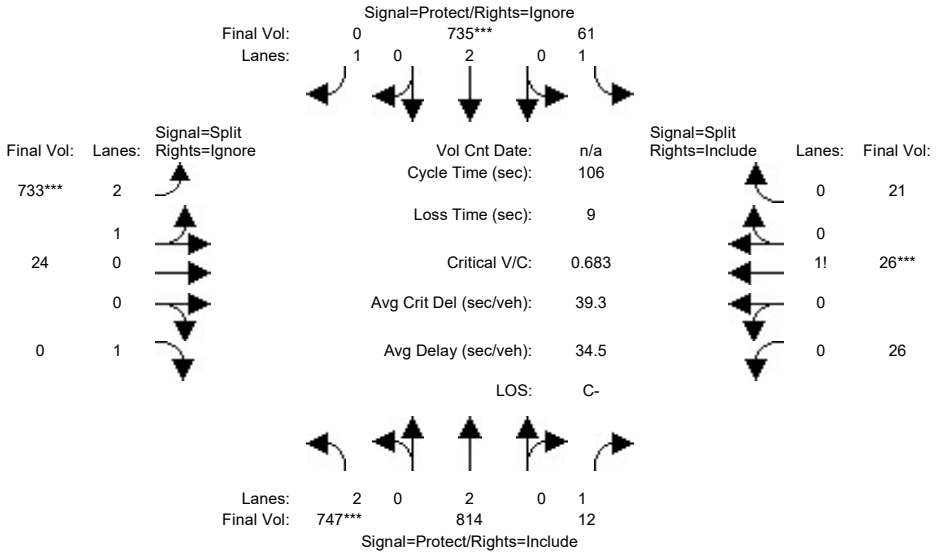
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	747	814	12	61	735	760	733	24	1000	26	26	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	747	814	12	61	735	760	733	24	1000	26	26	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	747	814	12	61	735	760	733	24	1000	26	26	21
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	747	814	12	61	735	0	733	24	0	26	26	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	747	814	12	61	735	0	733	24	0	26	26	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	747	814	12	61	735	0	733	24	0	26	26	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	2.91	0.09	1.00	0.36	0.35	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	4792	157	1750	623	623	503
Capacity Analysis Module:												
Vol/Sat:	0.24	0.21	0.01	0.03	0.19	0.00	0.15	0.15	0.00	0.04	0.04	0.04
Crit Moves:	****				****		****				****	
Green Time:	35.4	49.1	49.1	15.1	28.8	0.0	22.8	22.8	0.0	10.0	10.0	10.0
Volume/Cap:	0.71	0.46	0.01	0.24	0.71	0.00	0.71	0.71	0.00	0.44	0.44	0.44
Delay/Veh:	34.9	20.3	15.4	42.7	39.0	0.0	42.6	42.6	0.0	53.7	53.7	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.9	20.3	15.4	42.7	39.0	0.0	42.6	42.6	0.0	53.7	53.7	53.7
LOS by Move:	C-	C+	B	D	D+	A	D	D	A	D-	D-	D-
HCM2kAvgQ:	13	9	0	2	11	0	9	9	0	3	3	3

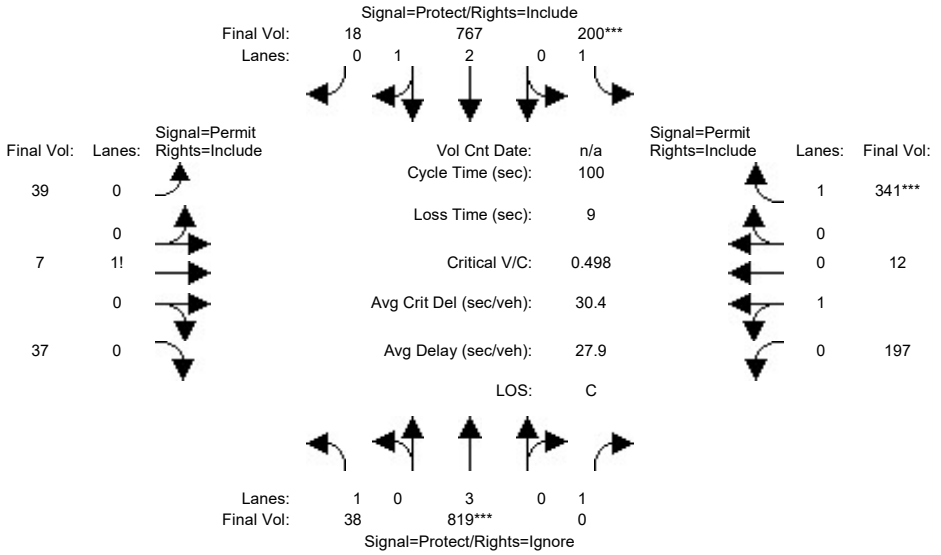
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	38	819	116	200	767	18	39	7	37	197	12	341
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	819	116	200	767	18	39	7	37	197	12	341
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	819	116	200	767	18	39	7	37	197	12	341
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	819	0	200	767	18	39	7	37	197	12	341
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	819	0	200	767	18	39	7	37	197	12	341
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	819	0	200	767	18	39	7	37	197	12	341
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.93	0.07	0.47	0.08	0.45	0.94	0.06	1.00
Final Sat.:	1750	5700	1750	1750	5471	128	822	148	780	1697	103	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.00	0.11	0.14	0.14	0.05	0.05	0.05	0.12	0.12	0.19
Crit Moves:		****		****								****
Green Time:	17.3	28.9	0.0	23.0	34.6	34.6	39.2	39.2	39.2	39.2	39.2	39.2
Volume/Cap:	0.13	0.50	0.00	0.50	0.41	0.41	0.12	0.12	0.12	0.30	0.30	0.50
Delay/Veh:	35.8	30.6	0.0	37.9	25.5	25.5	19.8	19.8	19.8	22.0	22.0	25.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.8	30.6	0.0	37.9	25.5	25.5	19.8	19.8	19.8	22.0	22.0	25.6
LOS by Move:	D+	C	A	D+	C	C	B-	B-	B-	C+	C+	C
HCM2kAvgQ:	1	7	0	6	6	6	2	2	2	5	5	9

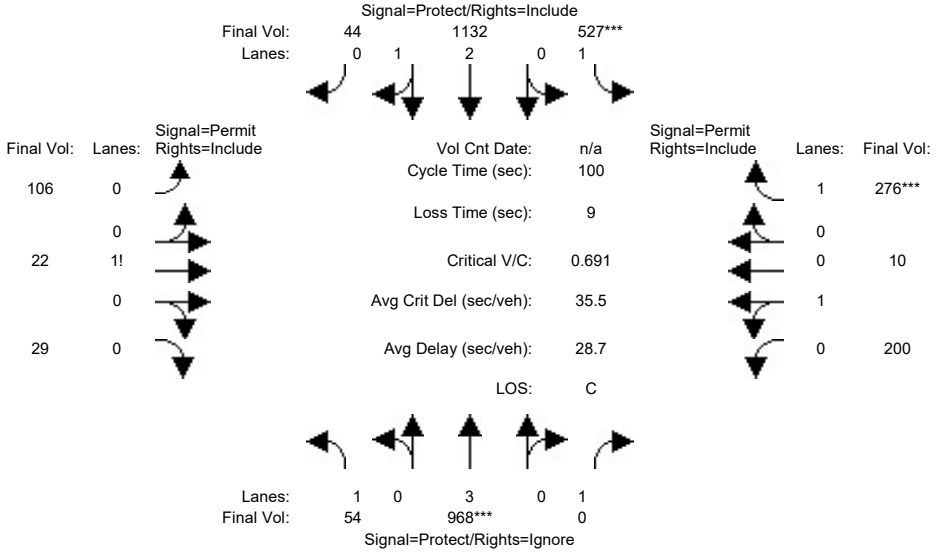
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	54	968	261	527	1132	44	106	22	29	200	10	276
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	968	261	527	1132	44	106	22	29	200	10	276
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	968	261	527	1132	44	106	22	29	200	10	276
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	968	0	527	1132	44	106	22	29	200	10	276
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	968	0	527	1132	44	106	22	29	200	10	276
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	968	0	527	1132	44	106	22	29	200	10	276
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.88	0.12	0.68	0.14	0.18	0.95	0.05	1.00
Final Sat.:	1750	5700	1750	1750	5390	210	1182	245	323	1714	86	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.17	0.00	0.30	0.21	0.21	0.09	0.09	0.09	0.12	0.12	0.16
Crit Moves:		****		****								****
Green Time:	17.0	24.6	0.0	43.6	51.1	51.1	22.8	22.8	22.8	22.8	22.8	22.8
Volume/Cap:	0.18	0.69	0.00	0.69	0.41	0.41	0.39	0.39	0.39	0.51	0.51	0.69
Delay/Veh:	36.8	37.1	0.0	27.9	15.6	15.6	35.6	35.6	35.6	38.2	38.2	44.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.8	37.1	0.0	27.9	15.6	15.6	35.6	35.6	35.6	38.2	38.2	44.8
LOS by Move:	D+	D+	A	C	B	B	D+	D+	D+	D+	D+	D
HCM2kAvgQ:	2	10	0	15	8	8	5	5	5	6	6	9

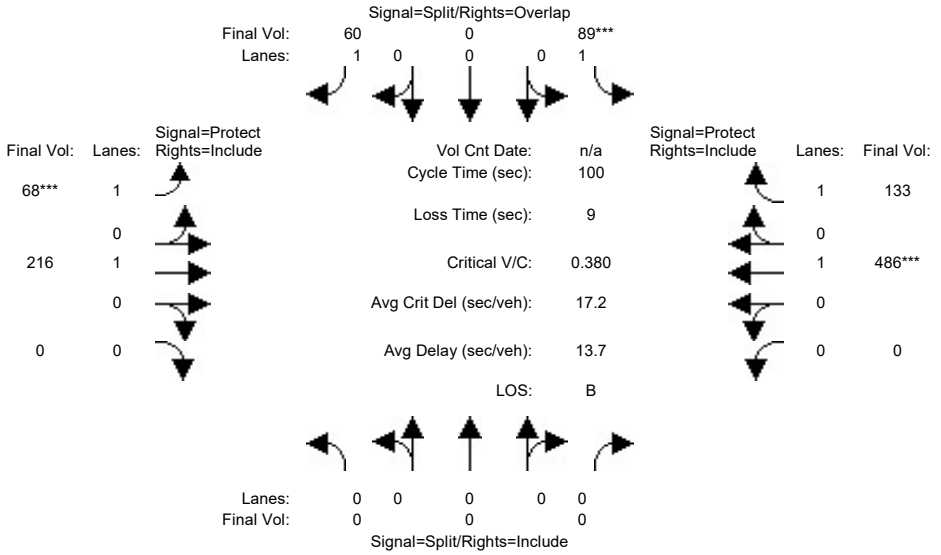
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	89	0	60	68	216	0	0	486	133
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	89	0	60	68	216	0	0	486	133
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	89	0	60	68	216	0	0	486	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	89	0	60	68	216	0	0	486	133
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	89	0	60	68	216	0	0	486	133
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	89	0	60	68	216	0	0	486	133
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.11	0.00	0.00	0.26	0.08
Crit Moves:				****			****				****	
Green Time:	0.0	0.0	0.0	13.4	0.0	23.6	10.2	77.6	0.0	0.0	67.4	67.4
Volume/Cap:	0.00	0.00	0.00	0.38	0.00	0.15	0.38	0.15	0.00	0.00	0.38	0.11
Delay/Veh:	0.0	0.0	0.0	44.1	0.0	30.9	47.9	3.0	0.0	0.0	8.0	6.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	44.1	0.0	30.9	47.9	3.0	0.0	0.0	8.0	6.0
LOS by Move:	A	A	A	D	A	C	D	A	A	A	A	A
HCM2kAvgQ:	0	0	0	3	0	2	2	2	0	0	7	2

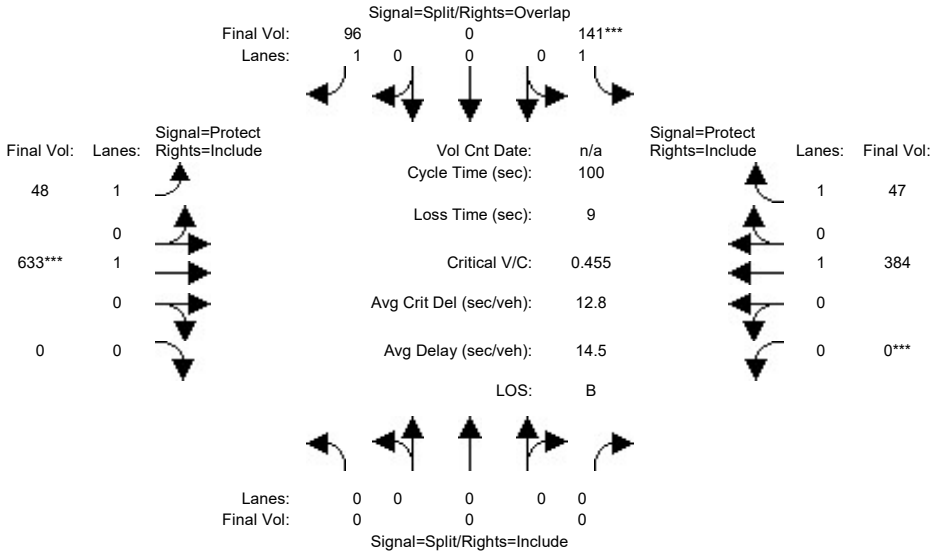
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	141	0	96	48	633	0	0	384	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	141	0	96	48	633	0	0	384	47
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	141	0	96	48	633	0	0	384	47
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	141	0	96	48	633	0	0	384	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	141	0	96	48	633	0	0	384	47
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	141	0	96	48	633	0	0	384	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.08	0.00	0.05	0.03	0.33	0.00	0.00	0.20	0.03
Crit Moves:				****				****		****		
Green Time:	0.0	0.0	0.0	17.7	0.0	36.6	18.9	73.3	0.0	0.0	54.4	54.4
Volume/Cap:	0.00	0.00	0.00	0.45	0.00	0.15	0.15	0.45	0.00	0.00	0.37	0.05
Delay/Veh:	0.0	0.0	0.0	41.6	0.0	21.8	34.8	6.4	0.0	0.0	14.0	10.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	41.6	0.0	21.8	34.8	6.4	0.0	0.0	14.0	10.8
LOS by Move:	A	A	A	D	A	C+	C-	A	A	A	B	B+
HCM2kAvgQ:	0	0	0	5	0	2	1	8	0	0	7	1

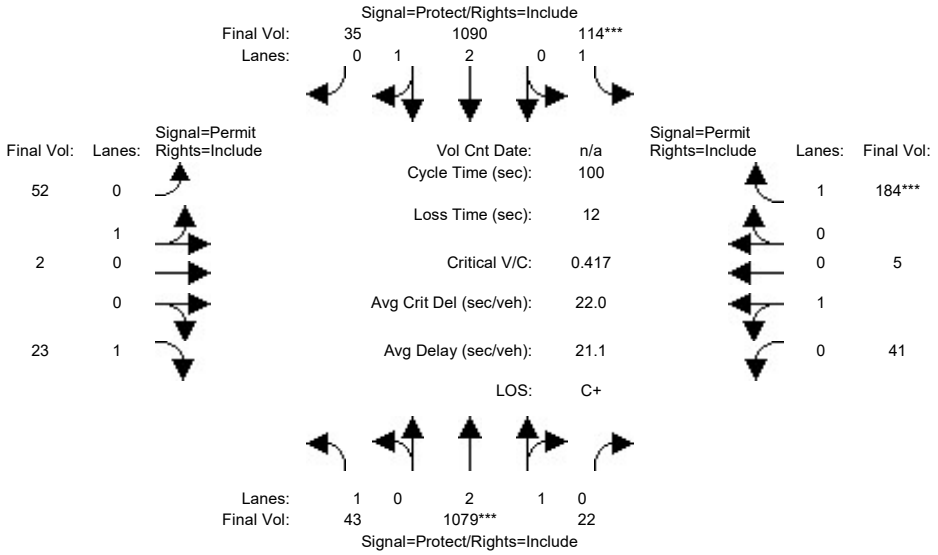
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	43	1079	22	114	1090	35	52	2	23	41	5	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	1079	22	114	1090	35	52	2	23	41	5	184
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	1079	22	114	1090	35	52	2	23	41	5	184
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	1079	22	114	1090	35	52	2	23	41	5	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	1079	22	114	1090	35	52	2	23	41	5	184
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	1079	22	114	1090	35	52	2	23	41	5	184
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.94	0.06	1.00	2.90	0.10	0.96	0.04	1.00	0.89	0.11	1.00
Final Sat.:	1750	5488	112	1750	5426	174	1733	67	1750	1604	196	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.20	0.20	0.07	0.20	0.20	0.03	0.03	0.01	0.03	0.03	0.11
Crit Moves:		****		****								****
Green Time:	16.2	47.2	47.2	15.6	46.6	46.6	25.2	25.2	25.2	25.2	25.2	25.2
Volume/Cap:	0.15	0.42	0.42	0.42	0.43	0.43	0.12	0.12	0.05	0.10	0.10	0.42
Delay/Veh:	37.1	17.9	17.9	42.7	18.4	18.4	29.4	29.4	28.6	29.1	29.1	34.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.1	17.9	17.9	42.7	18.4	18.4	29.4	29.4	28.6	29.1	29.1	34.1
LOS by Move:	D+	B	B	D	B-	B-	C	C	C	C	C	C-
HCM2kAvgQ:	1	8	8	3	8	8	1	1	1	1	1	5

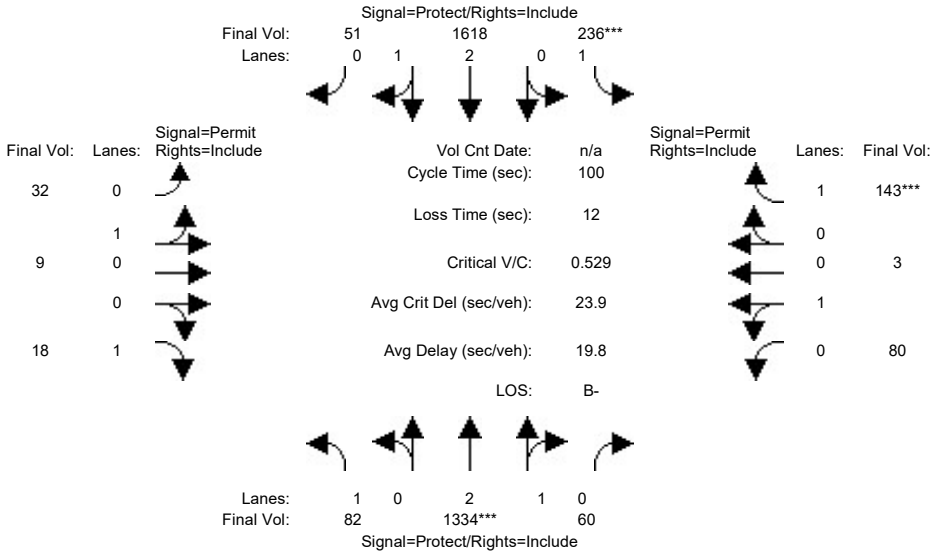
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	82	1334	60	236	1618	51	32	9	18	80	3	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	82	1334	60	236	1618	51	32	9	18	80	3	143
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	1334	60	236	1618	51	32	9	18	80	3	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	82	1334	60	236	1618	51	32	9	18	80	3	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	1334	60	236	1618	51	32	9	18	80	3	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	82	1334	60	236	1618	51	32	9	18	80	3	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.87	0.13	1.00	2.90	0.10	0.78	0.22	1.00	0.96	0.04	1.00
Final Sat.:	1750	5359	241	1750	5429	171	1405	395	1750	1735	65	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.25	0.25	0.13	0.30	0.30	0.02	0.02	0.01	0.05	0.05	0.08
Crit Moves:		****		****								****
Green Time:	13.8	47.1	47.1	25.5	58.8	58.8	15.4	15.4	15.4	15.4	15.4	15.4
Volume/Cap:	0.34	0.53	0.53	0.53	0.51	0.51	0.15	0.15	0.07	0.30	0.30	0.53
Delay/Veh:	42.8	19.4	19.4	36.5	12.7	12.7	37.7	37.7	36.6	40.2	40.2	46.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.8	19.4	19.4	36.5	12.7	12.7	37.7	37.7	36.6	40.2	40.2	46.2
LOS by Move:	D	B-	B-	D+	B	B	D+	D+	D+	D	D	D
HCM2kAvgQ:	2	10	10	7	10	10	1	1	1	3	3	5

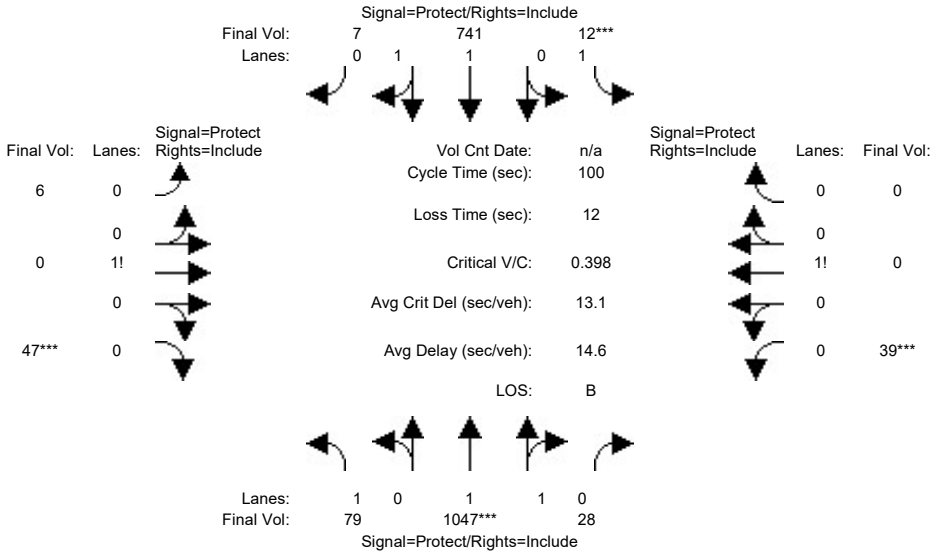
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	1047	28	12	741	7	6	0	47	39	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	1047	28	12	741	7	6	0	47	39	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	1047	28	12	741	7	6	0	47	39	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	79	1047	28	12	741	7	6	0	47	39	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.95	0.05	1.00	1.98	0.02	0.11	0.00	0.89	1.00	0.00	0.00
Final Sat.:	1750	3604	96	1750	3665	35	198	0	1552	1750	0	0
Capacity Analysis Module:												
Vol/Sat:	0.05	0.29	0.29	0.01	0.20	0.20	0.03	0.00	0.03	0.02	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	18.3	64.0	64.0	7.0	52.7	52.7	17.0	0.0	10.0	7.0	0.0	0.0
Volume/Cap:	0.25	0.45	0.45	0.10	0.38	0.38	0.18	0.00	0.30	0.32	0.00	0.00
Delay/Veh:	36.8	9.8	9.8	45.1	14.6	14.6	36.8	0.0	46.2	50.9	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.8	9.8	9.8	45.1	14.6	14.6	36.8	0.0	46.2	50.9	0.0	0.0
LOS by Move:	D+	A	A	D	B	B	D+	A	D	D	A	A
HCM2kAvgQ:	2	9	9	0	7	7	2	0	2	2	0	0

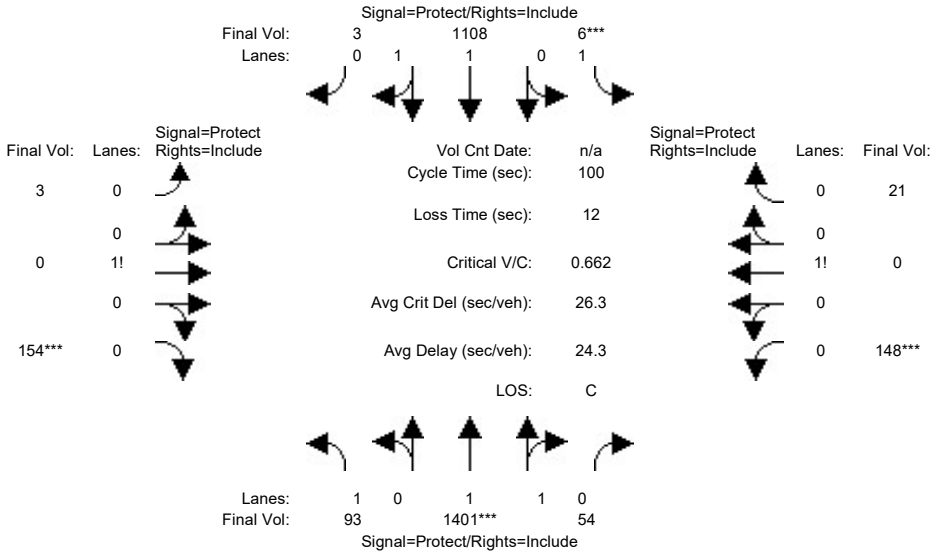
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	93	1401	54	6	1108	3	3	0	154	148	0	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	93	1401	54	6	1108	3	3	0	154	148	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	93	1401	54	6	1108	3	3	0	154	148	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	93	1401	54	6	1108	3	3	0	154	148	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.92	0.08	1.00	1.99	0.01	0.02	0.00	0.98	0.88	0.00	0.12
Final Sat.:	1750	3563	137	1750	3690	10	33	0	1717	1533	0	217
Capacity Analysis Module:												
Vol/Sat:	0.05	0.39	0.39	0.00	0.30	0.30	0.09	0.00	0.09	0.10	0.00	0.10
Crit Moves:		****			****				****	****		
Green Time:	11.7	55.0	55.0	7.0	50.2	50.2	12.5	0.0	12.5	13.5	0.0	13.5
Volume/Cap:	0.45	0.72	0.72	0.05	0.60	0.60	0.72	0.00	0.72	0.72	0.00	0.72
Delay/Veh:	48.2	18.9	18.9	44.1	19.1	19.1	60.1	0.0	60.1	58.3	0.0	58.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	48.2	18.9	18.9	44.1	19.1	19.1	60.1	0.0	60.1	58.3	0.0	58.3
LOS by Move:	D	B-	B-	D	B-	B-	E	A	E	E+	A	E+
HCM2kAvgQ:	3	18	18	0	12	12	7	0	7	7	0	7

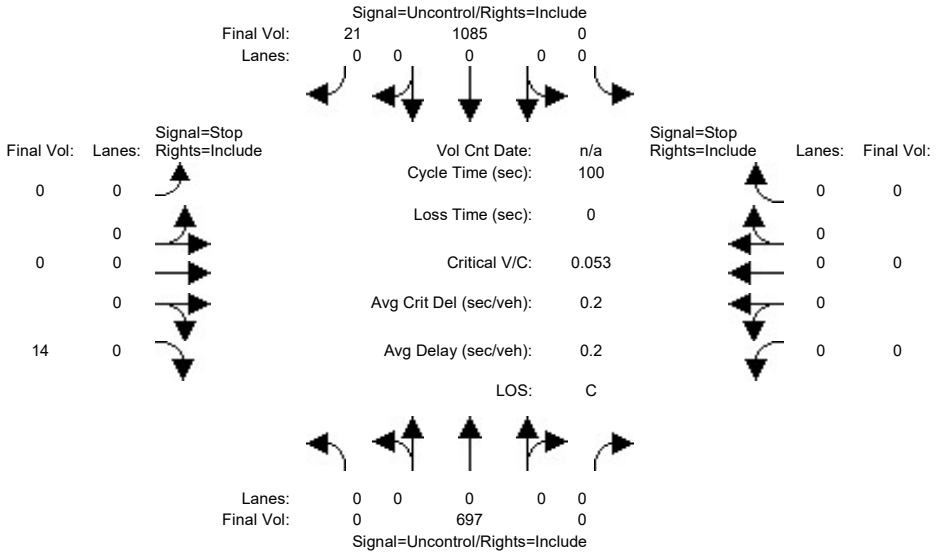
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	697	0	0	1085	21	0	0	14	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	697	0	0	1085	21	0	0	14	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	697	0	0	1085	21	0	0	14	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	697	0	0	1085	21	0	0	14	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	697	0	0	1085	21	0	0	14	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.2	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	1096	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	262	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	262	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.05	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.2	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	19.5	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	C	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			19.5			xxxxxx		
ApproachLOS:	*			*			C			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 1	0	0	0 0 0	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0	697	0	0	1085	21	0	0	14	0	0	0
ApproachDel:	xxxxxx			xxxxxx			19.5			xxxxxx		

Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1817]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #25 BASCOM/EAST-MOZART

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 1	0	0	0 0 0	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0	697	0	0	1085	21	0	0	14	0	0	0

Major Street Volume: 1803
Minor Approach Volume: 14
Minor Approach Volume Threshold: 62 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

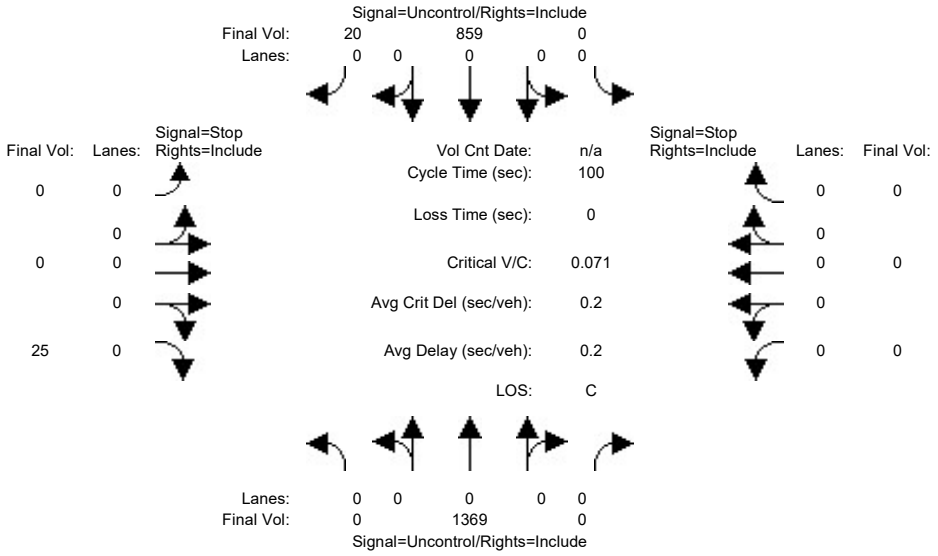
The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	1369	0	0	859	20	0	0	25	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1369	0	0	859	20	0	0	25	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1369	0	0	859	20	0	0	25	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1369	0	0	859	20	0	0	25	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	1369	0	0	859	20	0	0	25	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.2	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	869	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	354	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	354	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.07	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.2	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	15.9	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	C	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			15.9			xxxxxx		
ApproachLOS:	*			*			C			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  1  0  0    0  0  0  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1369     0     0  859    20     0    0    25     0    0     0
ApproachDel:    xxxxxx           xxxxxx            15.9           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=25]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2273]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #25 BASCOM/EAST-MOZART
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  1  0  0    0  0  0  1  0    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0 1369     0     0  859    20     0    0    25     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2248
Minor Approach Volume:           25
Minor Approach Volume Threshold: 3 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

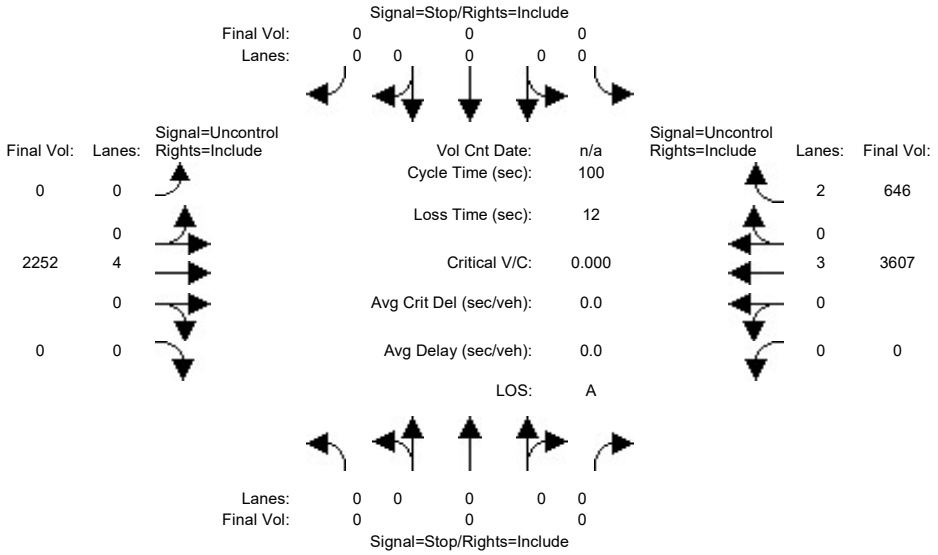
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - AM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	2252	0	0	3607	646
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	2252	0	0	3607	646
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	2252	0	0	3607	646
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	0	0	0	0	2252	0	0	3607	646
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	0	2252	0	0	3607	646
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #2500 17/CAMDEN(N)

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	2252	0	0	3607	646
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #2500 17/CAMDEN(N)

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	2252	0	0	3607	646

Major Street Volume: 6505
Minor Approach Volume: 0
Minor Approach Volume Threshold: -360 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

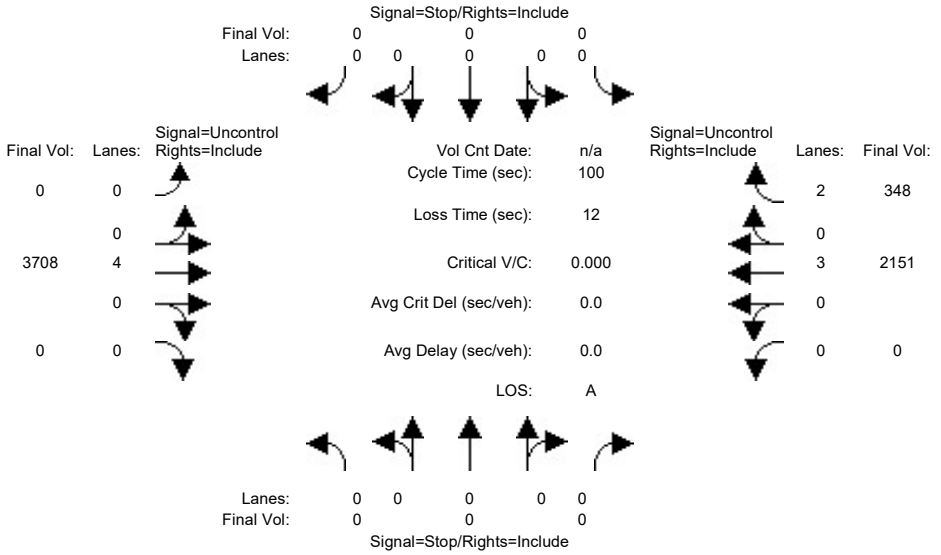
The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative Conditions - PM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	3708	0	0	2151	348
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	3708	0	0	2151	348
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	3708	0	0	2151	348
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	0	0	0	0	3708	0	0	2151	348
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	0	3708	0	0	2151	348
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #2500 17/CAMDEN(N)

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	3708	0	0	2151	348
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #2500 17/CAMDEN(N)

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	3708	0	0	2151	348

Major Street Volume: 6207
Minor Approach Volume: 0
Minor Approach Volume Threshold: -344 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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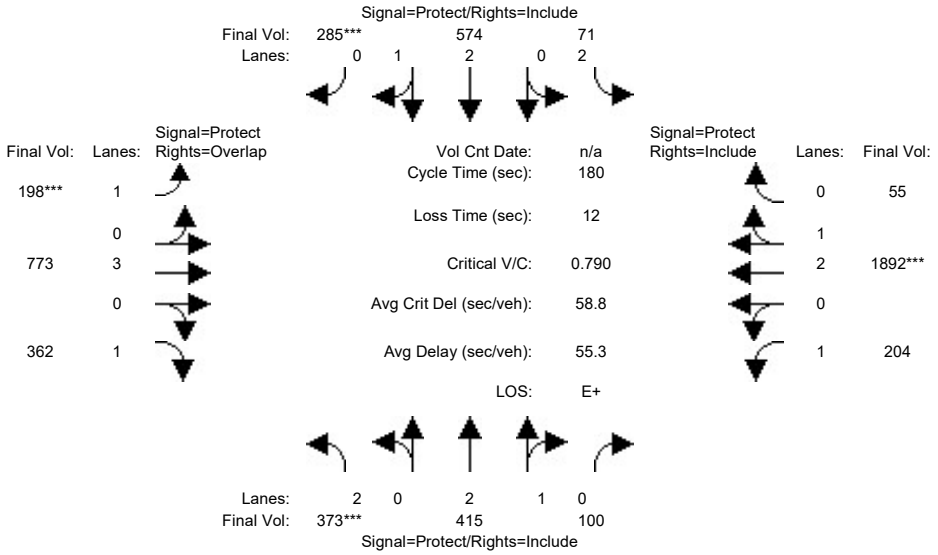
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Appendix I – Traffix Intersection Operations Analysis – Cumulative Plus Project (Phase 3) Conditions

GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	365	410	100	71	549	285	198	773	322	204	1892	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	410	100	71	549	285	198	773	322	204	1892	55
Added Vol:	8	5	0	0	25	0	0	0	40	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	373	415	100	71	574	285	198	773	362	204	1892	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	373	415	100	71	574	285	198	773	362	204	1892	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	373	415	100	71	574	285	198	773	362	204	1892	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	373	415	100	71	574	285	198	773	362	204	1892	55
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.95	0.92	1.00	0.92	0.92	0.98	0.95
Lanes:	2.00	2.40	0.60	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.91	0.09
Final Sat.:	3150	4511	1087	3150	3800	1800	1750	5700	1750	1750	5442	158
Capacity Analysis Module:												
Vol/Sat:	0.12	0.09	0.09	0.02	0.15	0.16	0.11	0.14	0.21	0.12	0.35	0.35
Crit Moves:	****					****	****				****	
Green Time:	27.0	44.3	44.3	18.7	36.1	36.1	25.8	56.4	83.4	48.5	79.2	79.2
Volume/Cap:	0.79	0.37	0.37	0.22	0.75	0.79	0.79	0.43	0.45	0.43	0.79	0.79
Delay/Veh:	82.5	56.5	56.5	74.2	70.7	72.4	90.0	49.2	33.1	55.0	45.1	45.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	82.5	56.5	56.5	74.2	70.7	72.4	90.0	49.2	33.1	55.0	45.1	45.1
LOS by Move:	F	E+	E+	E	E	E	F	D	C-	D-	D	D
HCM2kAvgQ:	12	8	8	2	16	17	12	11	14	10	32	32

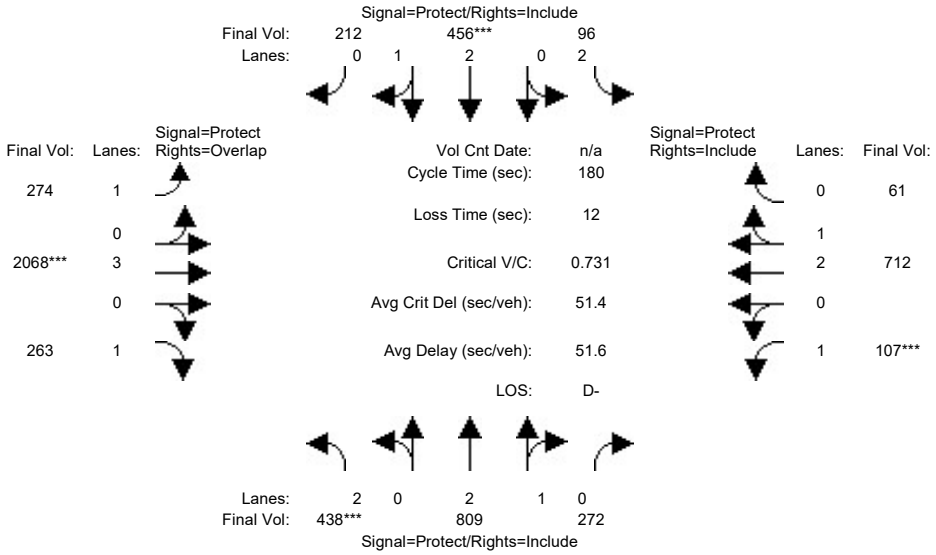
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #1: BASCOM/CAMDEN



Street Name:	S BASCOM AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	393	771	272	96	447	212	274	2068	253	107	712	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	393	771	272	96	447	212	274	2068	253	107	712	61
Added Vol:	45	38	0	0	9	0	0	0	10	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	438	809	272	96	456	212	274	2068	263	107	712	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	438	809	272	96	456	212	274	2068	263	107	712	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	438	809	272	96	456	212	274	2068	263	107	712	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	438	809	272	96	456	212	274	2068	263	107	712	61
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.99	0.95	0.83	1.00	0.95	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.22	0.78	2.00	2.01	0.99	1.00	3.00	1.00	1.00	2.75	0.25
Final Sat.:	3150	4189	1408	3150	3820	1776	1750	5700	1750	1750	5158	442
Capacity Analysis Module:												
Vol/Sat:	0.14	0.19	0.19	0.03	0.12	0.12	0.16	0.36	0.15	0.06	0.14	0.14
Crit Moves:	****			****			****			****		
Green Time:	34.2	53.0	53.0	10.7	29.4	29.4	55.5	89.3	123.6	15.1	48.9	48.9
Volume/Cap:	0.73	0.66	0.66	0.51	0.73	0.73	0.51	0.73	0.22	0.73	0.51	0.51
Delay/Veh:	73.1	56.5	56.5	84.6	74.6	74.6	51.9	36.8	10.5	97.6	55.7	55.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.1	56.5	56.5	84.6	74.6	74.6	51.9	36.8	10.5	97.6	55.7	55.7
LOS by Move:	E	E+	E+	F	E	E	D-	D+	B+	F	E+	E+
HCM2kAvgQ:	14	17	17	4	13	13	13	28	5	8	12	12

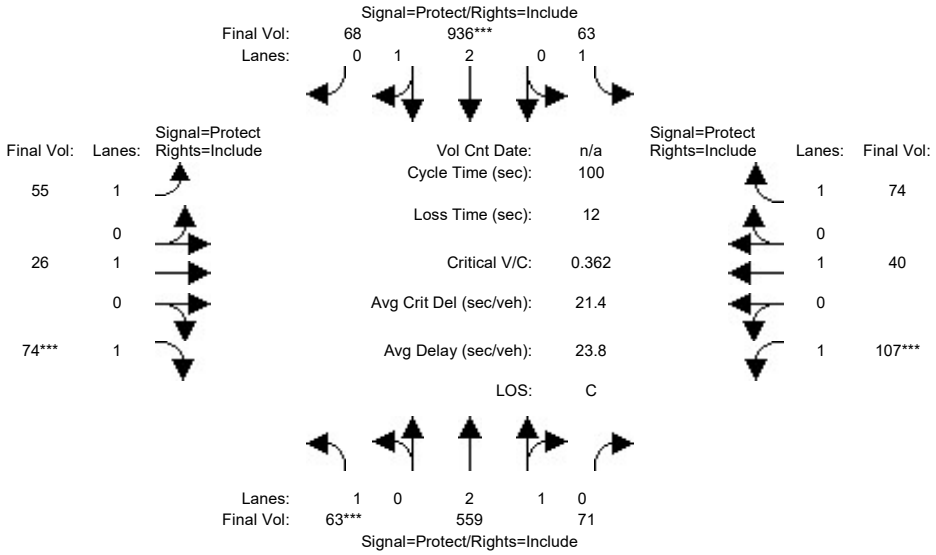
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	63	546	70	63	871	68	55	26	74	103	40	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	546	70	63	871	68	55	26	74	103	40	74
Added Vol:	0	13	1	0	65	0	0	0	0	4	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	559	71	63	936	68	55	26	74	107	40	74
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	559	71	63	936	68	55	26	74	107	40	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	559	71	63	936	68	55	26	74	107	40	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	559	71	63	936	68	55	26	74	107	40	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.65	0.35	1.00	2.79	0.21	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	4968	631	1750	5220	379	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.11	0.11	0.04	0.18	0.18	0.03	0.01	0.04	0.06	0.02	0.04
Crit Moves:	****				****				****	****		
Green Time:	9.9	36.6	36.6	22.8	49.5	49.5	11.8	11.7	11.7	16.9	16.8	16.8
Volume/Cap:	0.36	0.31	0.31	0.16	0.36	0.36	0.27	0.12	0.36	0.36	0.13	0.25
Delay/Veh:	47.8	23.0	23.0	31.8	15.9	15.9	43.4	40.6	45.6	40.2	36.2	38.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.8	23.0	23.0	31.8	15.9	15.9	43.4	40.6	45.6	40.2	36.2	38.2
LOS by Move:	D	C	C	C	B	B	D	D	D	D	D+	D+
HCM2kAvgQ:	2	5	5	2	6	6	2	1	3	3	1	2

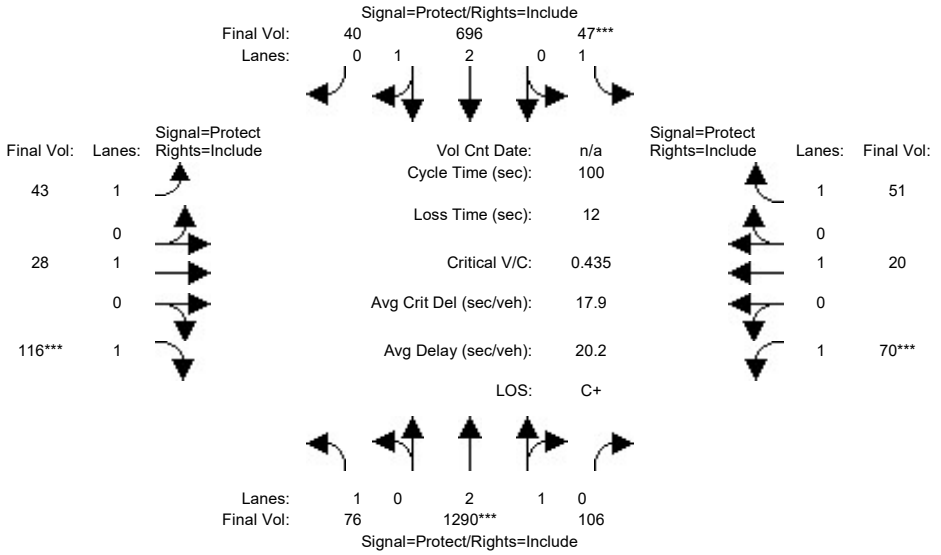
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #2: BASCOM/WHITEOAKS



Street Name:	S BASCOM AVE						WHITE OAKS RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	76	1207	102	47	677	40	43	28	116	69	20	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	1207	102	47	677	40	43	28	116	69	20	51
Added Vol:	0	83	4	0	19	0	0	0	0	1	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	1290	106	47	696	40	43	28	116	70	20	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	1290	106	47	696	40	43	28	116	70	20	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	1290	106	47	696	40	43	28	116	70	20	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	1290	106	47	696	40	43	28	116	70	20	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.76	0.24	1.00	2.83	0.17	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	5174	425	1750	5295	304	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.25	0.25	0.03	0.13	0.13	0.02	0.01	0.07	0.04	0.01	0.03
Crit Moves:		****		****					****	****		
Green Time:	22.2	56.8	56.8	7.0	41.6	41.6	10.0	15.1	15.1	9.1	14.2	14.2
Volume/Cap:	0.20	0.44	0.44	0.38	0.32	0.32	0.25	0.10	0.44	0.44	0.07	0.20
Delay/Veh:	32.8	12.9	12.9	53.3	20.0	20.0	44.9	37.3	43.8	51.6	37.7	39.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.8	12.9	12.9	53.3	20.0	20.0	44.9	37.3	43.8	51.6	37.7	39.7
LOS by Move:	C-	B	B	D-	B-	B-	D	D+	D	D-	D+	D
HCM2kAvgQ:	2	9	9	1	5	5	2	1	4	3	1	2

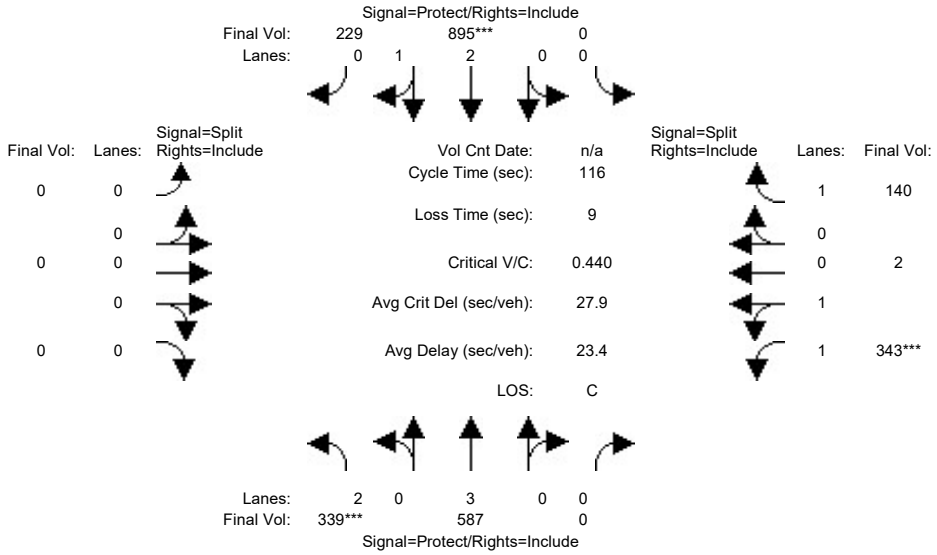
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	324	573	0	0	826	229	0	0	0	330	2	140
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	324	573	0	0	826	229	0	0	0	330	2	140
Added Vol:	15	14	0	0	69	0	0	0	0	13	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	339	587	0	0	895	229	0	0	0	343	2	140
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	339	587	0	0	895	229	0	0	0	343	2	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	339	587	0	0	895	229	0	0	0	343	2	140
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	339	587	0	0	895	229	0	0	0	343	2	140
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.37	0.63	0.00	0.00	0.00	1.99	0.01	1.00
Final Sat.:	3150	5700	0	0	4458	1141	0	0	0	3529	21	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.10	0.00	0.00	0.20	0.20	0.00	0.00	0.00	0.10	0.10	0.08
Crit Moves:	****				****					****		
Green Time:	28.4	81.4	0.0	0.0	53.0	53.0	0.0	0.0	0.0	25.6	25.6	25.6
Volume/Cap:	0.44	0.15	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.44	0.44	0.36
Delay/Veh:	37.5	5.8	0.0	0.0	21.5	21.5	0.0	0.0	0.0	39.4	39.4	38.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.5	5.8	0.0	0.0	21.5	21.5	0.0	0.0	0.0	39.4	39.4	38.8
LOS by Move:	D+	A	A	A	C+	C+	A	A	A	D	D	D+
HCM2kAvgQ:	6	2	0	0	9	9	0	0	0	6	6	5

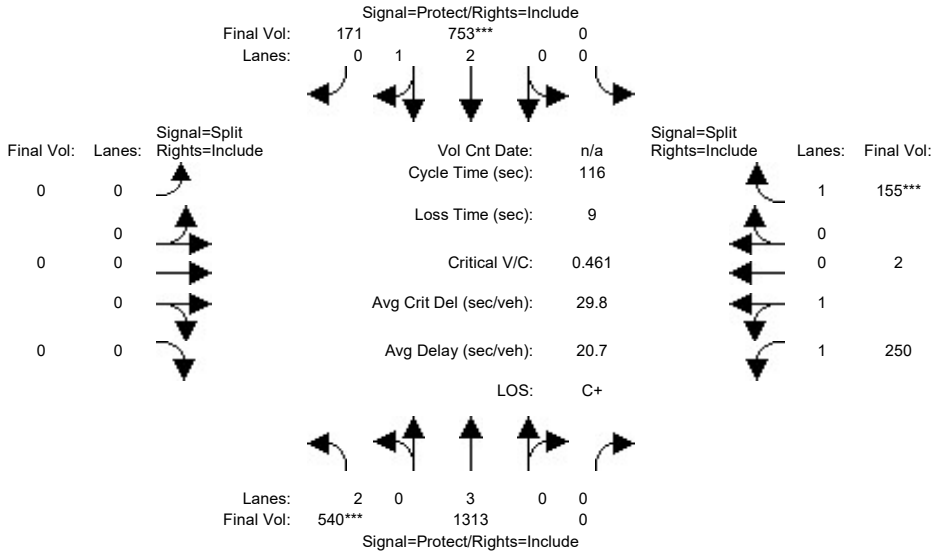
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #3: 85/BASCOM (N)



Street Name:	S BASCOM AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	476	1225	0	0	733	171	0	0	0	247	2	155
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	476	1225	0	0	733	171	0	0	0	247	2	155
Added Vol:	64	88	0	0	20	0	0	0	0	3	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	540	1313	0	0	753	171	0	0	0	250	2	155
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	540	1313	0	0	753	171	0	0	0	250	2	155
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	540	1313	0	0	753	171	0	0	0	250	2	155
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	540	1313	0	0	753	171	0	0	0	250	2	155
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.93	0.95	0.92
Lanes:	2.00	3.00	0.00	0.00	2.42	0.58	0.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	3150	5700	0	0	4562	1036	0	0	0	3522	28	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.23	0.00	0.00	0.17	0.17	0.00	0.00	0.00	0.07	0.07	0.09
Crit Moves:	****				****							****
Green Time:	43.2	84.7	0.0	0.0	41.5	41.5	0.0	0.0	0.0	22.3	22.3	22.3
Volume/Cap:	0.46	0.32	0.00	0.00	0.46	0.46	0.00	0.00	0.00	0.37	0.37	0.46
Delay/Veh:	27.9	5.5	0.0	0.0	28.8	28.8	0.0	0.0	0.0	41.1	41.1	42.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.9	5.5	0.0	0.0	28.8	28.8	0.0	0.0	0.0	41.1	41.1	42.5
LOS by Move:	C	A	A	A	C	C	A	A	A	D	D	D
HCM2kAvgQ:	8	5	0	0	8	8	0	0	0	4	4	6

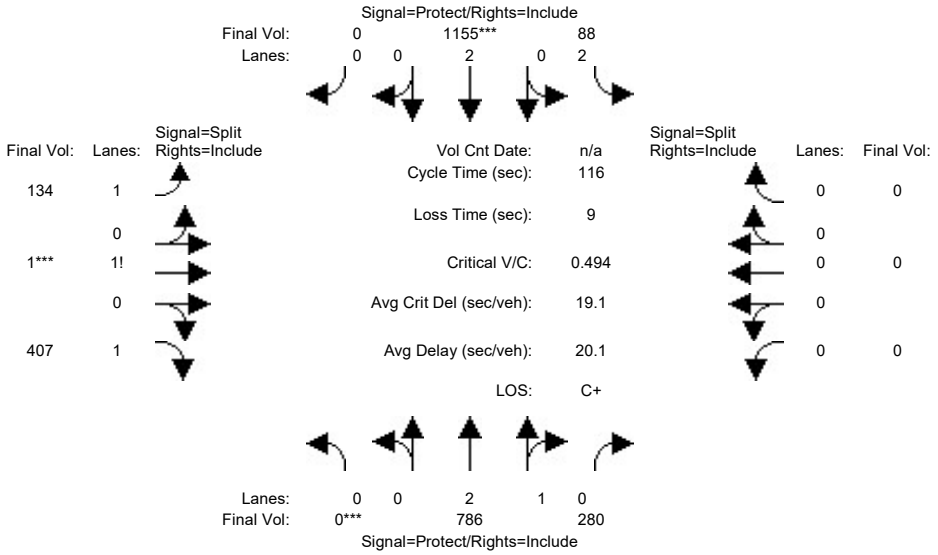
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	757	277	88	1072	0	134	1	330	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	757	277	88	1072	0	134	1	330	0	0	0
Added Vol:	0	29	3	0	83	0	0	0	77	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	786	280	88	1155	0	134	1	407	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	786	280	88	1155	0	134	1	407	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	786	280	88	1155	0	134	1	407	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	786	280	88	1155	0	134	1	407	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.18	0.82	2.00	2.00	0.00	1.25	0.01	1.74	0.00	0.00	0.00
Final Sat.:	0	4127	1470	3150	3800	0	2191	7	3140	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.19	0.03	0.30	0.00	0.06	0.15	0.13	0.00	0.00	0.00
Crit Moves:	****				****			****				
Green Time:	0.0	54.2	54.2	17.2	71.3	0.0	35.7	35.7	35.7	0.0	0.0	0.0
Volume/Cap:	0.00	0.41	0.41	0.19	0.49	0.00	0.20	0.49	0.42	0.00	0.00	0.00
Delay/Veh:	0.0	20.5	20.5	43.5	12.5	0.0	29.7	33.2	32.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.5	20.5	43.5	12.5	0.0	29.7	33.2	32.2	0.0	0.0	0.0
LOS by Move:	A	C+	C+	D	B	A	C	C-	C-	A	A	A
HCM2kAvgQ:	0	8	8	2	11	0	3	9	7	0	0	0

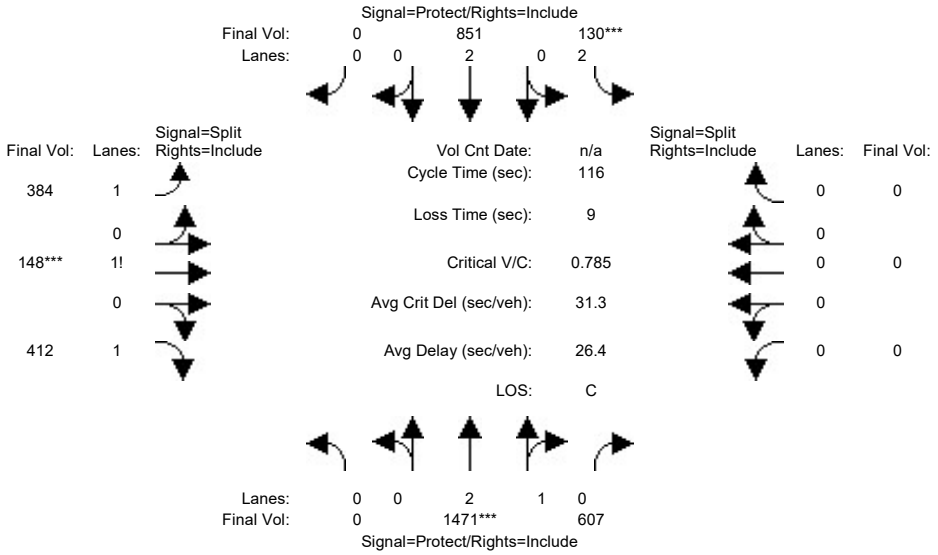
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #4: 85/BASCOM (S)



Street Name:	S BASCOM AVE						SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	1319	593	130	828	0	384	148	397	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1319	593	130	828	0	384	148	397	0	0	0
Added Vol:	0	152	14	0	23	0	0	0	15	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1471	607	130	851	0	384	148	412	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1471	607	130	851	0	384	148	412	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1471	607	130	851	0	384	148	412	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1471	607	130	851	0	384	148	412	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	0.00	2.09	0.91	2.00	2.00	0.00	1.35	0.27	1.38	0.00	0.00	0.00
Final Sat.:	0	3962	1635	3150	3800	0	2365	474	2410	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.37	0.37	0.04	0.22	0.00	0.16	0.31	0.17	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	54.3	54.3	7.0	61.3	0.0	45.7	45.7	45.7	0.0	0.0	0.0
Volume/Cap:	0.00	0.79	0.79	0.68	0.42	0.00	0.41	0.79	0.43	0.00	0.00	0.00
Delay/Veh:	0.0	27.8	27.8	63.3	16.7	0.0	25.6	34.7	25.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.8	27.8	63.3	16.7	0.0	25.6	34.7	25.9	0.0	0.0	0.0
LOS by Move:	A	C	C	E	B	A	C	C-	C	A	A	A
HCM2kAvgQ:	0	19	19	3	9	0	8	20	8	0	0	0

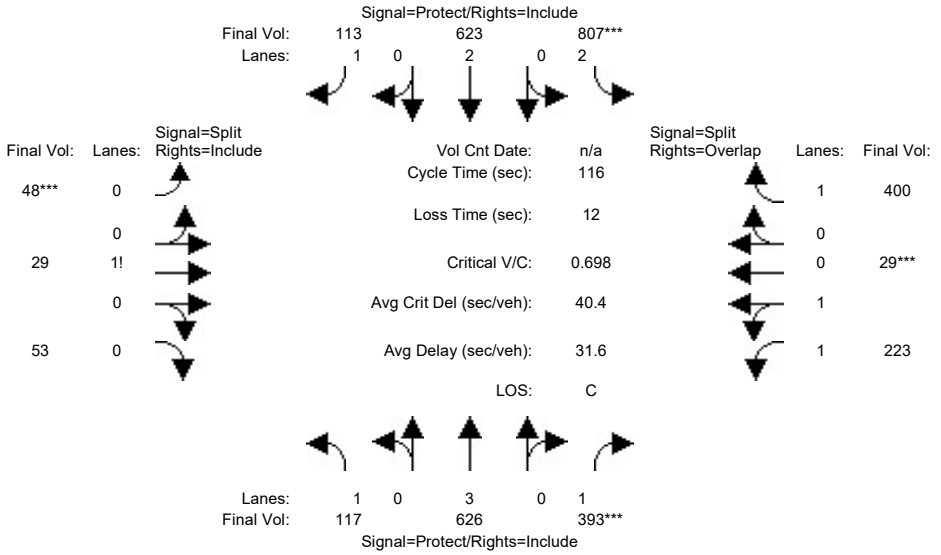
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	117	626	309	647	623	113	48	29	53	207	29	369
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	626	309	647	623	113	48	29	53	207	29	369
Added Vol:	0	0	84	160	0	0	0	0	0	16	0	31
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	626	393	807	623	113	48	29	53	223	29	400
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	626	393	807	623	113	48	29	53	223	29	400
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	626	393	807	623	113	48	29	53	223	29	400
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	626	393	807	623	113	48	29	53	223	29	400
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.37	0.22	0.41	1.77	0.23	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	646	390	713	3141	409	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.22	0.26	0.16	0.06	0.07	0.07	0.07	0.07	0.07	0.23
Crit Moves:			****	****			****				****	
Green Time:	23.1	37.3	37.3	42.6	56.7	56.7	12.3	12.3	12.3	11.8	11.8	54.4
Volume/Cap:	0.34	0.34	0.70	0.70	0.34	0.13	0.70	0.70	0.70	0.70	0.70	0.49
Delay/Veh:	40.4	30.1	38.3	33.2	18.2	16.3	61.1	61.1	61.1	56.3	56.3	21.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.4	30.1	38.3	33.2	18.2	16.3	61.1	61.1	61.1	56.3	56.3	21.7
LOS by Move:	D	C	D+	C-	B-	B	E	E	E	E+	E+	C+
HCM2kAvgQ:	4	5	13	15	6	2	6	6	6	5	5	10

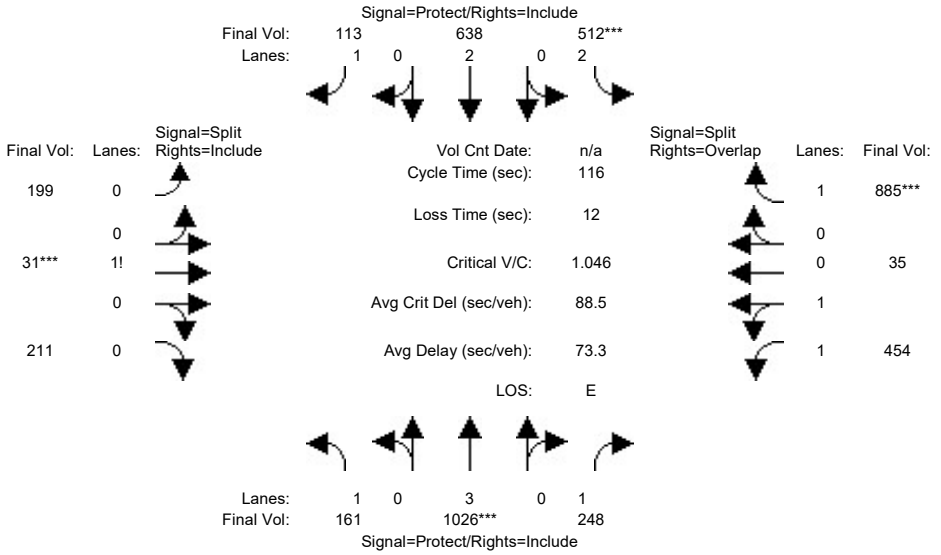
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #5: LOS GATOS//SAMARITAN



Street Name:	LOS GATOS BLVD						SAMARITAN DR/BURTON RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	161	1026	229	475	638	113	199	31	211	370	35	719
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	161	1026	229	475	638	113	199	31	211	370	35	719
Added Vol:	0	0	19	37	0	0	0	0	0	84	0	166
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	161	1026	248	512	638	113	199	31	211	454	35	885
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	161	1026	248	512	638	113	199	31	211	454	35	885
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	1026	248	512	638	113	199	31	211	454	35	885
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	161	1026	248	512	638	113	199	31	211	454	35	885
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.92	0.92	0.93	0.95	0.92
Lanes:	1.00	3.00	1.00	2.00	2.00	1.00	0.45	0.07	0.48	1.86	0.14	1.00
Final Sat.:	1750	5700	1750	3150	3800	1750	790	123	837	3296	254	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.18	0.14	0.16	0.17	0.06	0.25	0.25	0.25	0.14	0.14	0.51
Crit Moves:		****		****				****				****
Green Time:	13.4	20.0	20.0	18.0	24.5	24.5	27.9	27.9	27.9	38.1	38.1	56.1
Volume/Cap:	0.79	1.05	0.82	1.05	0.79	0.31	1.05	1.05	1.05	0.42	0.42	1.05
Delay/Veh:	68.9	89.5	62.9	102.2	48.8	39.0	100.4	100	100.4	30.6	30.6	73.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.9	89.5	62.9	102.2	48.8	39.0	100.4	100	100.4	30.6	30.6	73.6
LOS by Move:	E	F	E	F	D	D	F	F	F	C	C	E
HCM2kAvgQ:	6	15	9	15	11	4	25	25	25	7	7	43

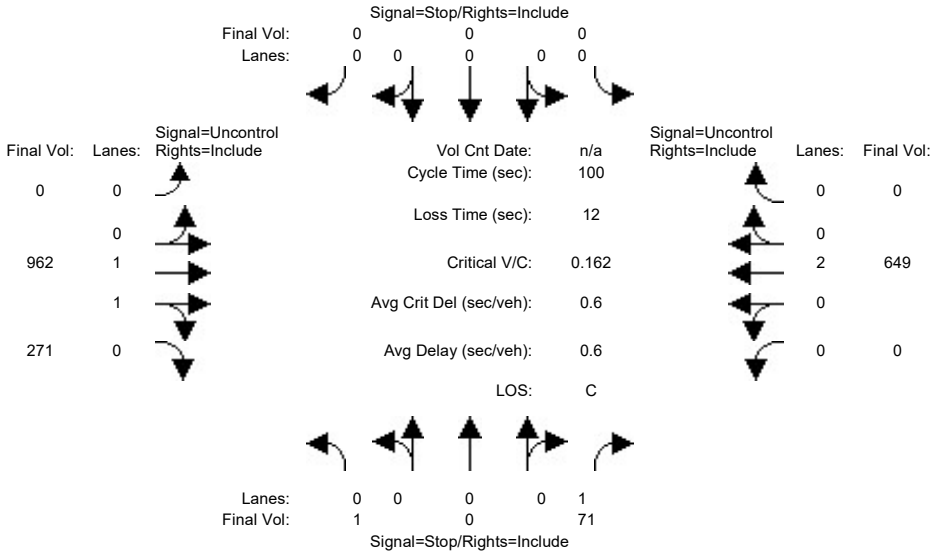
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	1	0	71	0	0	0	0	718	271	0	601	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	0	71	0	0	0	0	718	271	0	601	0
Added Vol:	0	0	0	0	0	0	0	244	0	0	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	0	71	0	0	0	0	962	271	0	649	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1	0	71	0	0	0	0	962	271	0	649	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	1	0	71	0	0	0	0	962	271	0	649	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1422	1747	617	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	129	87	438	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	129	87	438	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	0.01	0.00	0.16	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	424	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	0.6	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	15.2	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	*	*	*
ApproachDel:		15.2			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		C			*			*			*	

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	962	271	0	649	0
ApproachDel:	15.2			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.3]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=72]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1954]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	1	0	71	0	0	0	0	962	271	0	649	0

Major Street Volume: 1882
Minor Approach Volume: 72
Minor Approach Volume Threshold: 67 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

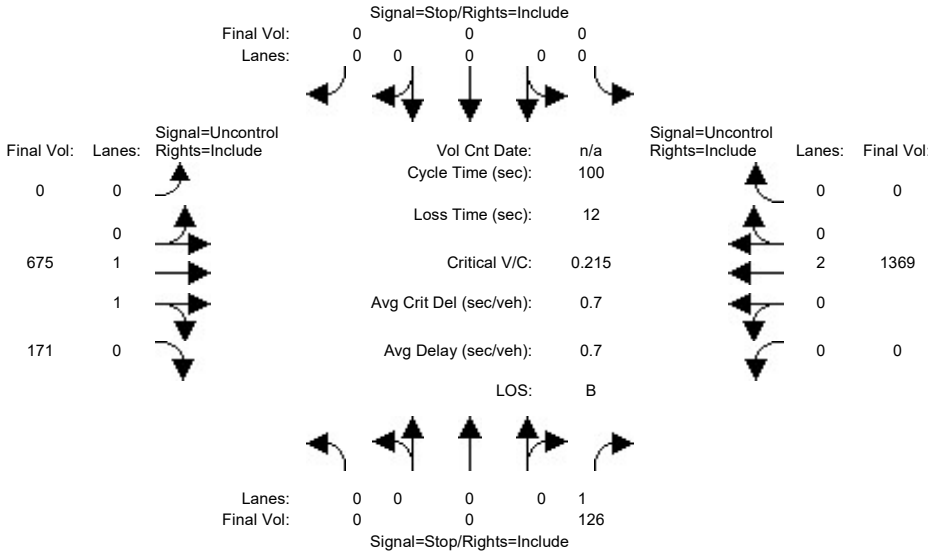
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #6: SAMARITAN/NATIONAL



Street Name:	NATIONAL AVE						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	126	0	0	0	0	619	171	0	1119	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	126	0	0	0	0	619	171	0	1119	0
Added Vol:	0	0	0	0	0	0	0	56	0	0	250	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	126	0	0	0	0	675	171	0	1369	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	126	0	0	0	0	675	171	0	1369	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	126	0	0	0	0	675	171	0	1369	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	423	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	585	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	585	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.22	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	0.8	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	12.8	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	B	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	12.8			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	B			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #6 SAMARITAN/NATIONAL

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 1			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	0	0	126	0	0	0	0	675	171	0	1369	0
ApproachDel:	12.8			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.4]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=126]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2341]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #6 SAMARITAN/NATIONAL

****

Future Volume Alternative: Peak Hour Warrant Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 1			0 0 0 0 0			0 0 1 1 0			0 0 2 0 0		
Initial Vol:	0	0	126	0	0	0	0	675	171	0	1369	0

Major Street Volume: 2215
Minor Approach Volume: 126
Minor Approach Volume Threshold: 11 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

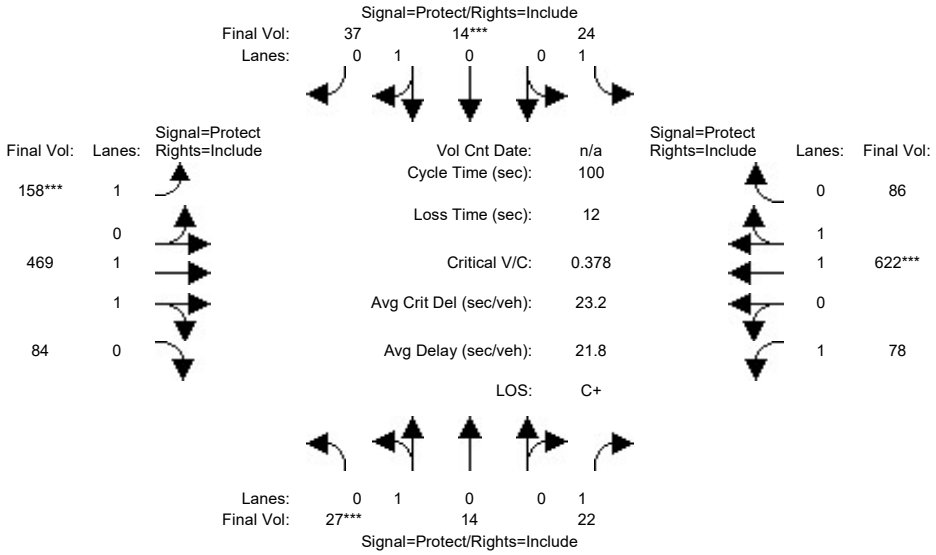
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	27	14	22	24	14	37	158	225	84	78	574	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	14	22	24	14	37	158	225	84	78	574	86
Added Vol:	0	0	0	0	0	0	0	244	0	0	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	14	22	24	14	37	158	469	84	78	622	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	14	22	24	14	37	158	469	84	78	622	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	14	22	24	14	37	158	469	84	78	622	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	14	22	24	14	37	158	469	84	78	622	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.66	0.34	1.00	1.00	0.27	0.73	1.00	1.69	0.31	1.00	1.75	0.25
Final Sat.:	1185	615	1750	1750	494	1306	1750	3138	562	1750	3250	449
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.01	0.03	0.03	0.09	0.15	0.15	0.04	0.19	0.19
Crit Moves:	****				****		****				****	
Green Time:	7.0	10.0	10.0	7.0	10.0	10.0	22.8	48.4	48.4	22.6	48.2	48.2
Volume/Cap:	0.33	0.23	0.13	0.20	0.28	0.28	0.40	0.31	0.31	0.20	0.40	0.40
Delay/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	35.7	16.1	16.1	32.4	17.2	17.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	51.0	44.4	42.5	47.4	45.6	45.6	35.7	16.1	16.1	32.4	17.2	17.2
LOS by Move:	D	D	D	D	D	D	D+	B	B	C-	B	B
HCM2kAvgQ:	2	1	1	1	2	2	4	5	5	2	7	7

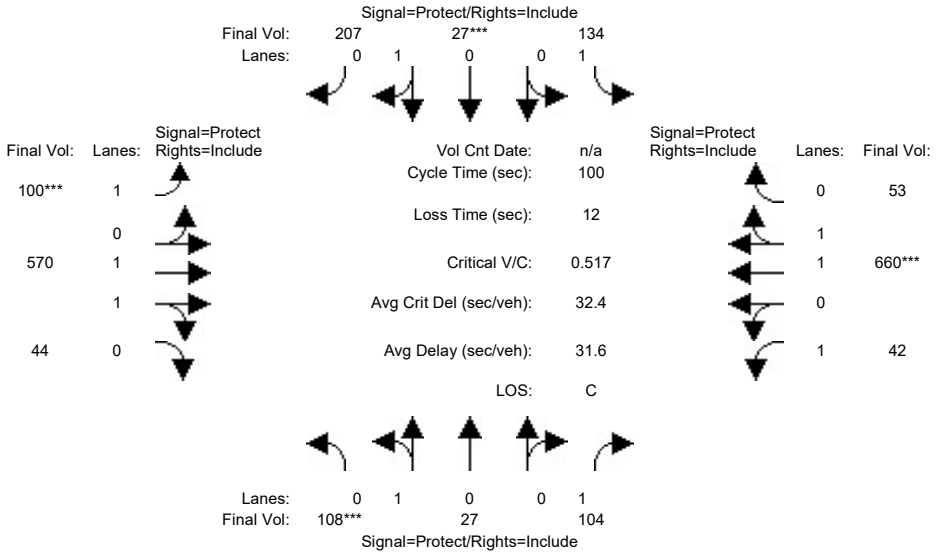
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #7: SAMARITAN/SAMARITAN COURT



Street Name:	SAMARITAN CT						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	108	27	104	134	27	207	100	514	44	42	410	53
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	27	104	134	27	207	100	514	44	42	410	53
Added Vol:	0	0	0	0	0	0	0	56	0	0	250	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	27	104	134	27	207	100	570	44	42	660	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	27	104	134	27	207	100	570	44	42	660	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	27	104	134	27	207	100	570	44	42	660	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	27	104	134	27	207	100	570	44	42	660	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	0.95	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	0.80	0.20	1.00	1.00	0.12	0.88	1.00	1.85	0.15	1.00	1.85	0.15
Final Sat.:	1440	360	1750	1750	208	1592	1750	3435	265	1750	3425	275
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.06	0.08	0.13	0.13	0.06	0.17	0.17	0.02	0.19	0.19
Crit Moves:	****				****		****				****	
Green Time:	14.5	22.5	22.5	17.2	25.2	25.2	11.1	34.0	34.0	14.3	37.3	37.3
Volume/Cap:	0.52	0.33	0.26	0.45	0.52	0.52	0.52	0.49	0.49	0.17	0.52	0.52
Delay/Veh:	46.6	34.7	33.6	41.8	36.4	36.4	51.5	27.5	27.5	39.0	25.7	25.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.6	34.7	33.6	41.8	36.4	36.4	51.5	27.5	27.5	39.0	25.7	25.7
LOS by Move:	D	C-	C-	D	D+	D+	D-	C	C	D	C	C
HCM2kAvgQ:	5	4	3	4	7	7	3	7	7	1	9	9

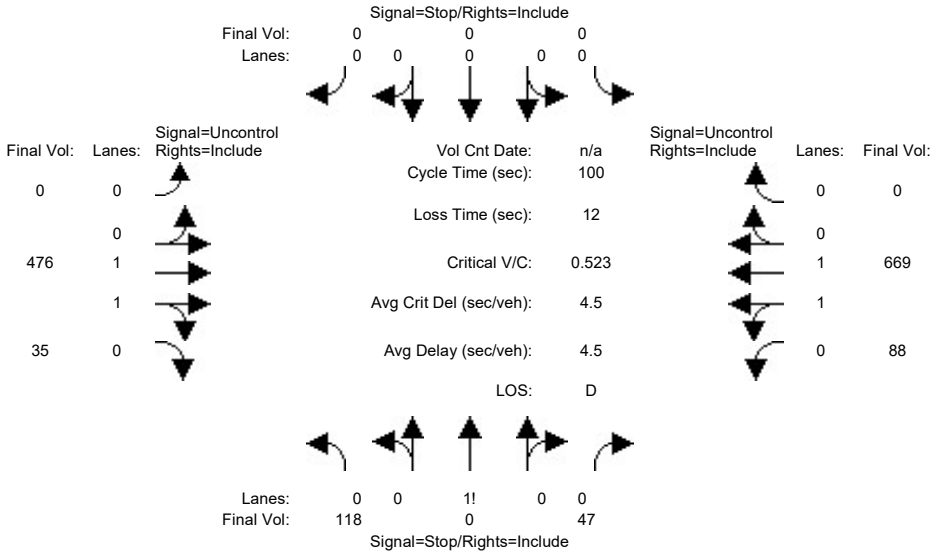
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	118	0	43	0	0	0	0	232	35	87	621	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	118	0	43	0	0	0	0	232	35	87	621	0
Added Vol:	0	0	4	0	0	0	0	244	0	1	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	118	0	47	0	0	0	0	476	35	88	669	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	118	0	47	0	0	0	0	476	35	88	669	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	118	0	47	0	0	0	0	476	35	88	669	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1004	1339	256	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	511	xxxx	xxxxx
Potent Cap.:	242	154	750	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1065	xxxx	xxxxx
Move Cap.:	226	141	750	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	1065	xxxx	xxxxx
Volume/Cap:	0.52	0.00	0.06	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.08	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.3	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.7	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	282	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	3.4	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.3	xxxx	xxxxx
Shrd ConDel:	xxxxx	34.3	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.7	xxxx	xxxxx
Shared LOS:	*	D	*	*	*	*	*	*	*	A	*	*
ApproachDel:		34.3		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		D		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	47	0	0	0	0	476	35	88	669	0
ApproachDel:	34.3			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=1.6]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=165]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1433]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	118	0	47	0	0	0	0	476	35	88	669	0

Major Street Volume: 1268
Minor Approach Volume: 165
Minor Approach Volume Threshold: 203

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

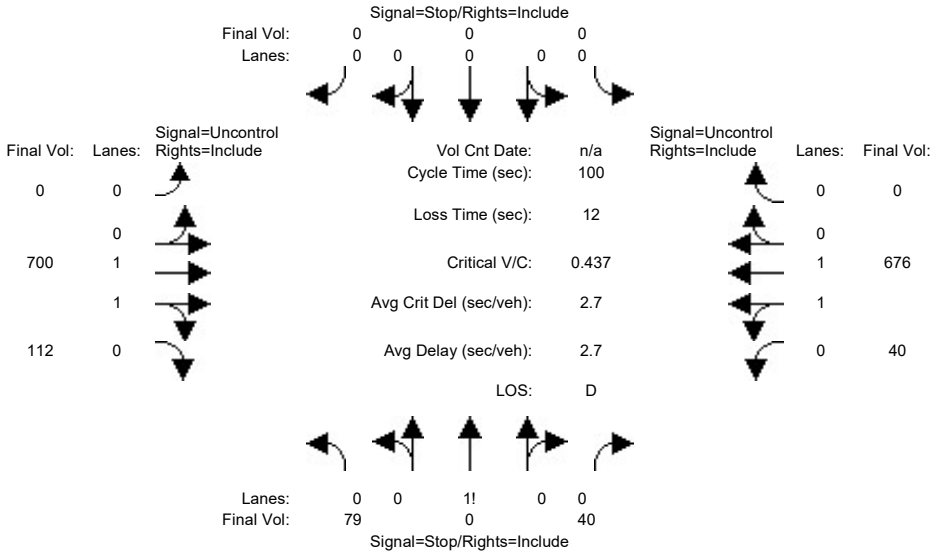
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #8: SAMARITAN/KINGHURST



Street Name:	KINGHURST DR						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	79	0	39	0	0	0	0	644	112	36	426	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	0	39	0	0	0	0	644	112	36	426	0
Added Vol:	0	0	1	0	0	0	0	56	0	4	250	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	0	40	0	0	0	0	700	112	40	676	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	0	40	0	0	0	0	700	112	40	676	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	79	0	40	0	0	0	0	700	112	40	676	0
Critical Gap Module:												
Critical Gp:	6.8	6.5	6.9	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1174	1512	406	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	812	xxxx	xxxxx
Potent Cap.:	188	121	600	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	823	xxxx	xxxxx
Move Cap.:	181	115	600	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	823	xxxx	xxxxx
Volume/Cap:	0.44	0.00	0.07	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.05	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.6	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	236	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	2.6	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Shrd ConDel:	xxxxx	34.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.6	xxxx	xxxxx
Shared LOS:	*	D	*	*	*	*	*	*	*	A	*	*
ApproachDel:		34.8		xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:		D		*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #8 SAMARITAN/KINGHURST

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	40	0	0	0	0	700	112	40	676	0
ApproachDel:	34.8			xxxxxx			xxxxxx			xxxxxx		

Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=1.1]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=119]
SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1647]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #8 SAMARITAN/KINGHURST

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 1! 0 0			0 0 0 0 0			0 0 1 1 0			0 1 1 0 0		
Initial Vol:	79	0	40	0	0	0	0	700	112	40	676	0

Major Street Volume: 1528
Minor Approach Volume: 119
Minor Approach Volume Threshold: 139

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

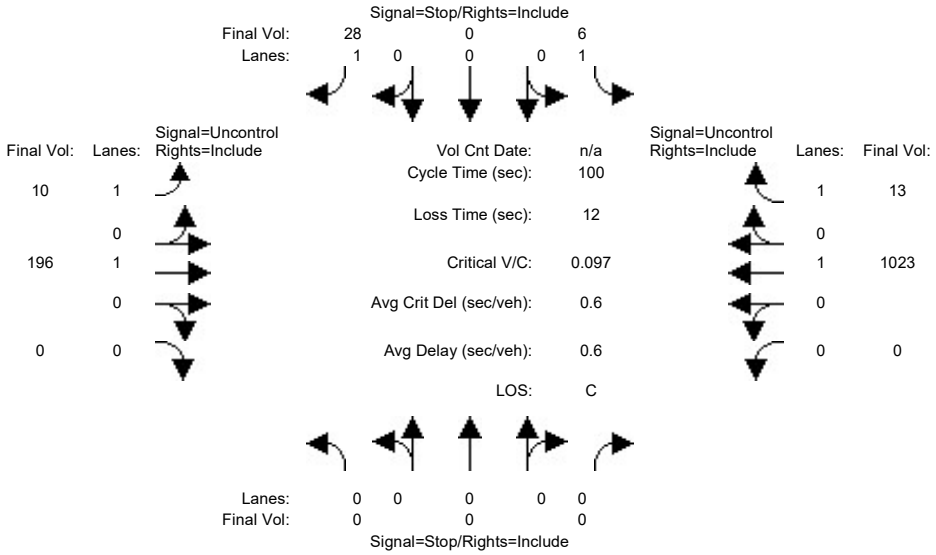
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	21	10	164	0	0	862	13
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	21	10	164	0	0	862	13
Added Vol:	0	0	0	0	0	7	0	32	0	0	161	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	28	10	196	0	0	1023	13
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	28	10	196	0	0	1023	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	28	10	196	0	0	1023	13
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1239	xxxx	1023	1036	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	196	xxxx	289	679	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	193	xxxx	289	679	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.03	xxxx	0.10	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.3	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	24.2	xxxx	18.8	10.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	C	B	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			19.8			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  0    1  0  0  0  1    1  0  1  0  0    0  0  1  0  1
Initial Vol:    0    0     0     6    0    28    10  196     0     0 1023    13
ApproachDel:    xxxxxx            19.8           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.2]
   FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=34]
   FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1276]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #9 SAMARITAN/SAMARITAN PLACE
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  0    1  0  0  0  1    1  0  1  0  0    0  0  1  0  1
Initial Vol:    0    0     0     6    0    28    10  196     0     0 1023    13
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1242
Minor Approach Volume:           34
Minor Approach Volume Threshold: 281
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

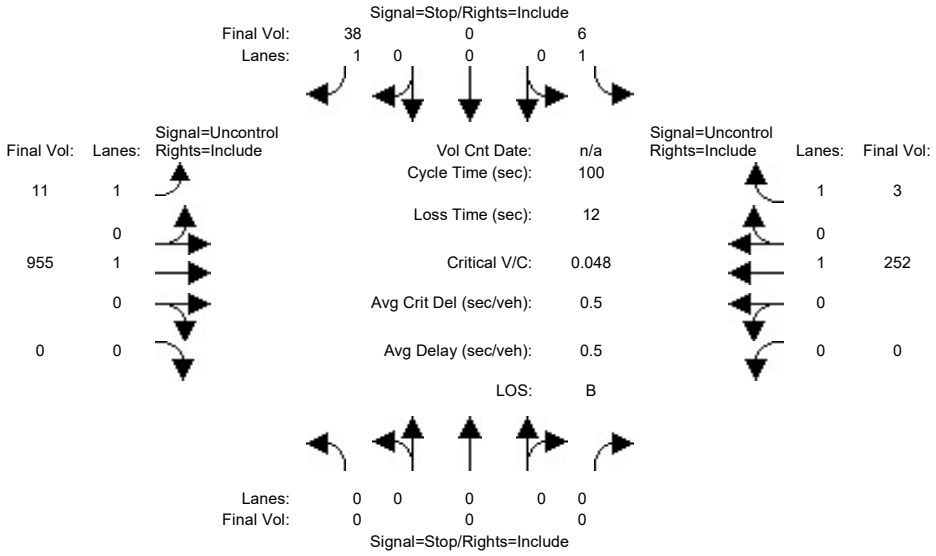
The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #9: SAMARITAN/SAMARITAN PLACE



Street Name:	SAMARITAN PL						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	6	0	7	11	788	0	0	214	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	6	0	7	11	788	0	0	214	3
Added Vol:	0	0	0	0	0	31	0	167	0	0	38	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	6	0	38	11	955	0	0	252	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	6	0	38	11	955	0	0	252	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	6	0	38	11	955	0	0	252	3
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1229	xxxx	252	255	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	198	xxxx	792	1322	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	197	xxxx	792	1322	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.03	xxxx	0.05	0.01	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	0.1	xxxx	0.2	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	23.8	xxxx	9.8	7.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	C	*	A	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			11.7			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #9 SAMARITAN/SAMARITAN PLACE

****

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```
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  0    1  0  0  0  1    1  0  1  0  0    0  0  1  0  1
Initial Vol:    0    0     0     6    0    38    11  955     0     0  252     3
ApproachDel:    xxxxxx            11.7           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[southbound][lanes=2][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 5 for two or more lane approach.
Signal Warrant Rule #2: [approach volume=44]
   FAIL - Approach volume less than 150 for two or more lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1265]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #9 SAMARITAN/SAMARITAN PLACE
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  0    1  0  0  0  1    1  0  1  0  0    0  0  1  0  1
Initial Vol:    0    0     0     6    0    38    11  955     0     0  252     3
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1221
Minor Approach Volume:           44
Minor Approach Volume Threshold: 288
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

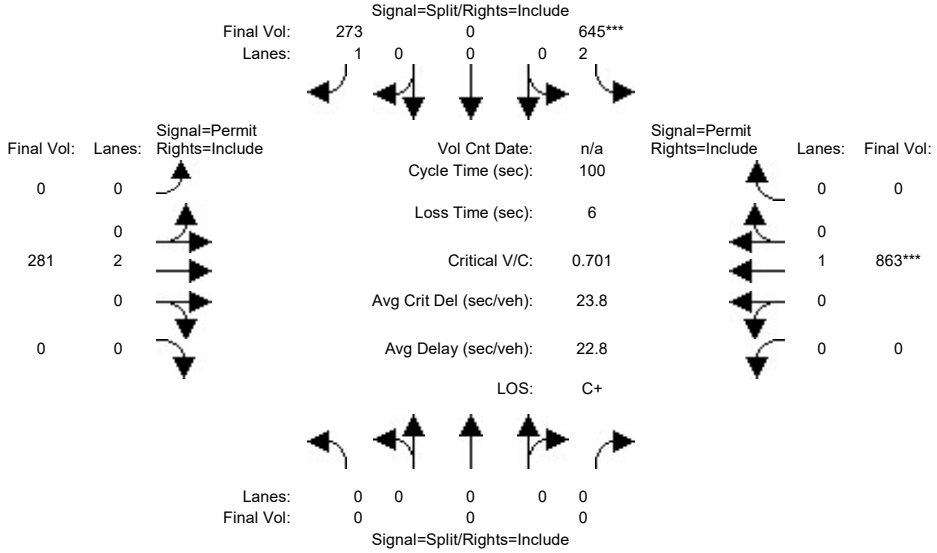
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	645	0	254	0	250	0	0	725	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	645	0	254	0	250	0	0	725	0
Added Vol:	0	0	0	0	0	19	0	31	0	0	138	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	645	0	273	0	281	0	0	863	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	645	0	273	0	281	0	0	863	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	645	0	273	0	281	0	0	863	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	645	0	273	0	281	0	0	863	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.20	0.00	0.16	0.00	0.07	0.00	0.00	0.45	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	29.2	0.0	29.2	0.0	64.8	0.0	0.0	64.8	0.0
Volume/Cap:	0.00	0.00	0.00	0.70	0.00	0.53	0.00	0.11	0.00	0.00	0.70	0.00
Delay/Veh:	0.0	0.0	0.0	35.9	0.0	33.7	0.0	6.8	0.0	0.0	14.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.9	0.0	33.7	0.0	6.8	0.0	0.0	14.7	0.0
LOS by Move:	A	A	A	D+	A	C-	A	A	A	A	B	A
HCM2kAvgQ:	0	0	0	12	0	8	0	2	0	0	19	0

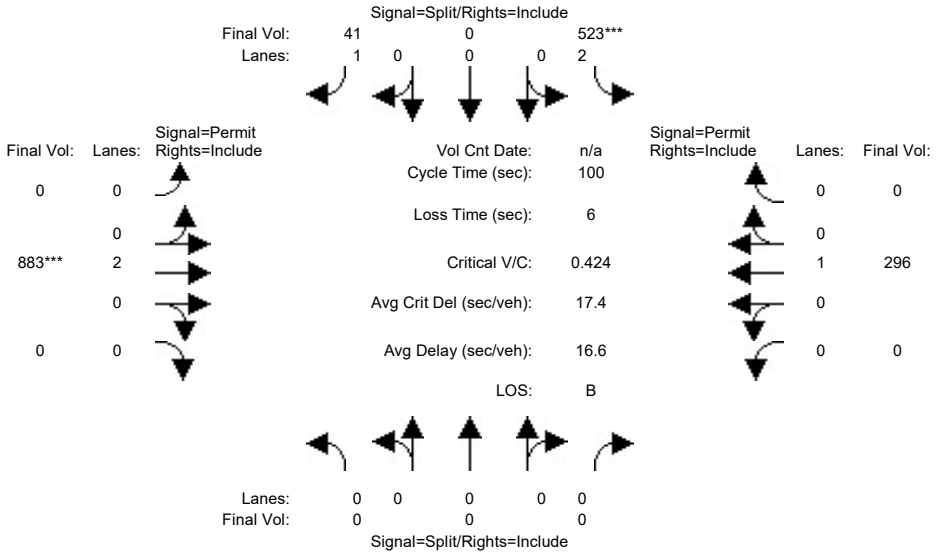
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #10: 85/SAMARITAN (S)



Street Name:	SR 85 SB RAMPS						SAMARITAN DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	523	0	37	0	720	0	0	263	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	523	0	37	0	720	0	0	263	0
Added Vol:	0	0	0	0	0	4	0	163	0	0	33	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	523	0	41	0	883	0	0	296	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	523	0	41	0	883	0	0	296	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	523	0	41	0	883	0	0	296	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	523	0	41	0	883	0	0	296	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	2.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	0	3150	0	1750	0	3800	0	0	1900	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.00	0.02	0.00	0.23	0.00	0.00	0.16	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	39.2	0.0	39.2	0.0	54.8	0.0	0.0	54.8	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.00	0.06	0.00	0.42	0.00	0.00	0.28	0.00
Delay/Veh:	0.0	0.0	0.0	23.3	0.0	19.1	0.0	13.9	0.0	0.0	12.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	23.3	0.0	19.1	0.0	13.9	0.0	0.0	12.8	0.0
LOS by Move:	A	A	A	C	A	B-	A	B	A	A	B	A
HCM2kAvgQ:	0	0	0	7	0	1	0	8	0	0	5	0

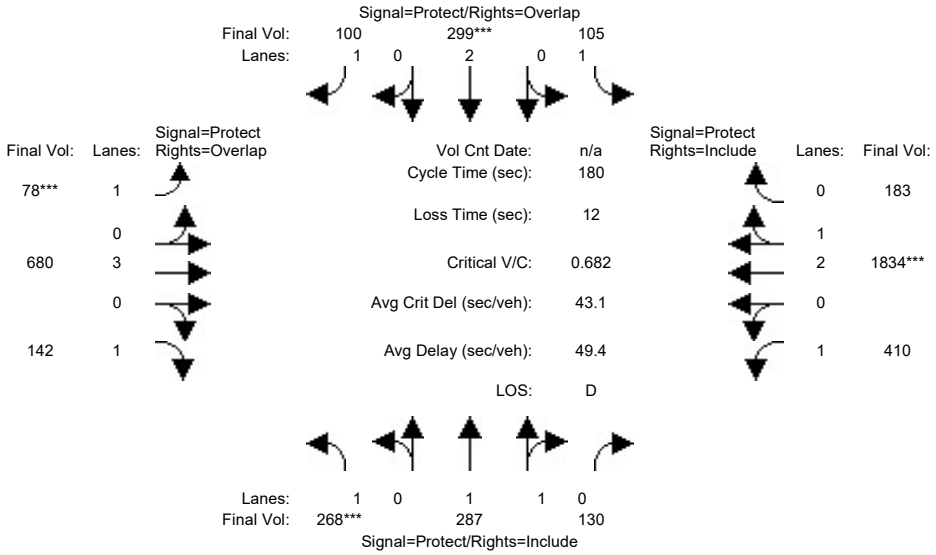
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	268	286	127	105	295	100	78	680	142	394	1834	183
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	286	127	105	295	100	78	680	142	394	1834	183
Added Vol:	0	1	3	0	4	0	0	0	0	16	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	268	287	130	105	299	100	78	680	142	410	1834	183
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	287	130	105	299	100	78	680	142	410	1834	183
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	287	130	105	299	100	78	680	142	410	1834	183
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	268	287	130	105	299	100	78	680	142	410	1834	183
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.36	0.64	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	1750	2546	1153	1750	3800	1750	1750	5700	1750	1750	5091	508
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.06	0.08	0.06	0.04	0.12	0.08	0.23	0.36	0.36
Crit Moves:	****				****		****				****	
Green Time:	40.4	39.9	39.9	21.2	20.8	32.5	11.8	36.0	76.5	70.8	95.1	95.1
Volume/Cap:	0.68	0.51	0.51	0.51	0.68	0.32	0.68	0.60	0.19	0.60	0.68	0.68
Delay/Veh:	68.8	62.0	62.0	76.6	80.8	64.7	97.9	66.2	32.5	44.7	32.0	32.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	68.8	62.0	62.0	76.6	80.8	64.7	97.9	66.2	32.5	44.7	32.0	32.0
LOS by Move:	E	E	E	E-	F	E	F	E	C-	D	C	C
HCM2kAvgQ:	15	10	10	6	9	5	6	12	5	19	27	27

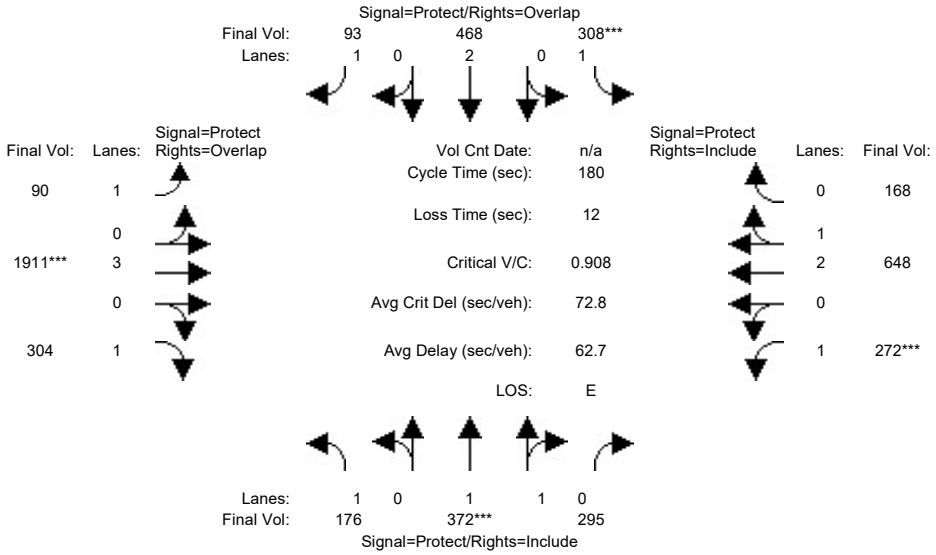
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #11: CAMDEN/UNION



Street Name:	UNION AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	176	368	274	308	467	93	90	1911	304	267	648	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	176	368	274	308	467	93	90	1911	304	267	648	168
Added Vol:	0	4	21	0	1	0	0	0	0	5	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	176	372	295	308	468	93	90	1911	304	272	648	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	176	372	295	308	468	93	90	1911	304	272	648	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	176	372	295	308	468	93	90	1911	304	272	648	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	176	372	295	308	468	93	90	1911	304	272	648	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.09	0.91	1.00	2.00	1.00	1.00	3.00	1.00	1.00	2.36	0.64
Final Sat.:	1750	2062	1635	1750	3800	1750	1750	5700	1750	1750	4446	1153
Capacity Analysis Module:												
Vol/Sat:	0.10	0.18	0.18	0.18	0.12	0.05	0.05	0.34	0.17	0.16	0.15	0.15
Crit Moves:		****		****				****		****		
Green Time:	31.8	35.8	35.8	34.9	38.9	64.3	25.4	66.5	98.3	30.8	71.9	71.9
Volume/Cap:	0.57	0.91	0.91	0.91	0.57	0.15	0.36	0.91	0.32	0.91	0.36	0.36
Delay/Veh:	70.4	85.5	85.5	97.9	64.0	39.4	70.9	60.1	22.7	102.6	38.1	38.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.4	85.5	85.5	97.9	64.0	39.4	70.9	60.1	22.7	102.6	38.1	38.1
LOS by Move:	E	F	F	F	E	D	E	E	C+	F	D+	D+
HCM2kAvgQ:	10	21	21	21	12	4	5	36	10	19	10	10

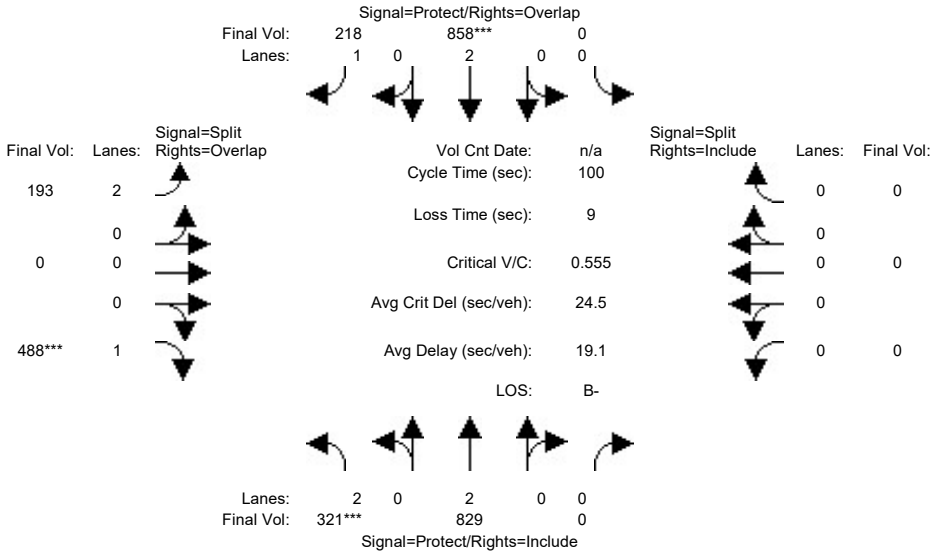
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	317	824	0	0	833	218	193	0	412	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	317	824	0	0	833	218	193	0	412	0	0	0
Added Vol:	4	5	0	0	25	0	0	0	76	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	321	829	0	0	858	218	193	0	488	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	321	829	0	0	858	218	193	0	488	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	321	829	0	0	858	218	193	0	488	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	321	829	0	0	858	218	193	0	488	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.22	0.00	0.00	0.23	0.12	0.06	0.00	0.28	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	18.4	59.1	0.0	0.0	40.7	72.6	31.9	0.0	50.3	0.0	0.0	0.0
Volume/Cap:	0.55	0.37	0.00	0.00	0.55	0.17	0.19	0.00	0.55	0.00	0.00	0.00
Delay/Veh:	38.3	10.8	0.0	0.0	23.1	4.3	24.8	0.0	17.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.3	10.8	0.0	0.0	23.1	4.3	24.8	0.0	17.9	0.0	0.0	0.0
LOS by Move:	D+	B+	A	A	C	A	C	A	B	A	A	A
HCM2kAvgQ:	5	6	0	0	10	2	3	0	11	0	0	0

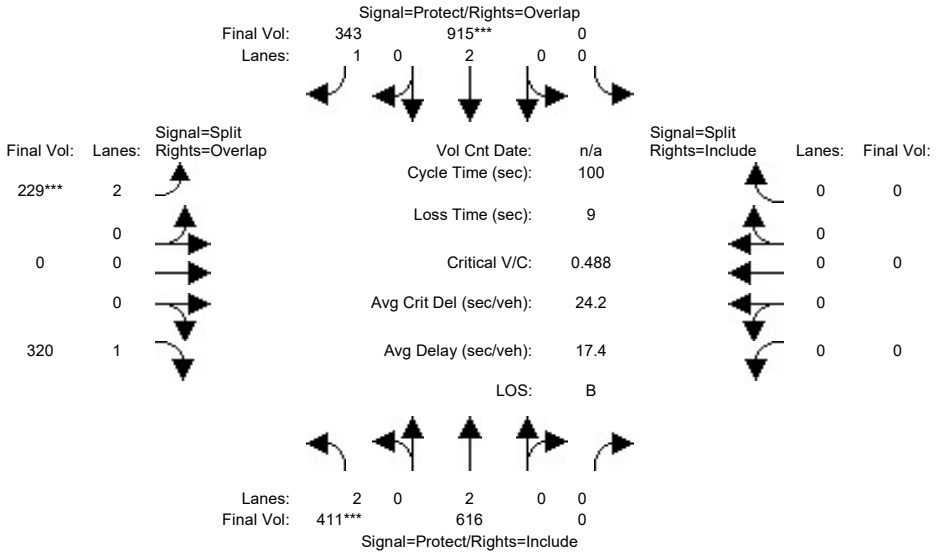
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #12: 85/UNION(N)



Street Name:	UNION AVE						SR 85 NB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	395	587	0	0	908	343	229	0	302	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	395	587	0	0	908	343	229	0	302	0	0	0
Added Vol:	16	29	0	0	7	0	0	0	18	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	411	616	0	0	915	343	229	0	320	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	411	616	0	0	915	343	229	0	320	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	411	616	0	0	915	343	229	0	320	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	411	616	0	0	915	343	229	0	320	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	0.00	0.00	2.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	3150	3800	0	0	3800	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.16	0.00	0.00	0.24	0.20	0.07	0.00	0.18	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	26.7	76.1	0.0	0.0	49.4	64.3	14.9	0.0	41.6	0.0	0.0	0.0
Volume/Cap:	0.49	0.21	0.00	0.00	0.49	0.31	0.49	0.00	0.44	0.00	0.00	0.00
Delay/Veh:	31.3	3.4	0.0	0.0	17.1	8.1	39.8	0.0	21.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	3.4	0.0	0.0	17.1	8.1	39.8	0.0	21.3	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	A	D	A	C+	A	A	A
HCM2kAvgQ:	6	3	0	0	9	5	4	0	8	0	0	0

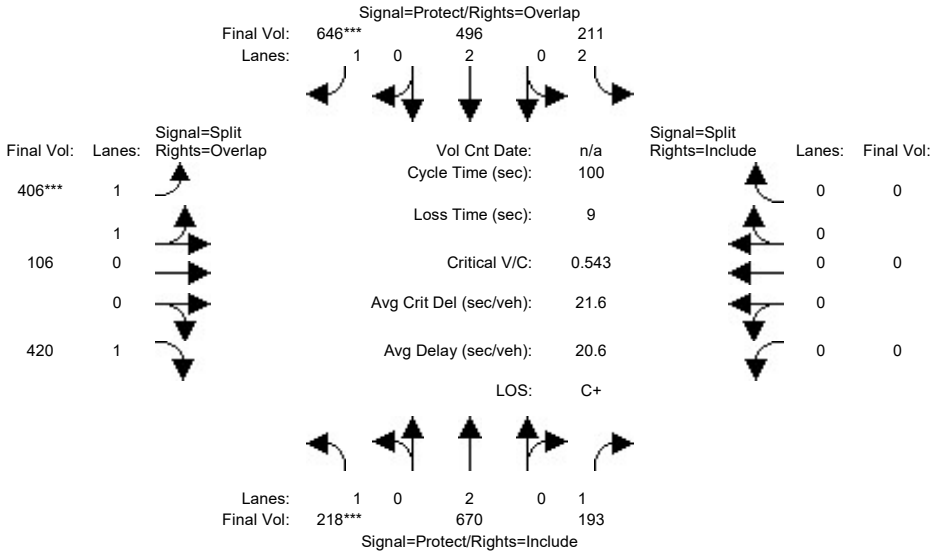
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	181	670	193	211	496	545	397	91	413	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	181	670	193	211	496	545	397	91	413	0	0	0
Added Vol:	37	0	0	0	0	101	9	15	7	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	218	670	193	211	496	646	406	106	420	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	218	670	193	211	496	646	406	106	420	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	218	670	193	211	496	646	406	106	420	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	218	670	193	211	496	646	406	106	420	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.59	0.41	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	2815	735	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.12	0.18	0.11	0.07	0.13	0.37	0.14	0.14	0.24	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	23.0	46.1	46.1	18.3	41.5	68.0	26.6	26.6	49.5	0.0	0.0	0.0
Volume/Cap:	0.54	0.38	0.24	0.37	0.31	0.54	0.54	0.54	0.48	0.00	0.00	0.00
Delay/Veh:	35.4	17.8	16.5	36.2	19.8	8.6	32.1	32.1	17.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.4	17.8	16.5	36.2	19.8	8.6	32.1	32.1	17.2	0.0	0.0	0.0
LOS by Move:	D+	B	B	D+	B-	A	C-	C-	B	A	A	A
HCM2kAvgQ:	6	6	4	3	5	11	7	7	9	0	0	0

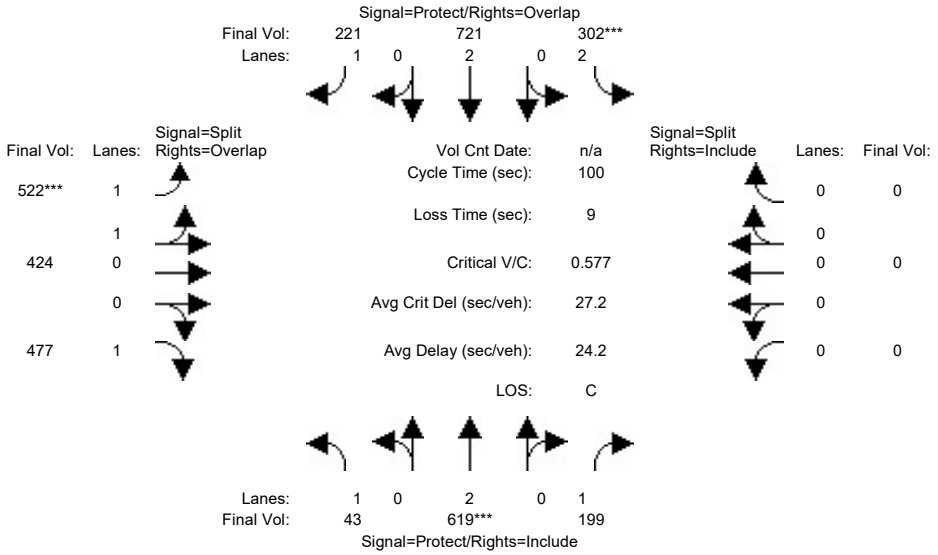
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #13: 85/UNION(S)



Street Name:	UNION AVE						SAMARITAN DR / SR 85 SB RAMPS					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	34	619	199	302	721	197	476	345	439	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	34	619	199	302	721	197	476	345	439	0	0	0
Added Vol:	9	0	0	0	0	24	46	79	38	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	619	199	302	721	221	522	424	477	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	619	199	302	721	221	522	424	477	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	619	199	302	721	221	522	424	477	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	619	199	302	721	221	522	424	477	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	0.95	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.12	0.88	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1959	1591	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.16	0.11	0.10	0.19	0.13	0.27	0.27	0.27	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	12.1	28.2	28.2	16.6	32.7	78.9	46.2	46.2	58.3	0.0	0.0	0.0
Volume/Cap:	0.20	0.58	0.40	0.58	0.58	0.16	0.58	0.58	0.47	0.00	0.00	0.00
Delay/Veh:	40.1	31.6	29.6	40.1	28.6	2.6	20.3	20.3	12.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.1	31.6	29.6	40.1	28.6	2.6	20.3	20.3	12.3	0.0	0.0	0.0
LOS by Move:	D	C	C	D	C	A	C+	C+	B	A	A	A
HCM2kAvgQ:	1	8	5	5	9	2	11	11	9	0	0	0

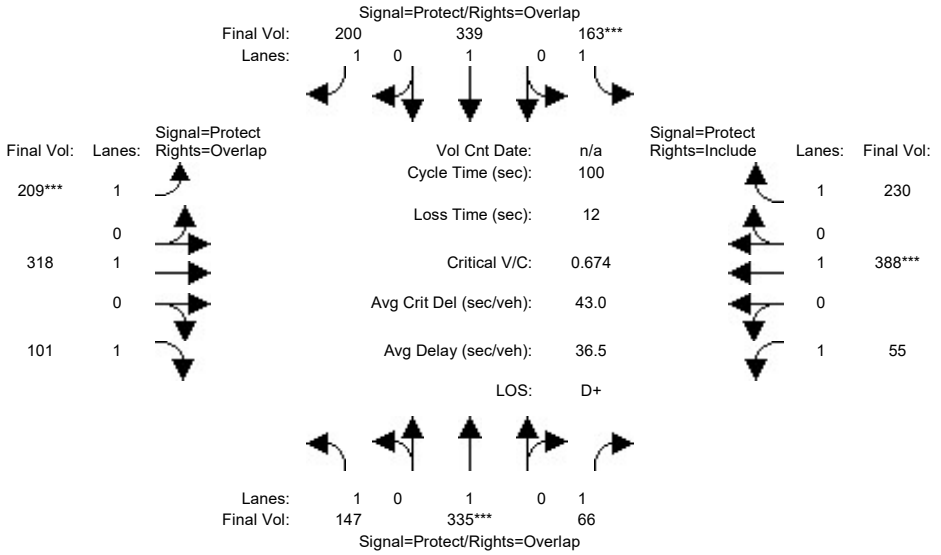
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	147	319	66	159	336	200	209	318	101	55	388	210
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	319	66	159	336	200	209	318	101	55	388	210
Added Vol:	0	16	0	4	3	0	0	0	0	0	0	20
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	147	335	66	163	339	200	209	318	101	55	388	230
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	147	335	66	163	339	200	209	318	101	55	388	230
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	147	335	66	163	339	200	209	318	101	55	388	230
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	147	335	66	163	339	200	209	318	101	55	388	230
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.18	0.04	0.09	0.18	0.11	0.12	0.17	0.06	0.03	0.20	0.13
Crit Moves:		****			****			****			****	
Green Time:	12.8	26.2	40.3	13.8	27.2	44.9	17.7	33.9	46.7	14.2	30.3	30.3
Volume/Cap:	0.66	0.67	0.09	0.67	0.66	0.25	0.67	0.49	0.12	0.22	0.67	0.43
Delay/Veh:	55.6	40.2	18.8	55.0	38.7	17.9	49.6	29.0	15.4	40.1	36.7	30.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.6	40.2	18.8	55.0	38.7	17.9	49.6	29.0	15.4	40.1	36.7	30.5
LOS by Move:	E+	D	B-	D-	D+	B	D	C	B	D	D+	C
HCM2kAvgQ:	6	10	1	6	10	4	7	8	2	2	11	6

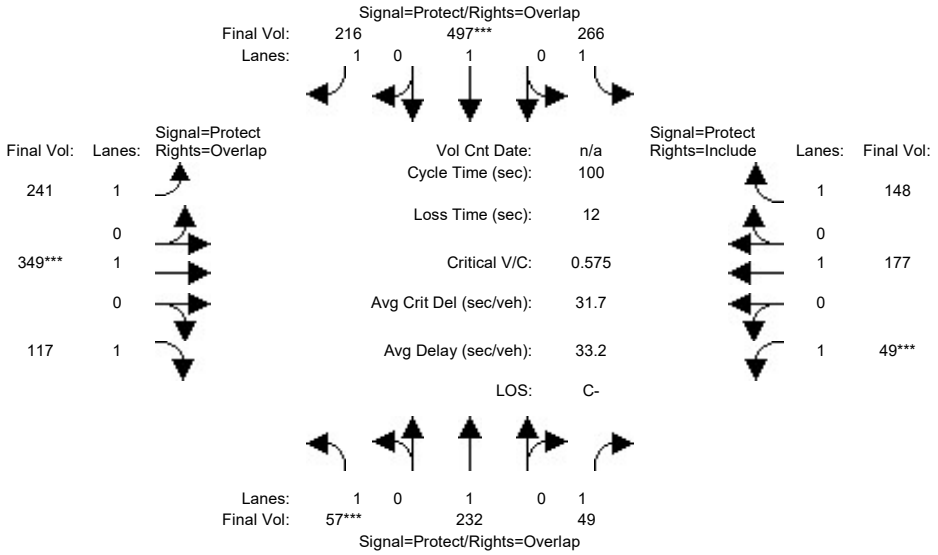
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #14: LOS GATOS-ALMADEN/UNION



Street Name:	UNION AVE						LOS GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	57	228	49	245	480	216	241	349	117	49	177	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	228	49	245	480	216	241	349	117	49	177	143
Added Vol:	0	4	0	21	17	0	0	0	0	0	0	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	232	49	266	497	216	241	349	117	49	177	148
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	232	49	266	497	216	241	349	117	49	177	148
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	232	49	266	497	216	241	349	117	49	177	148
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	232	49	266	497	216	241	349	117	49	177	148
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	1900	1750	1750	1900	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.12	0.03	0.15	0.26	0.12	0.14	0.18	0.07	0.03	0.09	0.08
Crit Moves:	****				****			****			****	
Green Time:	7.0	22.5	29.5	28.0	43.5	65.2	21.7	30.5	37.5	7.0	15.8	15.8
Volume/Cap:	0.47	0.54	0.09	0.54	0.60	0.19	0.63	0.60	0.18	0.40	0.59	0.54
Delay/Veh:	56.9	39.1	25.9	34.9	24.9	7.3	43.3	34.1	21.5	54.0	47.4	46.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.9	39.1	25.9	34.9	24.9	7.3	43.3	34.1	21.5	54.0	47.4	46.0
LOS by Move:	E+	D	C	C-	C	A	D	C-	C+	D-	D	D
HCM2kAvgQ:	2	7	1	8	12	3	8	9	3	2	6	5

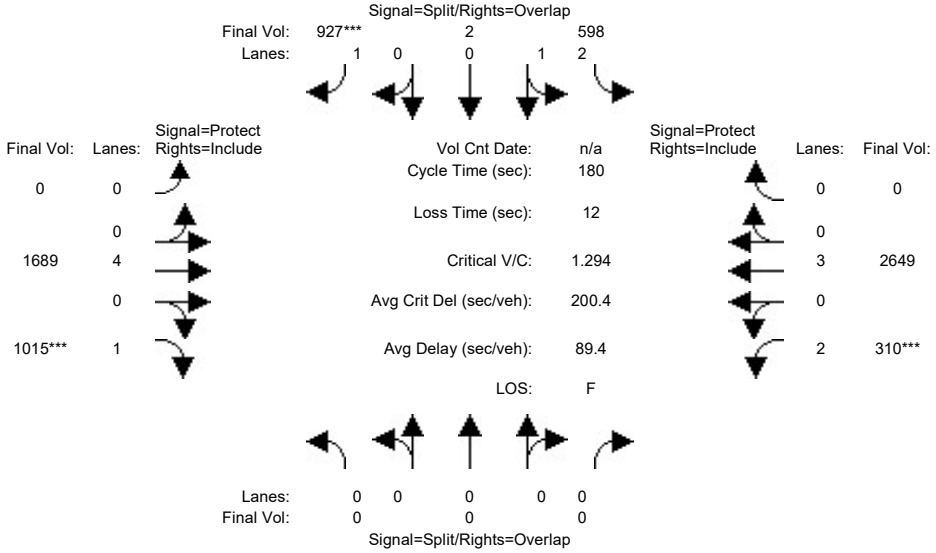
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	582	2	927	0	1664	1015	310	2644	0
Added Vol:	0	0	0	16	0	0	0	25	0	0	5	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	598	2	927	0	1689	1015	310	2649	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	598	2	927	0	1689	1015	310	2649	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	598	2	927	0	1689	1015	310	2649	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	598	2	927	0	1689	1015	310	2649	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4933	16	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.12	0.53	0.00	0.22	0.58	0.10	0.46	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	73.7	73.7	73.7	0.0	80.7	80.7	13.7	94.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.30	0.30	1.29	0.00	0.50	1.29	1.29	0.89	0.00
Delay/Veh:	0.0	0.0	0.0	35.8	35.8	195.9	0.0	35.4	191.6	243.0	41.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	35.8	35.8	195.9	0.0	35.4	191.6	243.0	41.7	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D+	F	F	D	A
HCM2kAvgQ:	0	0	0	8	8	83	0	16	90	15	42	0

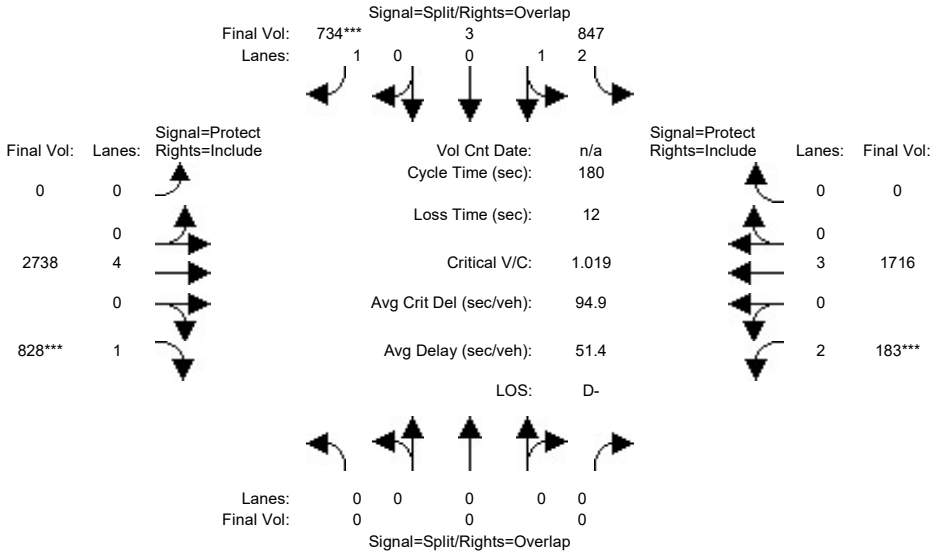
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #15: 17/CAMDEN(S)



Street Name:	SR 17 SB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	844	3	734	0	2731	828	183	1684	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	844	3	734	0	2731	828	183	1684	0
Added Vol:	0	0	0	3	0	0	0	7	0	0	32	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	847	3	734	0	2738	828	183	1716	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	847	3	734	0	2738	828	183	1716	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	847	3	734	0	2738	828	183	1716	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	847	3	734	0	2738	828	183	1716	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.87	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	0.00	0.00	2.99	0.01	1.00	0.00	4.00	1.00	2.00	3.00	0.00
Final Sat.:	0	0	0	4932	17	1750	0	7600	1750	3150	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.17	0.42	0.00	0.36	0.47	0.06	0.30	0.00
Crit Moves:						****			****	****		
Green Time:	0.0	0.0	0.0	74.1	74.1	74.1	0.0	83.6	83.6	10.3	93.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.42	0.42	1.02	0.00	0.78	1.02	1.02	0.58	0.00
Delay/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.5	84.5	156.9	29.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.7	37.7	91.2	0.0	41.5	84.5	156.9	29.8	0.0
LOS by Move:	A	A	A	D+	D+	F	A	D	F	F	C	A
HCM2kAvgQ:	0	0	0	12	12	51	0	32	57	7	21	0

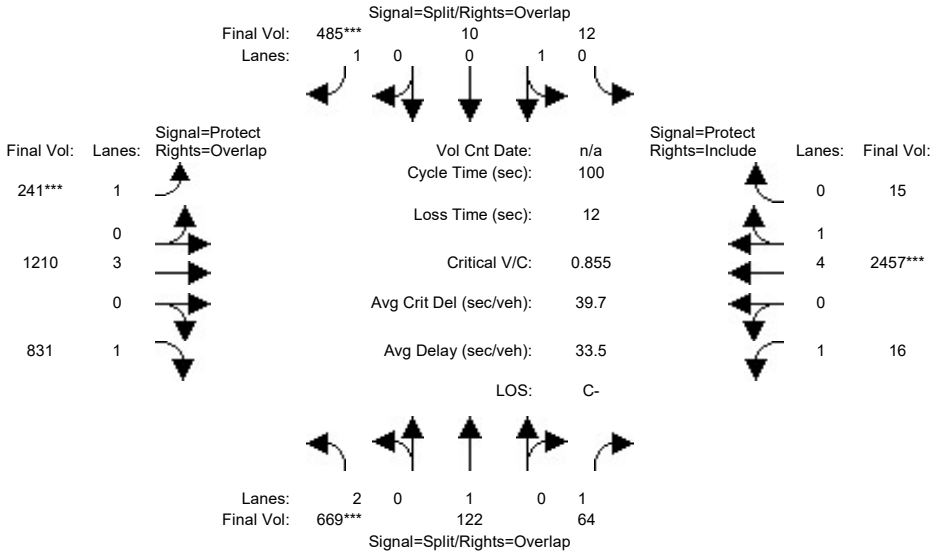
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	669	122	64	12	10	485	241	1170	831	16	2449	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	669	122	64	12	10	485	241	1170	831	16	2449	15
Added Vol:	0	0	0	0	0	0	0	40	0	0	8	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	669	122	64	12	10	485	241	1210	831	16	2457	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	669	122	64	12	10	485	241	1210	831	16	2457	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	669	122	64	12	10	485	241	1210	831	16	2457	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	669	122	64	12	10	485	241	1210	831	16	2457	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.55	0.45	1.00	1.00	3.00	1.00	1.00	4.97	0.03
Final Sat.:	3150	1900	1750	982	818	1750	1750	5700	1750	1750	9343	57
Capacity Analysis Module:												
Vol/Sat:	0.21	0.06	0.04	0.01	0.01	0.28	0.14	0.21	0.47	0.01	0.26	0.26
Crit Moves:	****					****	****				****	
Green Time:	24.8	24.8	34.7	16.3	16.3	32.4	16.1	37.0	61.8	9.9	30.8	30.8
Volume/Cap:	0.86	0.26	0.11	0.07	0.07	0.86	0.86	0.57	0.77	0.09	0.86	0.86
Delay/Veh:	45.0	30.5	22.2	35.6	35.6	43.7	62.5	25.6	17.3	41.2	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.0	30.5	22.2	35.6	35.6	43.7	62.5	25.6	17.3	41.2	35.2	35.2
LOS by Move:	D	C	C+	D+	D+	D	E	C	B	D	D+	D+
HCM2kAvgQ:	15	3	1	1	1	18	9	10	20	0	14	14

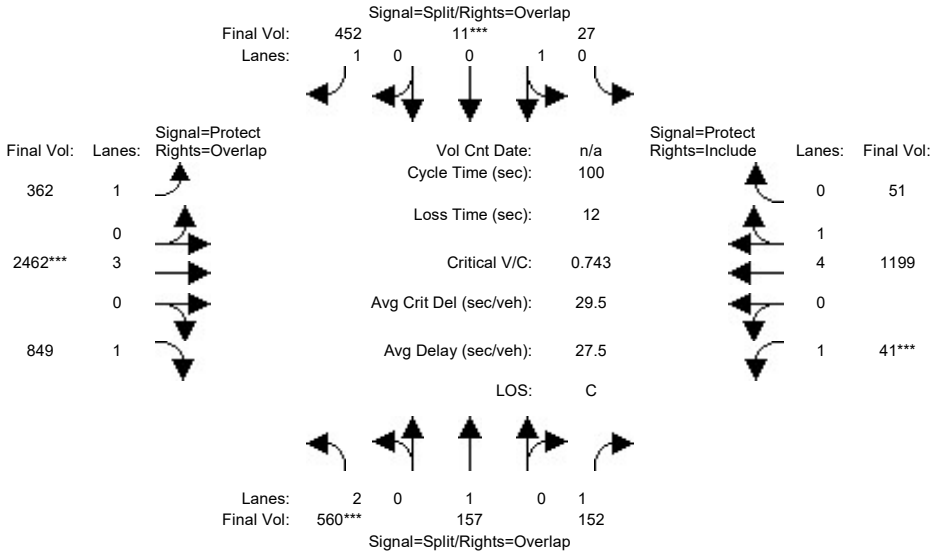
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #16: CAMDEN/WHITEOAKS



Street Name:	WHITE OAKS RD/CURTNER AVE						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	560	157	152	27	11	452	362	2452	849	41	1154	51
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	560	157	152	27	11	452	362	2452	849	41	1154	51
Added Vol:	0	0	0	0	0	0	0	10	0	0	45	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	560	157	152	27	11	452	362	2462	849	41	1199	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	560	157	152	27	11	452	362	2462	849	41	1199	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	560	157	152	27	11	452	362	2462	849	41	1199	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	560	157	152	27	11	452	362	2462	849	41	1199	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	1.00	1.00	0.71	0.29	1.00	1.00	3.00	1.00	1.00	4.79	0.21
Final Sat.:	3150	1900	1750	1279	521	1750	1750	5700	1750	1750	9016	383
Capacity Analysis Module:												
Vol/Sat:	0.18	0.08	0.09	0.02	0.02	0.26	0.21	0.43	0.49	0.02	0.13	0.13
Crit Moves:	****				****			****			****	
Green Time:	20.7	20.7	27.7	10.0	10.0	44.9	34.9	50.3	71.0	7.0	22.4	22.4
Volume/Cap:	0.86	0.40	0.31	0.21	0.21	0.58	0.59	0.86	0.68	0.33	0.59	0.59
Delay/Veh:	49.3	34.9	29.0	42.0	42.0	21.5	28.3	24.6	9.8	45.9	35.2	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.3	34.9	29.0	42.0	42.0	21.5	28.3	24.6	9.8	45.9	35.2	35.2
LOS by Move:	D	C-	C	D	D	C+	C	C	A	D	D+	D+
HCM2kAvgQ:	13	4	4	1	1	11	9	22	15	1	7	7

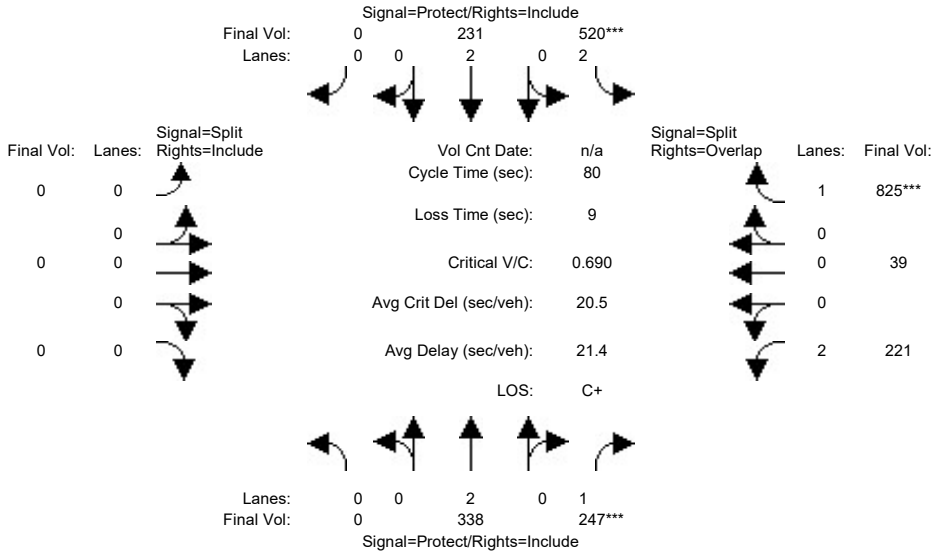
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	338	239	508	231	0	0	0	0	219	39	823
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	338	239	508	231	0	0	0	0	219	39	823
Added Vol:	0	0	8	12	0	0	0	0	0	2	0	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	338	247	520	231	0	0	0	0	221	39	825
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	338	247	520	231	0	0	0	0	221	39	825
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	338	247	520	231	0	0	0	0	221	39	825
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	338	247	520	231	0	0	0	0	221	39	825
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	1.72	0.28	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3011	531	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.09	0.14	0.17	0.06	0.00	0.00	0.00	0.00	0.07	0.07	0.47
Crit Moves:			****	****								****
Green Time:	0.0	16.4	16.4	19.1	35.5	0.0	0.0	0.0	0.0	35.5	35.5	54.6
Volume/Cap:	0.00	0.43	0.69	0.69	0.14	0.00	0.00	0.00	0.00	0.17	0.17	0.69
Delay/Veh:	0.0	29.6	39.9	32.9	13.4	0.0	0.0	0.0	0.0	13.4	13.4	10.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	29.6	39.9	32.9	13.4	0.0	0.0	0.0	0.0	13.4	13.4	10.1
LOS by Move:	A	C	D	C-	B	A	A	A	A	B	B	B+
HCM2kAvgQ:	0	4	7	8	2	0	0	0	0	2	2	14

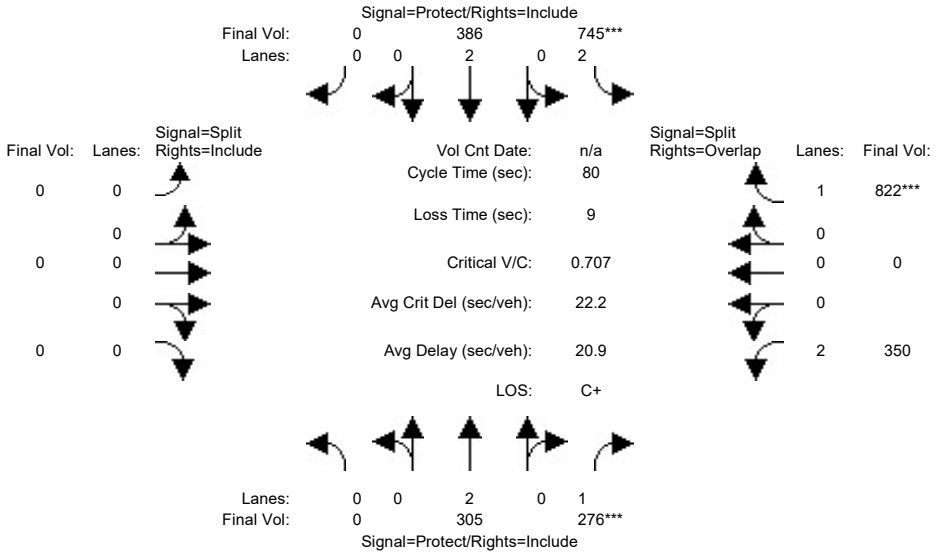
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #17: LARK/WINCHESTER



Street Name:	WINCHESTER BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	305	274	742	386	0	0	0	0	342	0	807
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	305	274	742	386	0	0	0	0	342	0	807
Added Vol:	0	0	2	3	0	0	0	0	0	8	0	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	305	276	745	386	0	0	0	0	350	0	822
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	305	276	745	386	0	0	0	0	350	0	822
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	305	276	745	386	0	0	0	0	350	0	822
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	305	276	745	386	0	0	0	0	350	0	822
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
Final Sat.:	0	3800	1750	3150	3800	0	0	0	0	3150	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.16	0.24	0.10	0.00	0.00	0.00	0.00	0.11	0.00	0.47
Crit Moves:			****	****								****
Green Time:	0.0	17.8	17.8	26.8	44.6	0.0	0.0	0.0	0.0	26.4	0.0	53.2
Volume/Cap:	0.00	0.36	0.71	0.71	0.18	0.00	0.00	0.00	0.00	0.34	0.00	0.71
Delay/Veh:	0.0	27.4	39.0	27.2	8.9	0.0	0.0	0.0	0.0	21.1	0.0	12.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	27.4	39.0	27.2	8.9	0.0	0.0	0.0	0.0	21.1	0.0	12.1
LOS by Move:	A	C	D+	C	A	A	A	A	A	C+	A	B
HCM2kAvgQ:	0	3	8	11	2	0	0	0	0	4	0	15

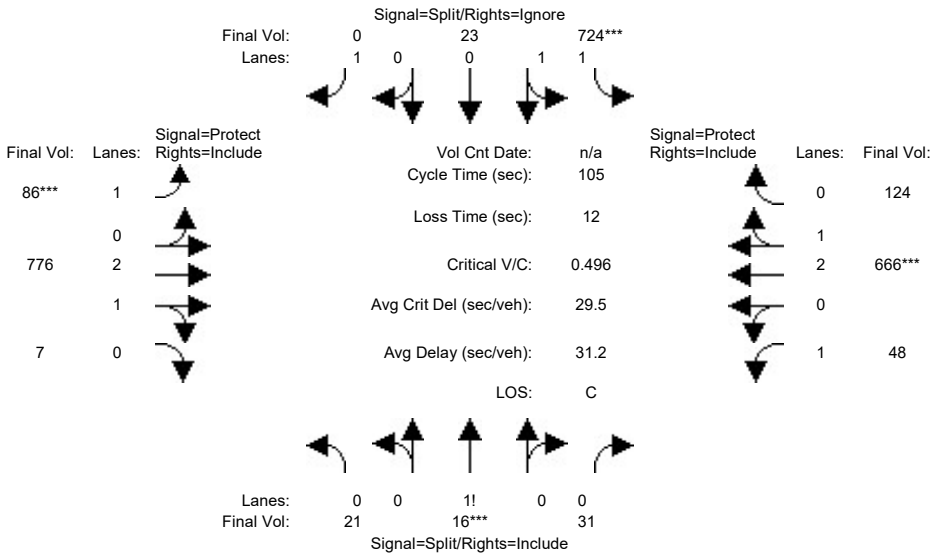
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	21	16	31	697	23	693	86	756	7	48	662	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	16	31	697	23	693	86	756	7	48	662	120
Added Vol:	0	0	0	27	0	0	0	20	0	0	4	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	16	31	724	23	693	86	776	7	48	666	124
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	16	31	724	23	0	86	776	7	48	666	124
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	16	31	724	23	0	86	776	7	48	666	124
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	16	31	724	23	0	86	776	7	48	666	124
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	0.98	0.95	0.92	0.99	0.95
Lanes:	0.31	0.23	0.46	1.94	0.06	1.00	1.00	2.97	0.03	1.00	2.51	0.49
Final Sat.:	540	412	798	3441	109	1750	1750	5550	50	1750	4720	879
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.21	0.21	0.00	0.05	0.14	0.14	0.03	0.14	0.14
Crit Moves:		****		****			****				****	
Green Time:	10.0	10.0	10.0	43.6	43.6	0.0	10.2	26.7	26.7	12.7	29.2	29.2
Volume/Cap:	0.41	0.41	0.41	0.51	0.51	0.00	0.51	0.55	0.55	0.23	0.51	0.51
Delay/Veh:	46.3	46.3	46.3	23.0	23.0	0.0	47.5	34.4	34.4	42.2	32.1	32.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.3	46.3	46.3	23.0	23.0	0.0	47.5	34.4	34.4	42.2	32.1	32.1
LOS by Move:	D	D	D	C	C	A	D	C-	C-	D	C-	C-
HCM2kAvgQ:	3	3	3	10	10	0	3	7	7	1	7	7

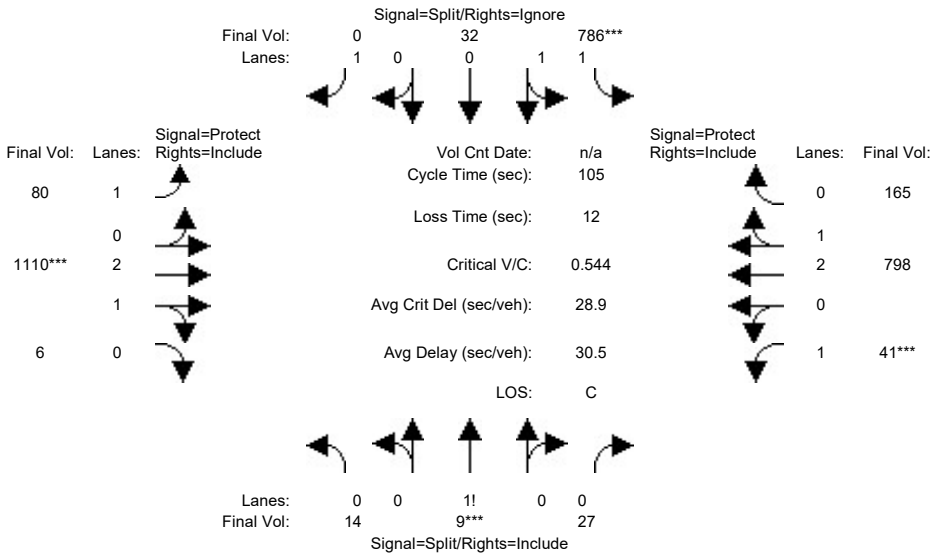
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #18: 17/LARK(S)



Street Name:	SR 17 SB RAMPS/GARDEN HILL DR						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	9	27	781	32	574	80	1105	6	41	775	148
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	9	27	781	32	574	80	1105	6	41	775	148
Added Vol:	0	0	0	5	0	0	0	5	0	0	23	17
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	9	27	786	32	574	80	1110	6	41	798	165
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	9	27	786	32	0	80	1110	6	41	798	165
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	9	27	786	32	0	80	1110	6	41	798	165
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	9	27	786	32	0	80	1110	6	41	798	165
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	0.95	0.92	0.92	0.98	0.95	0.92	0.99	0.95
Lanes:	0.28	0.18	0.54	1.92	0.08	1.00	1.00	2.98	0.02	1.00	2.47	0.53
Final Sat.:	490	315	945	3411	139	1750	1750	5570	30	1750	4639	959
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.23	0.23	0.00	0.05	0.20	0.20	0.02	0.17	0.17
Crit Moves:		****		****				****		****		
Green Time:	10.0	10.0	10.0	40.8	40.8	0.0	11.8	35.2	35.2	7.0	30.4	30.4
Volume/Cap:	0.30	0.30	0.30	0.59	0.59	0.00	0.41	0.59	0.59	0.35	0.59	0.59
Delay/Veh:	45.3	45.3	45.3	26.2	26.2	0.0	44.7	29.5	29.5	48.7	32.6	32.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.3	45.3	45.3	26.2	26.2	0.0	44.7	29.5	29.5	48.7	32.6	32.6
LOS by Move:	D	D	D	C	C	A	D	C	C	D	C-	C-
HCM2kAvgQ:	2	2	2	12	12	0	3	10	10	1	9	9

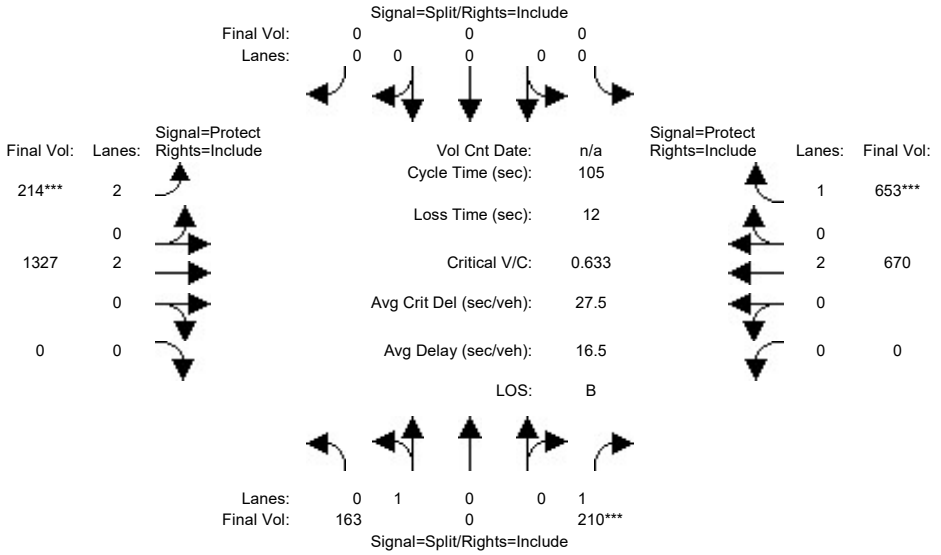
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	163	0	190	0	0	0	214	1280	0	0	662	648
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	163	0	190	0	0	0	214	1280	0	0	662	648
Added Vol:	0	0	20	0	0	0	0	47	0	0	8	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	0	210	0	0	0	214	1327	0	0	670	653
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	0	210	0	0	0	214	1327	0	0	670	653
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	0	210	0	0	0	214	1327	0	0	670	653
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	0	210	0	0	0	214	1327	0	0	670	653
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1800	0	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.12	0.00	0.00	0.00	0.07	0.35	0.00	0.00	0.18	0.37
Crit Moves:			****				****					****
Green Time:	19.9	0.0	19.9	0.0	0.0	0.0	11.3	73.1	0.0	0.0	61.8	61.8
Volume/Cap:	0.48	0.00	0.63	0.00	0.00	0.00	0.63	0.50	0.00	0.00	0.30	0.63
Delay/Veh:	39.0	0.0	43.2	0.0	0.0	0.0	48.8	7.6	0.0	0.0	10.8	15.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.0	0.0	43.2	0.0	0.0	0.0	48.8	7.6	0.0	0.0	10.8	15.4
LOS by Move:	D+	A	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	5	0	8	0	0	0	4	10	0	0	5	15

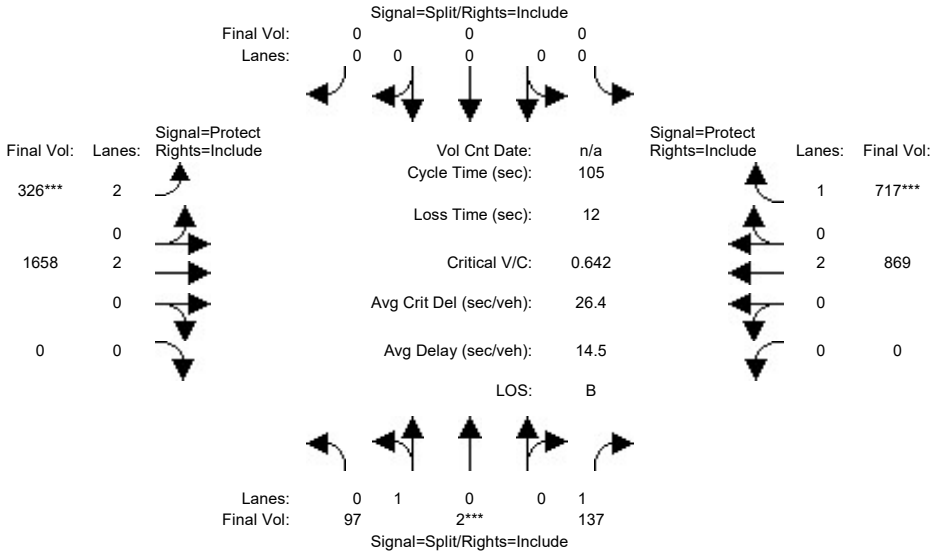
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #19: 17/LARK(N)



Street Name:	SR 17 NB RAMPS						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	97	2	133	0	0	0	326	1648	0	0	829	694
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	97	2	133	0	0	0	326	1648	0	0	829	694
Added Vol:	0	0	4	0	0	0	0	10	0	0	40	23
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	2	137	0	0	0	326	1658	0	0	869	717
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	97	2	137	0	0	0	326	1658	0	0	869	717
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	2	137	0	0	0	326	1658	0	0	869	717
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	97	2	137	0	0	0	326	1658	0	0	869	717
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	0.98	0.02	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	1764	36	1750	0	0	0	3150	3800	0	0	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.08	0.00	0.00	0.00	0.10	0.44	0.00	0.00	0.23	0.41
Crit Moves:		****					****					****
Green Time:	12.8	12.8	12.8	0.0	0.0	0.0	16.2	80.2	0.0	0.0	64.0	64.0
Volume/Cap:	0.45	0.45	0.64	0.00	0.00	0.00	0.67	0.57	0.00	0.00	0.38	0.67
Delay/Veh:	44.3	44.3	50.4	0.0	0.0	0.0	45.6	5.5	0.0	0.0	10.5	15.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.3	44.3	50.4	0.0	0.0	0.0	45.6	5.5	0.0	0.0	10.5	15.2
LOS by Move:	D	D	D	A	A	A	D	A	A	A	B+	B
HCM2kAvgQ:	4	4	6	0	0	0	6	11	0	0	7	16

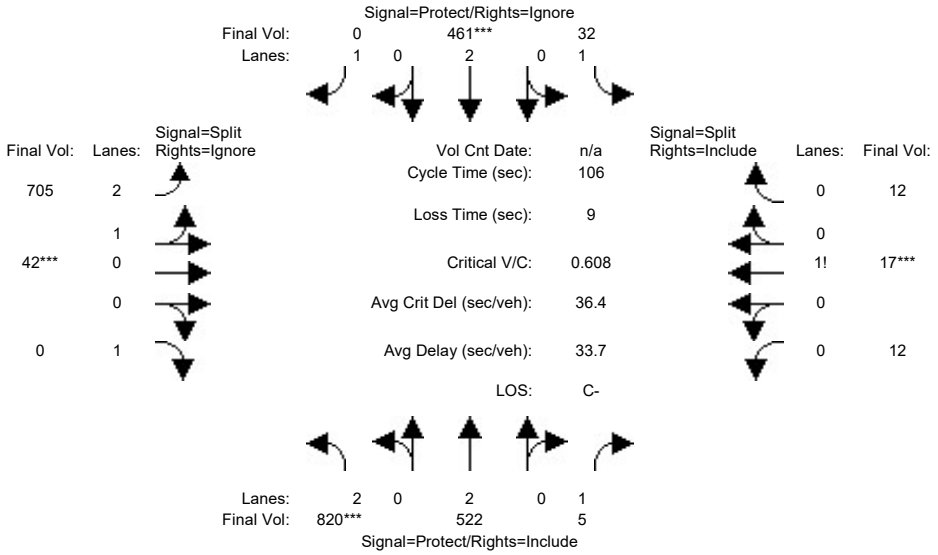
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	820	506	5	32	458	400	638	42	754	12	17	12
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	820	506	5	32	458	400	638	42	754	12	17	12
Added Vol:	0	16	0	0	3	13	67	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	820	522	5	32	461	413	705	42	754	12	17	12
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	820	522	5	32	461	0	705	42	0	12	17	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	820	522	5	32	461	0	705	42	0	12	17	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	820	522	5	32	461	0	705	42	0	12	17	12
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.86	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	2.85	0.15	1.00	0.29	0.42	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	4670	278	1750	512	726	512
Capacity Analysis Module:												
Vol/Sat:	0.26	0.14	0.00	0.02	0.12	0.00	0.15	0.15	0.00	0.02	0.02	0.02
Crit Moves:	****				****			****			****	
Green Time:	42.5	42.1	42.1	20.2	19.8	0.0	24.7	24.7	0.0	10.0	10.0	10.0
Volume/Cap:	0.65	0.35	0.01	0.10	0.65	0.00	0.65	0.65	0.00	0.25	0.25	0.25
Delay/Veh:	28.3	23.0	19.3	35.9	44.4	0.0	39.6	39.6	0.0	48.1	48.1	48.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	28.3	23.0	19.3	35.9	44.4	0.0	39.6	39.6	0.0	48.1	48.1	48.1
LOS by Move:	C	C+	B-	D+	D	A	D	D	A	D	D	D
HCM2kAvgQ:	13	6	0	1	7	0	9	9	0	2	2	2

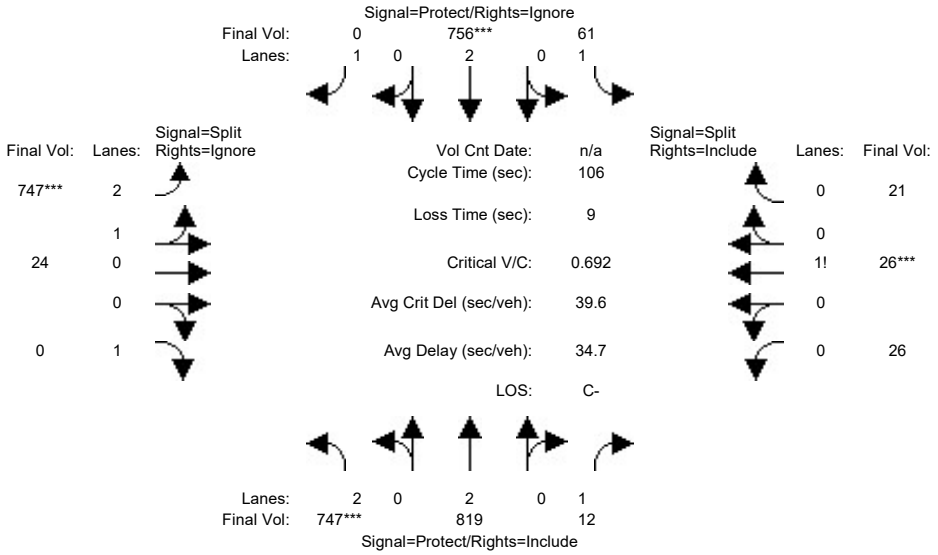
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #20: LOS GATOS/LARK



Street Name:	LOST GATOS BLVD						LARK AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	747	814	12	61	735	760	733	24	1000	26	26	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	747	814	12	61	735	760	733	24	1000	26	26	21
Added Vol:	0	5	0	0	21	63	14	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	747	819	12	61	756	823	747	24	1000	26	26	21
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	747	819	12	61	756	0	747	24	0	26	26	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	747	819	12	61	756	0	747	24	0	26	26	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	747	819	12	61	756	0	747	24	0	26	26	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.87	0.95	0.92	0.92	0.92	0.92
Lanes:	2.00	2.00	1.00	1.00	2.00	1.00	2.91	0.09	1.00	0.36	0.35	0.29
Final Sat.:	3150	3800	1750	1750	3800	1750	4795	154	1750	623	623	503
Capacity Analysis Module:												
Vol/Sat:	0.24	0.22	0.01	0.03	0.20	0.00	0.16	0.16	0.00	0.04	0.04	0.04
Crit Moves:	****				****		****				****	
Green Time:	34.9	49.1	49.1	15.0	29.2	0.0	22.9	22.9	0.0	10.0	10.0	10.0
Volume/Cap:	0.72	0.47	0.01	0.25	0.72	0.00	0.72	0.72	0.00	0.44	0.44	0.44
Delay/Veh:	35.6	20.4	15.4	42.8	39.0	0.0	42.8	42.8	0.0	53.7	53.7	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.6	20.4	15.4	42.8	39.0	0.0	42.8	42.8	0.0	53.7	53.7	53.7
LOS by Move:	D+	C+	B	D	D+	A	D	D	A	D-	D-	D-
HCM2kAvgQ:	14	9	0	2	11	0	9	9	0	3	3	3

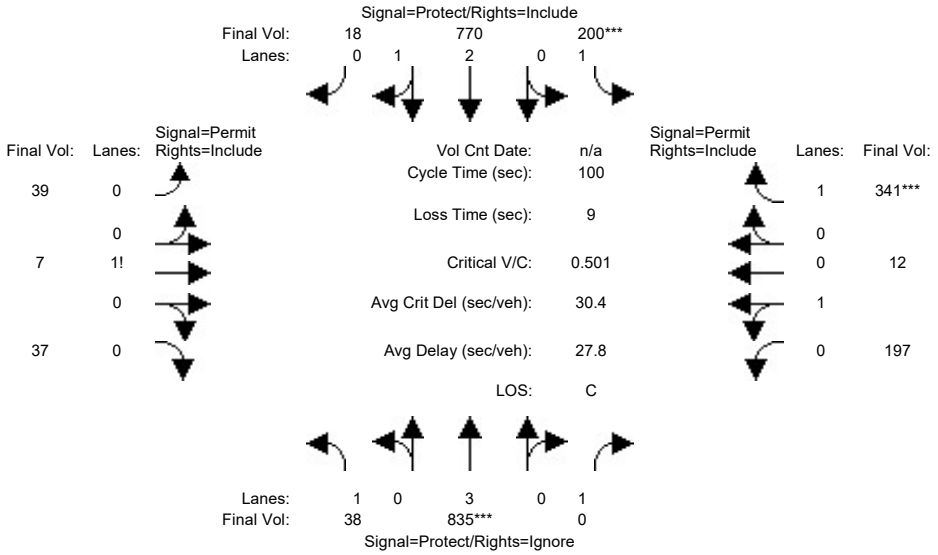
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	38	819	116	200	767	18	39	7	37	197	12	341
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	819	116	200	767	18	39	7	37	197	12	341
Added Vol:	0	16	0	0	3	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	835	116	200	770	18	39	7	37	197	12	341
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	835	0	200	770	18	39	7	37	197	12	341
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	835	0	200	770	18	39	7	37	197	12	341
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	835	0	200	770	18	39	7	37	197	12	341
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.93	0.07	0.47	0.08	0.45	0.94	0.06	1.00
Final Sat.:	1750	5700	1750	1750	5472	128	822	148	780	1697	103	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.15	0.00	0.11	0.14	0.14	0.05	0.05	0.05	0.12	0.12	0.19
Crit Moves:		****		****								****
Green Time:	17.3	29.3	0.0	22.8	34.8	34.8	38.9	38.9	38.9	38.9	38.9	38.9
Volume/Cap:	0.13	0.50	0.00	0.50	0.40	0.40	0.12	0.12	0.12	0.30	0.30	0.50
Delay/Veh:	35.8	30.4	0.0	38.1	25.4	25.4	20.0	20.0	20.0	22.2	22.2	25.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.8	30.4	0.0	38.1	25.4	25.4	20.0	20.0	20.0	22.2	22.2	25.8
LOS by Move:	D+	C	A	D+	C	C	B-	B-	B-	C+	C+	C
HCM2kAvgQ:	1	7	0	6	6	6	2	2	2	5	5	9

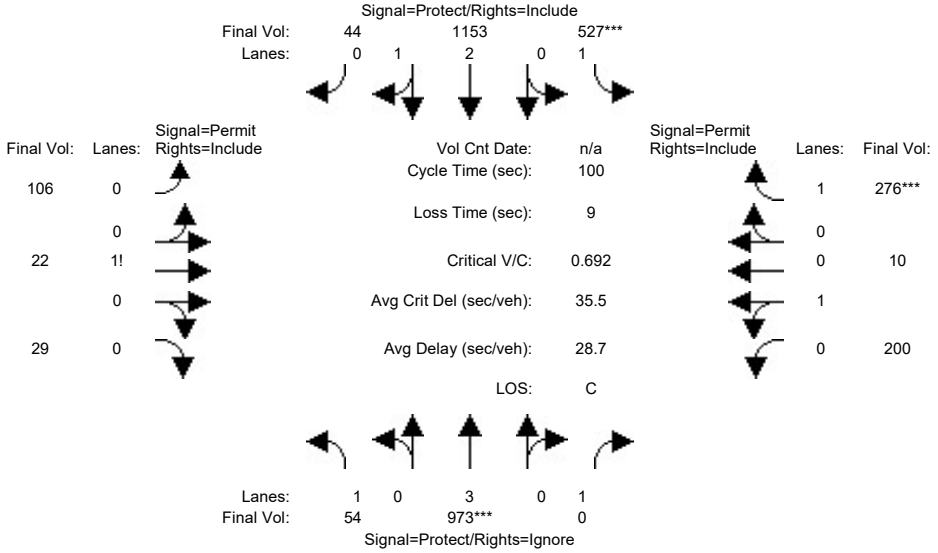
Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #21: LOS GATOS/LOS GATOS-ALMADEN



Street Name:	LOST GATOS BLVD						LOS GATOS-ALMADEN RD/CHIRCO DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	54	968	261	527	1132	44	106	22	29	200	10	276
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	968	261	527	1132	44	106	22	29	200	10	276
Added Vol:	0	5	0	0	21	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	973	261	527	1153	44	106	22	29	200	10	276
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	973	0	527	1153	44	106	22	29	200	10	276
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	973	0	527	1153	44	106	22	29	200	10	276
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	973	0	527	1153	44	106	22	29	200	10	276
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.95	0.95	0.92
Lanes:	1.00	3.00	1.00	1.00	2.89	0.11	0.68	0.14	0.18	0.95	0.05	1.00
Final Sat.:	1750	5700	1750	1750	5394	206	1182	245	323	1714	86	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.17	0.00	0.30	0.21	0.21	0.09	0.09	0.09	0.12	0.12	0.16
Crit Moves:		****		****								****
Green Time:	16.8	24.7	0.0	43.5	51.4	51.4	22.8	22.8	22.8	22.8	22.8	22.8
Volume/Cap:	0.18	0.69	0.00	0.69	0.42	0.42	0.39	0.39	0.39	0.51	0.51	0.69
Delay/Veh:	37.1	37.0	0.0	27.9	15.5	15.5	35.6	35.6	35.6	38.2	38.2	44.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.1	37.0	0.0	27.9	15.5	15.5	35.6	35.6	35.6	38.2	38.2	44.9
LOS by Move:	D+	D+	A	C	B	B	D+	D+	D+	D+	D+	D
HCM2kAvgQ:	2	10	0	15	8	8	5	5	5	6	6	9

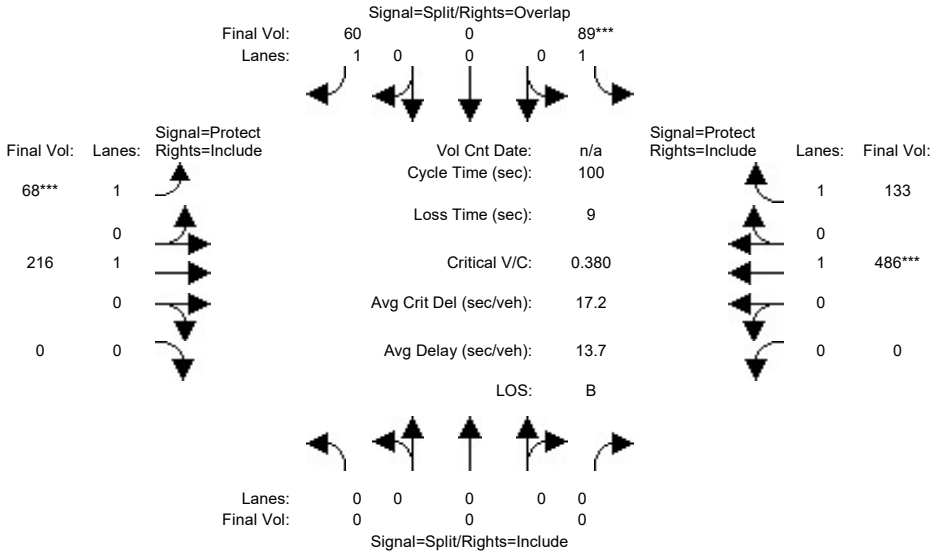
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	89	0	60	68	216	0	0	486	133
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	89	0	60	68	216	0	0	486	133
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	89	0	60	68	216	0	0	486	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	89	0	60	68	216	0	0	486	133
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	89	0	60	68	216	0	0	486	133
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	89	0	60	68	216	0	0	486	133
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.11	0.00	0.00	0.26	0.08
Crit Moves:				****			****				****	
Green Time:	0.0	0.0	0.0	13.4	0.0	23.6	10.2	77.6	0.0	0.0	67.4	67.4
Volume/Cap:	0.00	0.00	0.00	0.38	0.00	0.15	0.38	0.15	0.00	0.00	0.38	0.11
Delay/Veh:	0.0	0.0	0.0	44.1	0.0	30.9	47.9	3.0	0.0	0.0	8.0	6.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	44.1	0.0	30.9	47.9	3.0	0.0	0.0	8.0	6.0
LOS by Move:	A	A	A	D	A	C	D	A	A	A	A	A
HCM2kAvgQ:	0	0	0	3	0	2	2	2	0	0	7	2

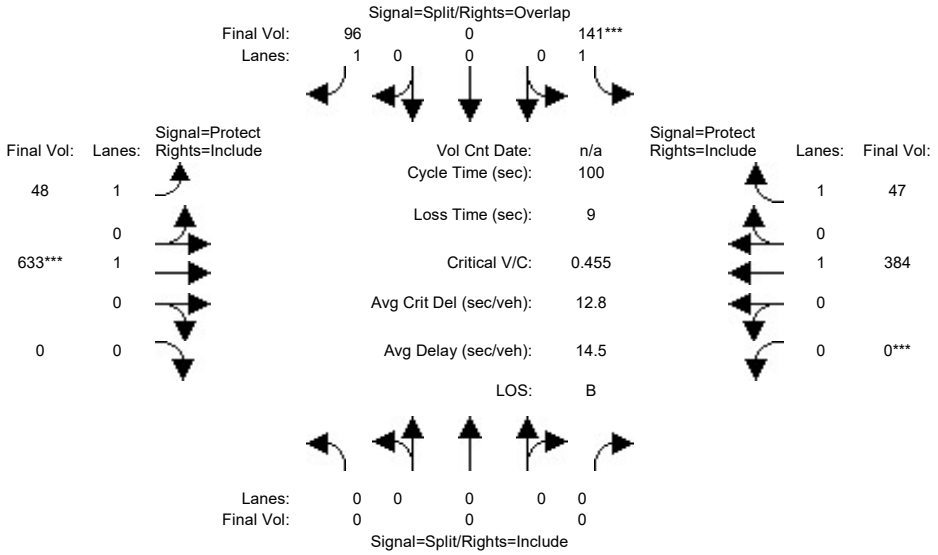
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #22: LOS GATOS-ALMADEN/NATIONAL



Street Name:	NATIONAL AVE						LOST GATOS-ALMADEN RD					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	0	141	0	96	48	633	0	0	384	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	141	0	96	48	633	0	0	384	47
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	141	0	96	48	633	0	0	384	47
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	141	0	96	48	633	0	0	384	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	141	0	96	48	633	0	0	384	47
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	141	0	96	48	633	0	0	384	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1750	0	1750	1750	1900	0	0	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.08	0.00	0.05	0.03	0.33	0.00	0.00	0.20	0.03
Crit Moves:				****				****		****		
Green Time:	0.0	0.0	0.0	17.7	0.0	36.6	18.9	73.3	0.0	0.0	54.4	54.4
Volume/Cap:	0.00	0.00	0.00	0.45	0.00	0.15	0.15	0.45	0.00	0.00	0.37	0.05
Delay/Veh:	0.0	0.0	0.0	41.6	0.0	21.8	34.8	6.4	0.0	0.0	14.0	10.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	41.6	0.0	21.8	34.8	6.4	0.0	0.0	14.0	10.8
LOS by Move:	A	A	A	D	A	C+	C-	A	A	A	B	B+
HCM2kAvgQ:	0	0	0	5	0	2	1	8	0	0	7	1

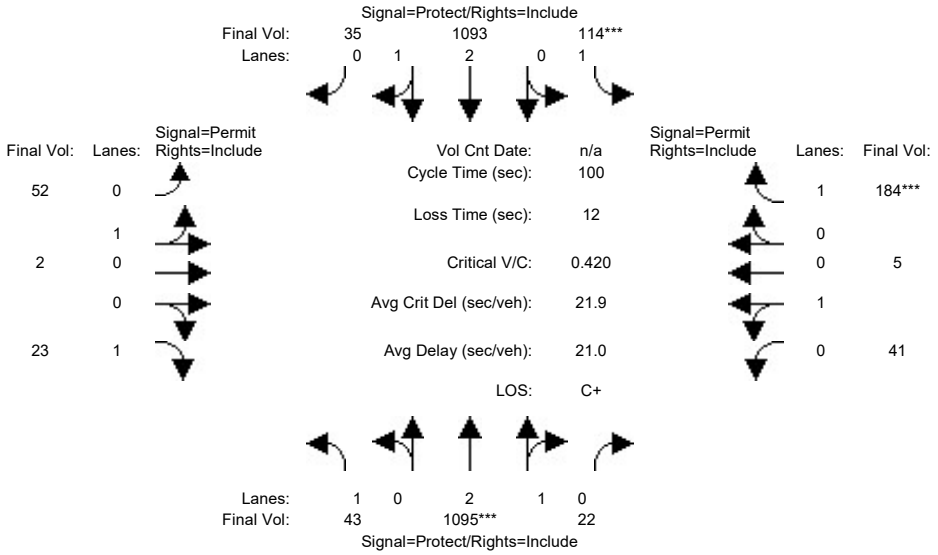
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	43	1079	22	114	1090	35	52	2	23	41	5	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	1079	22	114	1090	35	52	2	23	41	5	184
Added Vol:	0	16	0	0	3	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	1095	22	114	1093	35	52	2	23	41	5	184
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	1095	22	114	1093	35	52	2	23	41	5	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	1095	22	114	1093	35	52	2	23	41	5	184
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	1095	22	114	1093	35	52	2	23	41	5	184
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.94	0.06	1.00	2.90	0.10	0.96	0.04	1.00	0.89	0.11	1.00
Final Sat.:	1750	5490	110	1750	5426	174	1733	67	1750	1604	196	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.20	0.20	0.07	0.20	0.20	0.03	0.03	0.01	0.03	0.03	0.11
Crit Moves:		****		****								****
Green Time:	16.2	47.5	47.5	15.5	46.7	46.7	25.0	25.0	25.0	25.0	25.0	25.0
Volume/Cap:	0.15	0.42	0.42	0.42	0.43	0.43	0.12	0.12	0.05	0.10	0.10	0.42
Delay/Veh:	37.1	17.7	17.7	42.9	18.3	18.3	29.5	29.5	28.7	29.3	29.3	34.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.1	17.7	17.7	42.9	18.3	18.3	29.5	29.5	28.7	29.3	29.3	34.4
LOS by Move:	D+	B	B	D	B-	B-	C	C	C	C	C	C-
HCM2kAvgQ:	1	8	8	3	8	8	1	1	1	1	1	5

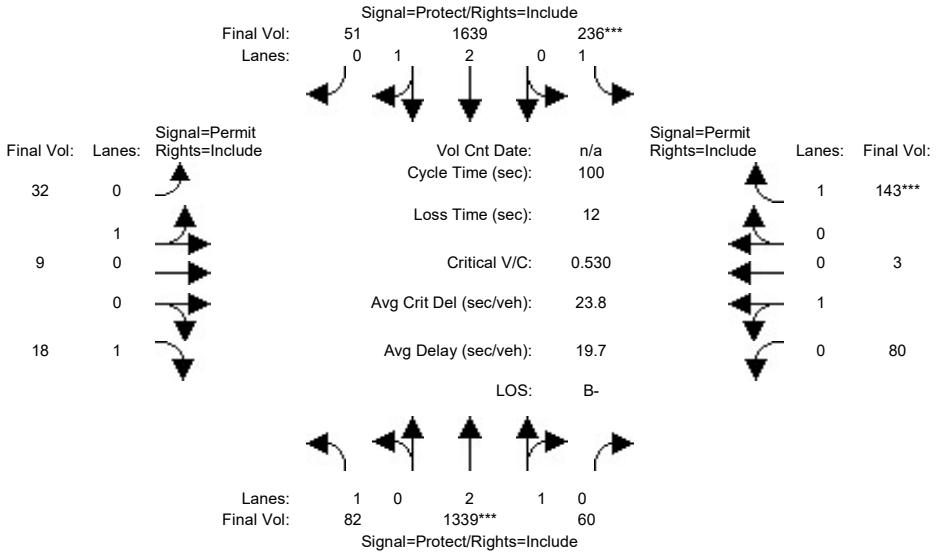
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #23: LOS GATOS/GATEWAY



Street Name:	LOS GATOS BLVD						GARDEN LN / GATEWAY DR					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	82	1334	60	236	1618	51	32	9	18	80	3	143
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	82	1334	60	236	1618	51	32	9	18	80	3	143
Added Vol:	0	5	0	0	21	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	1339	60	236	1639	51	32	9	18	80	3	143
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	82	1339	60	236	1639	51	32	9	18	80	3	143
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	1339	60	236	1639	51	32	9	18	80	3	143
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	82	1339	60	236	1639	51	32	9	18	80	3	143
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.87	0.13	1.00	2.91	0.09	0.78	0.22	1.00	0.96	0.04	1.00
Final Sat.:	1750	5360	240	1750	5431	169	1405	395	1750	1735	65	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.25	0.25	0.13	0.30	0.30	0.02	0.02	0.01	0.05	0.05	0.08
Crit Moves:		****		****								****
Green Time:	13.7	47.1	47.1	25.4	58.9	58.9	15.4	15.4	15.4	15.4	15.4	15.4
Volume/Cap:	0.34	0.53	0.53	0.53	0.51	0.51	0.15	0.15	0.07	0.30	0.30	0.53
Delay/Veh:	43.0	19.4	19.4	36.6	12.7	12.7	37.7	37.7	36.6	40.2	40.2	46.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.0	19.4	19.4	36.6	12.7	12.7	37.7	37.7	36.6	40.2	40.2	46.2
LOS by Move:	D	B-	B-	D+	B	B	D+	D+	D+	D	D	D
HCM2kAvgQ:	2	10	10	7	10	10	1	1	1	3	3	5

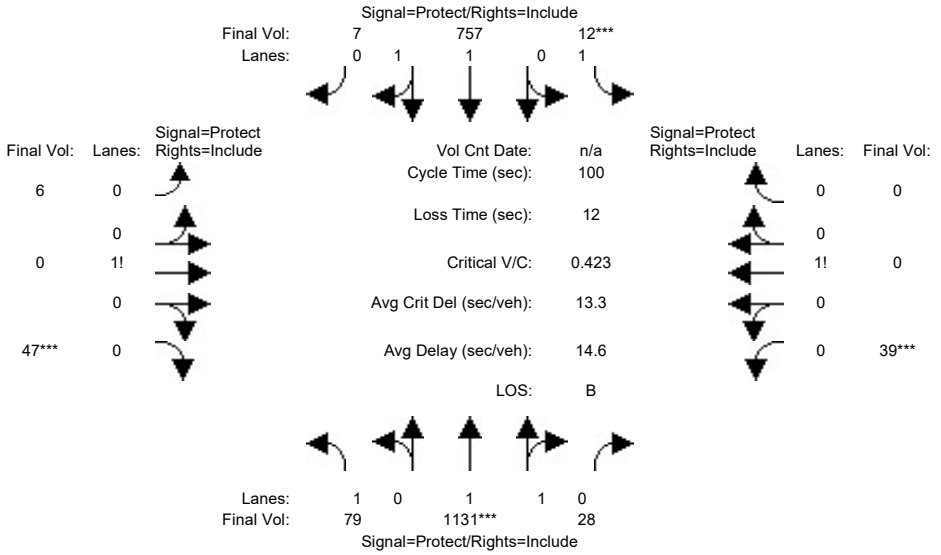
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	79	1047	28	12	741	7	6	0	47	39	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	79	1047	28	12	741	7	6	0	47	39	0	0
Added Vol:	0	84	0	0	16	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	1131	28	12	757	7	6	0	47	39	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	79	1131	28	12	757	7	6	0	47	39	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	79	1131	28	12	757	7	6	0	47	39	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	79	1131	28	12	757	7	6	0	47	39	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.92
Lanes:	1.00	1.95	0.05	1.00	1.98	0.02	0.11	0.00	0.89	1.00	0.00	0.00
Final Sat.:	1750	3611	89	1750	3666	34	198	0	1552	1750	0	0
Capacity Analysis Module:												
Vol/Sat:	0.05	0.31	0.31	0.01	0.21	0.21	0.03	0.00	0.03	0.02	0.00	0.00
Crit Moves:		****		****					****	****		
Green Time:	18.0	64.0	64.0	7.0	53.0	53.0	17.0	0.0	10.0	7.0	0.0	0.0
Volume/Cap:	0.25	0.49	0.49	0.10	0.39	0.39	0.18	0.00	0.30	0.32	0.00	0.00
Delay/Veh:	37.1	10.2	10.2	45.1	14.5	14.5	36.8	0.0	46.2	50.9	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.1	10.2	10.2	45.1	14.5	14.5	36.8	0.0	46.2	50.9	0.0	0.0
LOS by Move:	D+	B+	B+	D	B	B	D+	A	D	D	A	A
HCM2kAvgQ:	2	10	10	0	7	7	2	0	2	2	0	0

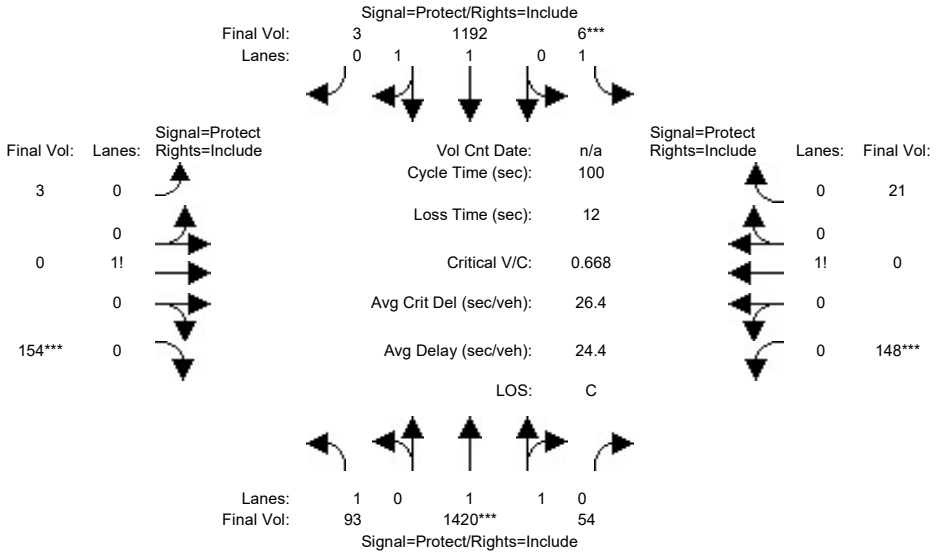
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #24: LOS GATOS/WALKER ST



Street Name:	LOS GATOS BLVD						WALKER ST					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	93	1401	54	6	1108	3	3	0	154	148	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	93	1401	54	6	1108	3	3	0	154	148	0	21
Added Vol:	0	19	0	0	84	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	93	1420	54	6	1192	3	3	0	154	148	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	93	1420	54	6	1192	3	3	0	154	148	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	93	1420	54	6	1192	3	3	0	154	148	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	93	1420	54	6	1192	3	3	0	154	148	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.92	0.08	1.00	1.99	0.01	0.02	0.00	0.98	0.88	0.00	0.12
Final Sat.:	1750	3564	136	1750	3691	9	33	0	1717	1533	0	217
Capacity Analysis Module:												
Vol/Sat:	0.05	0.40	0.40	0.00	0.32	0.32	0.09	0.00	0.09	0.10	0.00	0.10
Crit Moves:		****		****					****	****		
Green Time:	11.1	55.2	55.2	7.0	51.1	51.1	12.4	0.0	12.4	13.4	0.0	13.4
Volume/Cap:	0.48	0.72	0.72	0.05	0.63	0.63	0.72	0.00	0.72	0.72	0.00	0.72
Delay/Veh:	50.0	18.9	18.9	44.1	19.3	19.3	60.8	0.0	60.8	59.0	0.0	59.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	50.0	18.9	18.9	44.1	19.3	19.3	60.8	0.0	60.8	59.0	0.0	59.0
LOS by Move:	D	B-	B-	D	B-	B-	E	A	E	E+	A	E+
HCM2kAvgQ:	3	18	18	0	13	13	7	0	7	7	0	7

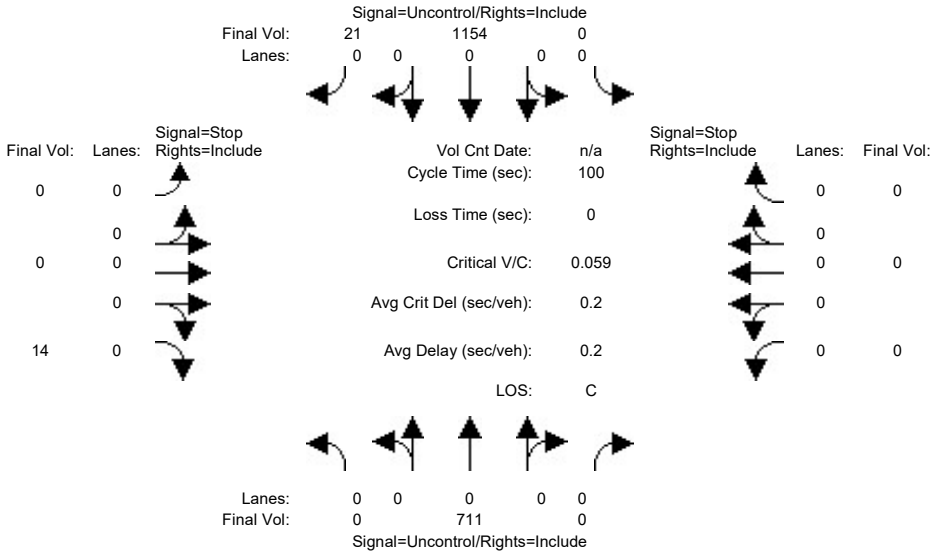
Note: Queue reported is the number of cars per lane.

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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	697	0	0	1085	21	0	0	14	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	697	0	0	1085	21	0	0	14	0	0	0
Added Vol:	0	14	0	0	69	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	711	0	0	1154	21	0	0	14	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	711	0	0	1154	21	0	0	14	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	711	0	0	1154	21	0	0	14	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.2	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	1165	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	239	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	239	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.06	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.2	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	21.0	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	C	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			21.0			xxxxxx		
ApproachLOS:	*			*			C			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 1	0	0	0 0 0	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 711		0	0 1154		21	0	0	14	0	0	0
ApproachDel:	xxxxxx			xxxxxx			21.0			xxxxxx		

Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1900]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

Intersection #25 BASCOM/EAST-MOZART

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 1	0	0	0 0 0	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 711		0	0 1154		21	0	0	14	0	0	0

Major Street Volume: 1886
Minor Approach Volume: 14
Minor Approach Volume Threshold: 50 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

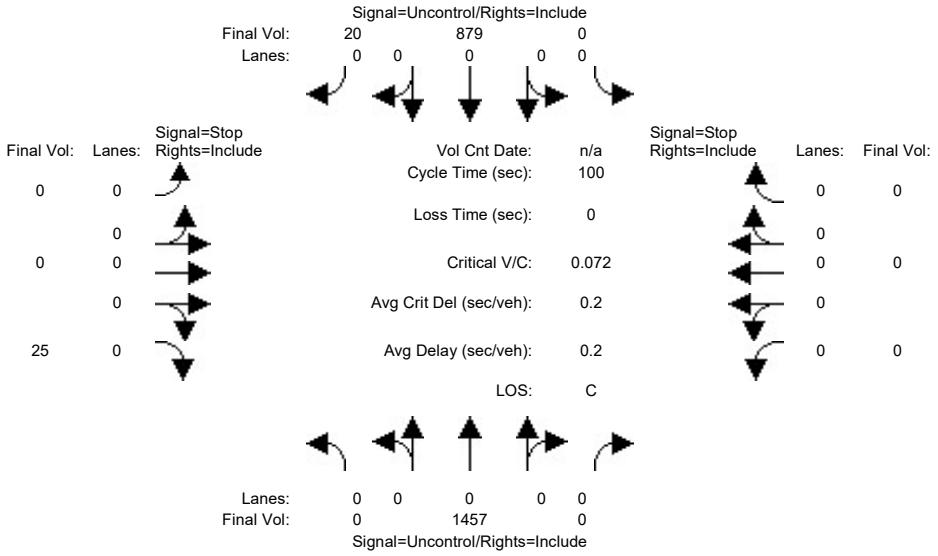
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #25: BASCOM/EAST-MOZART



Street Name:	BASCOM						MOZART					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	1369	0	0	859	20	0	0	25	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1369	0	0	859	20	0	0	25	0	0	0
Added Vol:	0	88	0	0	20	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1457	0	0	879	20	0	0	25	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1457	0	0	879	20	0	0	25	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	1457	0	0	879	20	0	0	25	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.2	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	889	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	345	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	345	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.07	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.2	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	16.2	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	C	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			16.2			xxxxxx		
ApproachLOS:	*			*			C			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #25 BASCOM/EAST-MOZART

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 1	0	0	0 0 0	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 1457		0	0 879		20	0	0	25	0	0	0
ApproachDel:	xxxxxx			xxxxxx			16.2			xxxxxx		

Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=25]
FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2381]
SUCCEED - Total volume greater than or equal to 650 for intersection with less than four approaches.

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #25 BASCOM/EAST-MOZART

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Lanes:	0 0 1	0	0	0 0 0	1	0	0 0 0	0	1	0 0 0	0	0
Initial Vol:	0 1457		0	0 879		20	0	0	25	0	0	0

Major Street Volume: 2356
Minor Approach Volume: 25
Minor Approach Volume Threshold: -9 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

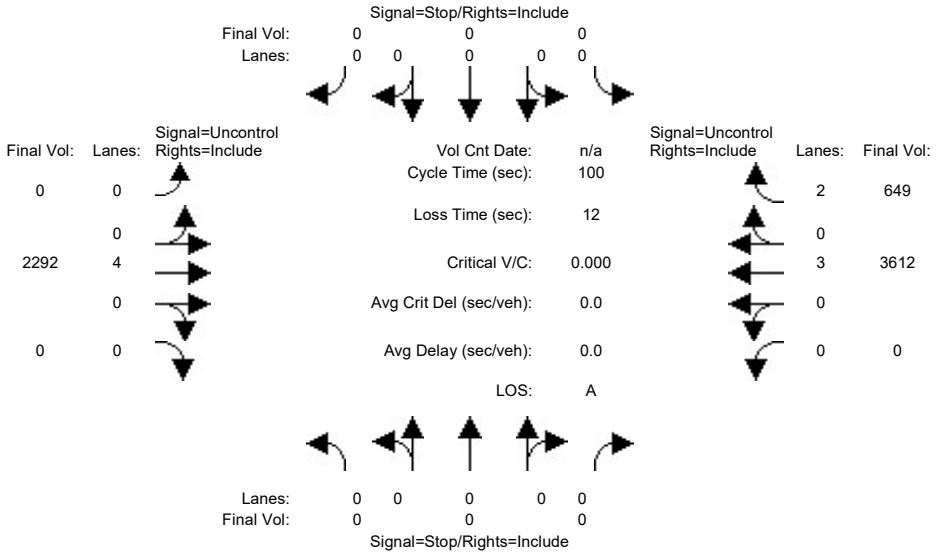
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - AM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	2252	0	0	3607	646
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	2252	0	0	3607	646
Added Vol:	0	0	0	0	0	0	0	40	0	0	5	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	2292	0	0	3612	649
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	0	0	0	0	2292	0	0	3612	649
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	0	2292	0	0	3612	649
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #2500 17/CAMDEN(N)

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	2292	0	0	3612	649
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

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Peak Hour Volume Signal Warrant Report [Urban]

****

Intersection #2500 17/CAMDEN(N)

****

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	2292	0	0	3612	649

Major Street Volume: 6553
Minor Approach Volume: 0
Minor Approach Volume Threshold: -363 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

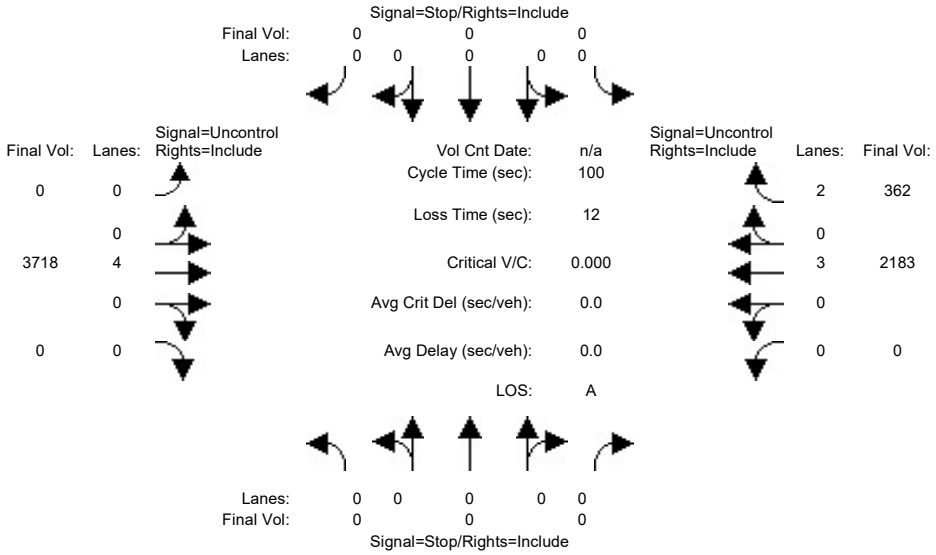
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GOOD SAMARITAN HOSPITAL

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Cumulative+Project (419+MOB) Conditions - PM

Intersection #2500: 17/CAMDEN(N)



Street Name:	SR 17 NB RAMPS						CAMDEN AVE					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	3708	0	0	2151	348
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	3708	0	0	2151	348
Added Vol:	0	0	0	0	0	0	0	10	0	0	32	14
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	3718	0	0	2183	362
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	0	0	0	0	3718	0	0	2183	362
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	0	3718	0	0	2183	362
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #2500 17/CAMDEN(N)

****

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Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	3718	0	0	2183	362
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

Peak Hour Volume Signal Warrant Report [Urban]

Intersection #2500 17/CAMDEN(N)

Future Volume Alternative: Peak Hour Warrant NOT Met

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Stop Sign			Stop Sign			Uncontrolled			Uncontrolled		
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 4 0 0			0 0 3 0 2		
Initial Vol:	0	0	0	0	0	0	0	3718	0	0	2183	362

Major Street Volume: 6263
Minor Approach Volume: 0
Minor Approach Volume Threshold: -347 [less than minimum of 100]

SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an "indicator" of the likelihood of an unsignalized intersection warranting a traffic signal in the future. Intersections that exceed this warrant are probably more likely to meet one or more of the other volume based signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace a rigorous and complete traffic signal warrant analysis by the responsible jurisdiction. Consideration of the other signal warrants, which is beyond the scope of this software, may yield different results.

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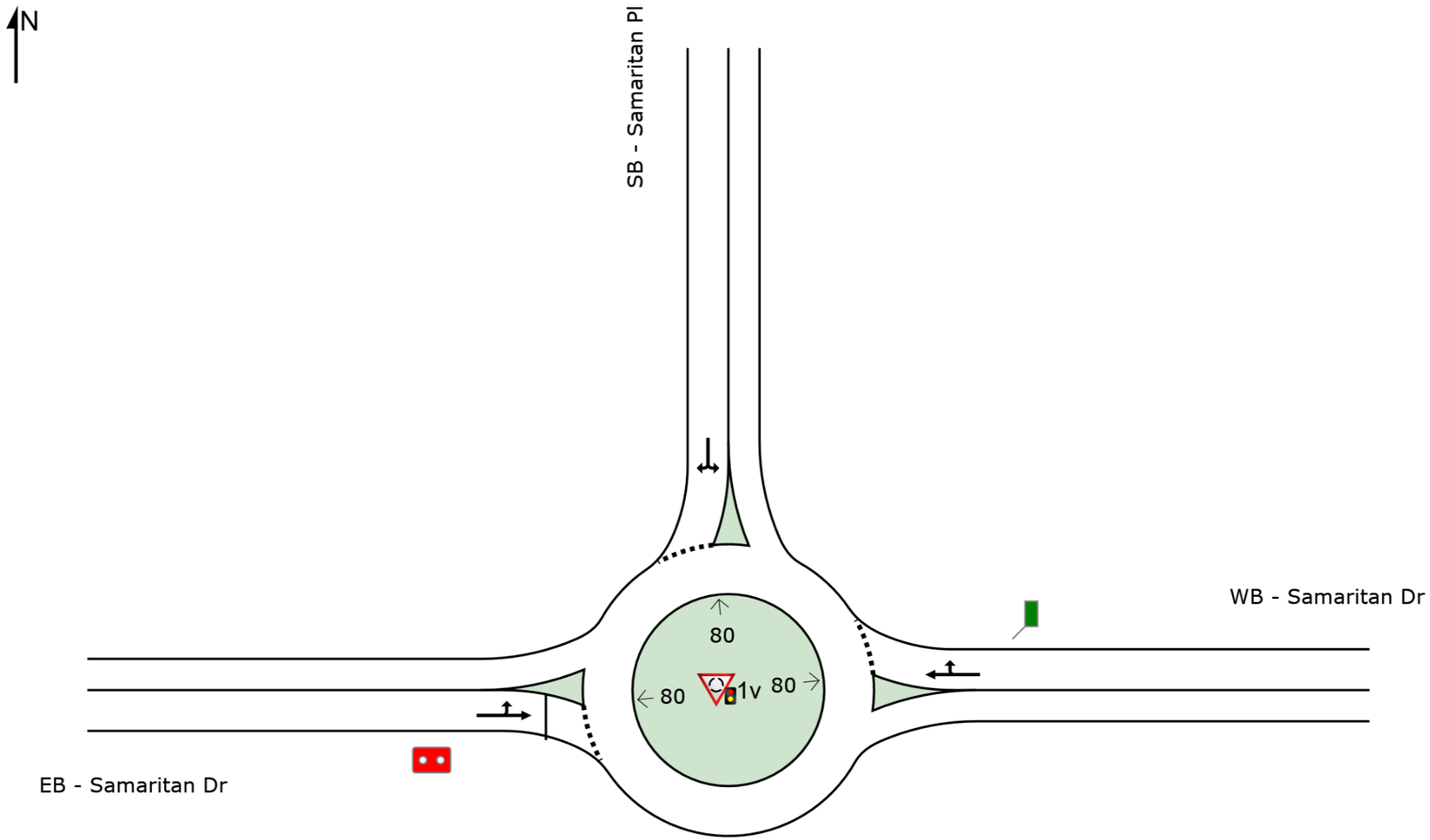
Appendix J – SIDRA Analysis – Cumulative Plus Project (Phase 3) Conditions - Roundabout

SITE LAYOUT

Site: 1v [INT-1_EX-PP_AM_Alt00_Metered_01_EF_1.0 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout Metering

Layout pictures are schematic functional drawings reflecting input data. They are not design drawings.



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MOVEMENT SUMMARY

Site: 1 [INT-1_CUM-PP_AM_Alt00 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
East: WB - Samaritan Dr														
6	T1	1023	2.0	1112	2.0	0.841	19.0	LOS C	17.0	432.0	0.30	0.07	0.30	30.9
16	R2	13	2.0	14	2.0	0.841	19.0	LOS C	17.0	432.0	0.30	0.07	0.30	28.7
Approach		1036	2.0	1126	2.0	0.841	19.0	LOS C	17.0	432.0	0.30	0.07	0.30	30.9
North: SB - Samaritan Pl														
7	L2	6	2.0	7	2.0	0.087	9.7	LOS A	0.3	7.8	0.70	0.70	0.70	32.5
14	R2	28	2.0	30	2.0	0.087	9.7	LOS A	0.3	7.8	0.70	0.70	0.70	27.6
Approach		34	2.0	37	2.0	0.087	9.7	LOS A	0.3	7.8	0.70	0.70	0.70	28.8
West: EB - Samaritan Dr														
5	L2	10	2.0	11	2.0	0.167	4.0	LOS A	0.8	20.8	0.05	0.01	0.05	32.7
2	T1	196	2.0	213	2.0	0.167	4.0	LOS A	0.8	20.8	0.05	0.01	0.05	36.3
Approach		206	2.0	224	2.0	0.167	4.0	LOS A	0.8	20.8	0.05	0.01	0.05	36.2
All Vehicles		1276	2.0	1387	2.0	0.841	16.4	LOS C	17.0	432.0	0.27	0.08	0.27	31.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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QUEUE ANALYSIS

Site: 1 [INT-1_CUM-PP_AM_Alt00 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Lane Queues (Distance)

Lane Number	Contin. Lane	Deg. Satn v/c	Prog. Factor (Queue)	Overflow Queue (ft)	Back of Queue (ft) Av.	Back of Queue (ft) 95%	Queue at Start of Green (ft) Av.	Queue at Start of Green (ft) 95%	Cycle Average Queue (ft) Av.	Cycle Average Queue (ft) 95%	Queue Storage Ratio Av.	Queue Storage Ratio 95%	Prob. Block. %	Prob. SL Ov. %	Ov. Lane No.
East: WB - Samaritan Dr															
Lane 1		0.841	1.000	0.0	173.8	432.0	NA	NA	151.3	274.4	0.06	0.15	0.0	NA	NA
Approach		0.841			173.8	432.0	NA	NA	151.3	274.4	0.06	0.15			
North: SB - Samaritan Pl															
Lane 1		0.087	1.000	0.0	3.1	7.8	NA	NA	2.5	4.6	0.01	0.01	0.0	NA	NA
Approach		0.087			3.1	7.8	NA	NA	2.5	4.6	0.01	0.01			
West: EB - Samaritan Dr															
Lane 1		0.167	1.000	0.0	8.4	20.8	NA	NA	6.4	11.6	0.01	0.01	0.0	NA	NA
Approach		0.167			8.4	20.8	NA	NA	6.4	11.6	0.01	0.01			
Intersection		0.841			173.8	432.0	NA	NA	151.3	274.4	0.06	0.15			

Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.

Lane Queues (Vehicles)

Lane Number	Contin. Lane	Deg. Satn v/c	Prog. Factor (Queue)	Overflow Queue (veh)	Back of Queue (veh) Av.	Back of Queue (veh) 95%	Queue at Start of Green (veh) Av.	Queue at Start of Green (veh) 95%	Cycle Average Queue (veh) Av.	Cycle Average Queue (veh) 95%	Queue Storage Ratio Av.	Queue Storage Ratio 95%	Prob. Block. %	Prob. SL Ov. %	Ov. Lane No.
East: WB - Samaritan Dr															
Lane 1		0.841	1.000	0.0	6.8	17.0	NA	NA	6.0	10.8	0.06	0.15	0.0	NA	NA
Approach		0.841			6.8	17.0	NA	NA	6.0	10.8	0.06	0.15			
North: SB - Samaritan Pl															
Lane 1		0.087	1.000	0.0	0.1	0.3	NA	NA	0.1	0.2	0.01	0.01	0.0	NA	NA
Approach		0.087			0.1	0.3	NA	NA	0.1	0.2	0.01	0.01			
West: EB - Samaritan Dr															
Lane 1		0.167	1.000	0.0	0.3	0.8	NA	NA	0.3	0.5	0.01	0.01	0.0	NA	NA
Approach		0.167			0.3	0.8	NA	NA	0.3	0.5	0.01	0.01			
Intersection		0.841			6.8	17.0	NA	NA	6.0	10.8	0.06	0.15			

Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.

Continuous Lane Performance

Lane Number	Deg. Satn v/c	Unint. Speed mph	Unint. Travel Delay sec	Hdwy sec	Spacing ft	Aver. Vehicle Length ft	Occup. Time sec	Space Time sec	Space Occup. Ratio %	Time Occup. Ratio %	Density veh/mi	Density pc/mi	LOS (Density Method)

East: WB - Samaritan Dr
This approach does not have any continuous lanes
North: SB - Samaritan Pl
This approach does not have any continuous lanes
West: EB - Samaritan Dr
This approach does not have any continuous lanes

Midblock Effective Detection Zone Length = 7 ft

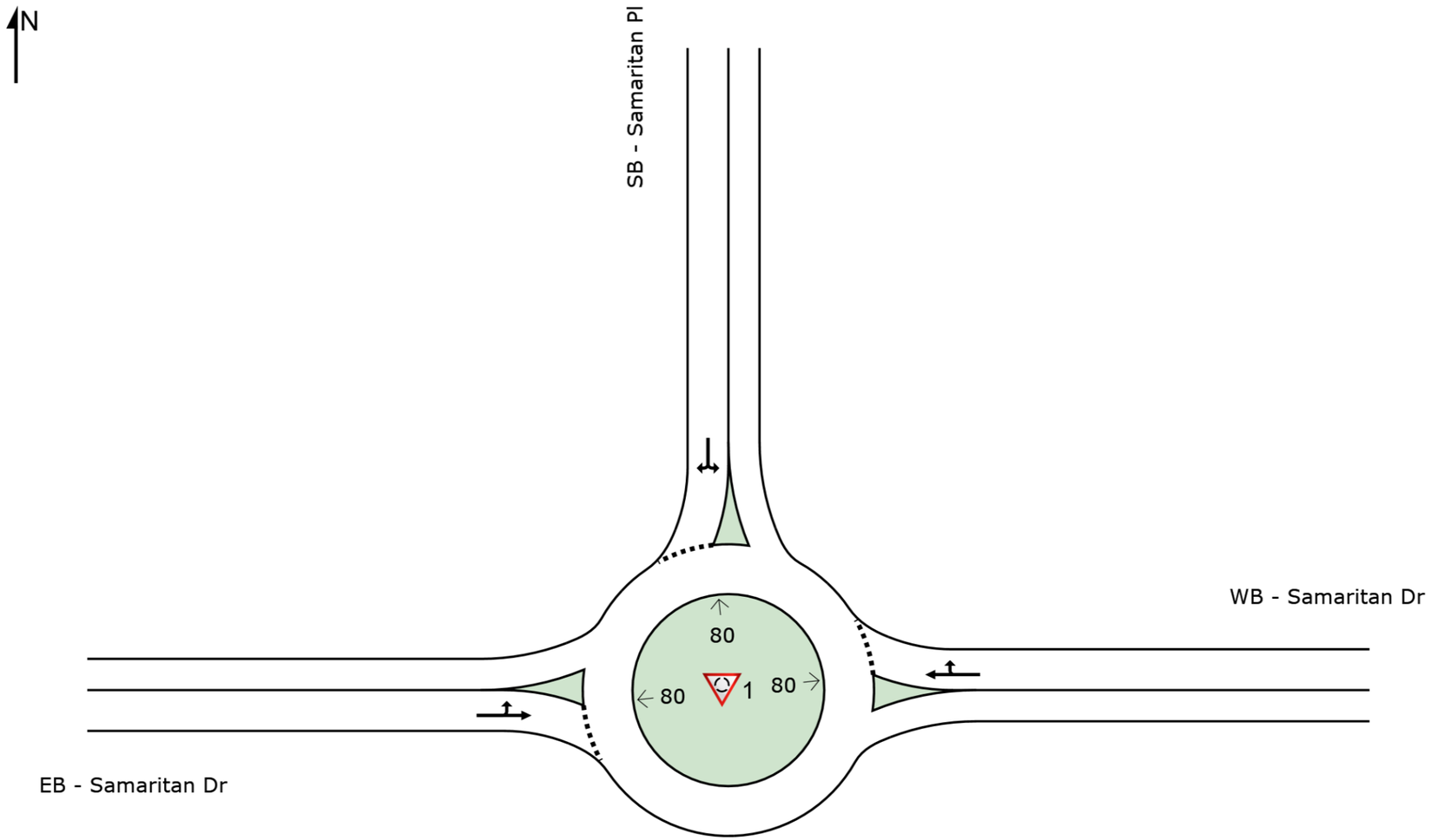
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SITE LAYOUT

Site: 1 [INT-1_CUM-PP_PM_Alt00 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Layout pictures are schematic functional drawings reflecting input data. They are not design drawings.



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MOVEMENT SUMMARY

Site: 1 [INT-1_CUM-PP_PM_Alt00 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] ft	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed mph
East: WB - Samaritan Dr														
6	T1	252	2.0	274	2.0	0.207	4.4	LOS A	1.0	24.9	0.07	0.02	0.07	36.2
16	R2	3	2.0	3	2.0	0.207	4.4	LOS A	1.0	24.9	0.07	0.02	0.07	34.5
Approach		255	2.0	277	2.0	0.207	4.4	LOS A	1.0	24.9	0.07	0.02	0.07	36.2
North: SB - Samaritan Pl														
7	L2	6	2.0	7	2.0	0.047	3.9	LOS A	0.2	4.9	0.39	0.25	0.39	35.2
14	R2	38	2.0	41	2.0	0.047	3.9	LOS A	0.2	4.9	0.39	0.25	0.39	31.2
Approach		44	2.0	48	2.0	0.047	3.9	LOS A	0.2	4.9	0.39	0.25	0.39	32.0
West: EB - Samaritan Dr														
5	L2	11	2.0	12	2.0	0.781	15.4	LOS C	13.4	341.3	0.19	0.04	0.19	26.2
2	T1	955	2.0	1038	2.0	0.781	15.4	LOS C	13.4	341.3	0.19	0.04	0.19	32.1
Approach		966	2.0	1050	2.0	0.781	15.4	LOS C	13.4	341.3	0.19	0.04	0.19	32.0
All Vehicles		1265	2.0	1375	2.0	0.781	12.8	LOS B	13.4	341.3	0.17	0.04	0.17	32.8

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
Delay Model: HCM Delay Formula (Geometric Delay is not included).
Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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QUEUE ANALYSIS

Site: 1 [INT-1_CUM-PP_PM_Alt00 (Site Folder: General)]

New Site
Site Category: (None)
Roundabout

Lane Queues (Distance)

Lane Number	Contin. Lane	Deg. Satn	Prog. Factor (Queue)	Overflow Queue (ft)	Back of Queue (ft)		Queue at Start of Green (ft)		Cycle Average Queue (ft)		Queue Storage Ratio		Prob. Block.	Prob. SL Ov.	Ov. Lane No.
		v/c			Av.	95%	Av.	95%	Av.	95%	Av.	95%	%	%	
East: WB - Samaritan Dr															
Lane 1		0.207	1.000	0.0	10.0	24.9	NA	NA	8.7	15.7	0.00	0.01	0.0	NA	NA
Approach		0.207			10.0	24.9	NA	NA	8.7	15.7	0.00	0.01			
North: SB - Samaritan Pl															
Lane 1		0.047	1.000	0.0	2.0	4.9	NA	NA	1.3	2.4	0.00	0.01	0.0	NA	NA
Approach		0.047			2.0	4.9	NA	NA	1.3	2.4	0.00	0.01			
West: EB - Samaritan Dr															
Lane 1		0.781	1.000	0.0	137.3	341.3	NA	NA	113.9	206.6	0.09	0.24	0.0	NA	NA
Approach		0.781			137.3	341.3	NA	NA	113.9	206.6	0.09	0.24			
Intersection		0.781			137.3	341.3	NA	NA	113.9	206.6	0.09	0.24			

Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.

Lane Queues (Vehicles)

Lane Number	Contin. Lane	Deg. Satn	Prog. Factor (Queue)	Overflow Queue (veh)	Back of Queue (veh)		Queue at Start of Green (veh)		Cycle Average Queue (veh)		Queue Storage Ratio		Prob. Block.	Prob. SL Ov.	Ov. Lane No.
		v/c			Av.	95%	Av.	95%	Av.	95%	Av.	95%	%	%	
East: WB - Samaritan Dr															
Lane 1		0.207	1.000	0.0	0.4	1.0	NA	NA	0.3	0.6	0.00	0.01	0.0	NA	NA
Approach		0.207			0.4	1.0	NA	NA	0.3	0.6	0.00	0.01			
North: SB - Samaritan Pl															
Lane 1		0.047	1.000	0.0	0.1	0.2	NA	NA	0.1	0.1	0.00	0.01	0.0	NA	NA
Approach		0.047			0.1	0.2	NA	NA	0.1	0.1	0.00	0.01			
West: EB - Samaritan Dr															
Lane 1		0.781	1.000	0.0	5.4	13.4	NA	NA	4.5	8.1	0.09	0.24	0.0	NA	NA
Approach		0.781			5.4	13.4	NA	NA	4.5	8.1	0.09	0.24			
Intersection		0.781			5.4	13.4	NA	NA	4.5	8.1	0.09	0.24			

Queue Model: HCM Queue Formula.
Gap-Acceptance Capacity: Traditional M1.

Continuous Lane Performance

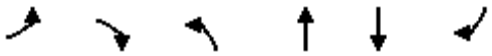
Lane Number	Deg. Satn	Unint. Speed	Unint. Travel Delay	Hdwy	Spacing	Aver. Vehicle Length	Occup. Time	Space Time	Space Occup. Ratio	Time Occup. Ratio	Density		LOS (Density Method)
	v/c	mph	sec	sec	ft	ft	sec	sec	%	%	veh/mi	pc/mi	

East: WB - Samaritan Dr
This approach does not have any continuous lanes
North: SB - Samaritan Pl
This approach does not have any continuous lanes
West: EB - Samaritan Dr
This approach does not have any continuous lanes

Midblock Effective Detection Zone Length = 7 ft

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Appendix K – East Mozart Avenue – LOS Results



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	14	0	653	949	21
Future Volume (Veh/h)	0	14	0	653	949	21
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	15	0	710	1032	23
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)				102		
pX, platoon unblocked	0.95					
vC, conflicting volume	1280	356	1055			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1105	356	1055			
tC, single (s)	6.8	6.9	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	100	98	100			
cM capacity (veh/h)	194	641	656			

Direction, Lane #	EB 1	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3
Volume Total	15	237	237	237	413	413	229
Volume Left	0	0	0	0	0	0	0
Volume Right	15	0	0	0	0	0	23
cSH	641	1700	1700	1700	1700	1700	1700
Volume to Capacity	0.02	0.14	0.14	0.14	0.24	0.24	0.13
Queue Length 95th (ft)	2	0	0	0	0	0	0
Control Delay (s)	10.8	0.0	0.0	0.0	0.0	0.0	0.0
Lane LOS	B						
Approach Delay (s)	10.8	0.0			0.0		
Approach LOS	B						

Intersection Summary			
Average Delay	0.1		
Intersection Capacity Utilization	28.8%	ICU Level of Service	A
Analysis Period (min)	15		



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	0	0	0	201	2	140	4	267	508	0	0	670
Future Volume (vph)	0	0	0	201	2	140	4	267	508	0	0	670
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)				4.5	4.5	4.5		4.5	4.5			4.5
Lane Util. Factor				0.95	0.95	1.00		0.97	0.91			0.91
Frt				1.00	1.00	0.85		1.00	1.00			0.96
Flt Protected				0.95	0.95	1.00		0.95	1.00			1.00
Satd. Flow (prot)				1681	1687	1583		3433	5085			4891
Flt Permitted				0.95	0.95	1.00		0.95	1.00			1.00
Satd. Flow (perm)				1681	1687	1583		3433	5085			4891
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	0	0	218	2	152	4	290	552	0	0	728
RTOR Reduction (vph)	0	0	0	0	0	96	0	0	0	0	0	49
Lane Group Flow (vph)	0	0	0	109	111	56	0	294	552	0	0	927
Turn Type				Prot	NA	Perm	Prot	Prot	NA			NA
Protected Phases				3	8		5	5	2			6
Permitted Phases						8						
Actuated Green, G (s)				42.5	42.5	42.5		15.2	64.5			44.8
Effective Green, g (s)				42.5	42.5	42.5		15.2	64.5			44.8
Actuated g/C Ratio				0.37	0.37	0.37		0.13	0.56			0.39
Clearance Time (s)				4.5	4.5	4.5		4.5	4.5			4.5
Vehicle Extension (s)				3.0	3.0	3.0		3.0	3.0			3.0
Lane Grp Cap (vph)				615	618	579		449	2827			1888
v/s Ratio Prot				0.06	c0.07			c0.09	0.11			c0.19
v/s Ratio Perm						0.04						
v/c Ratio				0.18	0.18	0.10		0.65	0.20			0.49
Uniform Delay, d1				24.9	24.9	24.1		47.9	12.8			27.0
Progression Factor				1.00	1.00	1.00		1.00	1.00			1.00
Incremental Delay, d2				0.1	0.1	0.1		3.4	0.2			0.9
Delay (s)				25.0	25.1	24.2		51.3	13.0			27.9
Level of Service				C	C	C		D	B			C
Approach Delay (s)		0.0			24.7				26.3			27.9
Approach LOS		A			C				C			C

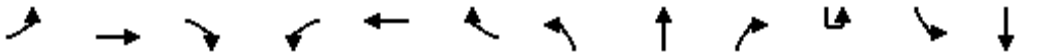
Intersection Summary			
HCM 2000 Control Delay	26.7	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.39		
Actuated Cycle Length (s)	116.0	Sum of lost time (s)	13.5
Intersection Capacity Utilization	42.9%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group



Movement	SBR
Lane Configurations	
Traffic Volume (vph)	228
Future Volume (vph)	228
Ideal Flow (vphpl)	1900
Total Lost time (s)	
Lane Util. Factor	
Frt	
Flt Protected	
Satd. Flow (prot)	
Flt Permitted	
Satd. Flow (perm)	
Peak-hour factor, PHF	0.92
Adj. Flow (vph)	248
RTOR Reduction (vph)	0
Lane Group Flow (vph)	0
Turn Type	
Protected Phases	
Permitted Phases	
Actuated Green, G (s)	
Effective Green, g (s)	
Actuated g/C Ratio	
Clearance Time (s)	
Vehicle Extension (s)	
Lane Grp Cap (vph)	
v/s Ratio Prot	
v/s Ratio Perm	
v/c Ratio	
Uniform Delay, d1	
Progression Factor	
Incremental Delay, d2	
Delay (s)	
Level of Service	
Approach Delay (s)	
Approach LOS	

Intersection Summary



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	134	1	209	0	0	0	0	641	223	1	86	788
Future Volume (vph)	134	1	209	0	0	0	0	641	223	1	86	788
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.5	4.5						4.5			4.5	4.5
Lane Util. Factor	0.95	0.95						0.91			0.97	0.95
Frt	1.00	0.86						0.96			1.00	1.00
Flt Protected	0.95	1.00						1.00			0.95	1.00
Satd. Flow (prot)	1681	1517						4889			3433	3539
Flt Permitted	0.95	1.00						1.00			0.95	1.00
Satd. Flow (perm)	1681	1517						4889			3433	3539
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	146	1	227	0	0	0	0	697	242	1	93	857
RTOR Reduction (vph)	0	176	0	0	0	0	0	34	0	0	0	0
Lane Group Flow (vph)	131	67	0	0	0	0	0	905	0	0	94	857
Turn Type	Prot	NA						NA		Prot	Prot	NA
Protected Phases	7	4						2		1	1	6
Permitted Phases												
Actuated Green, G (s)	19.5	19.5						69.9			7.0	81.4
Effective Green, g (s)	19.5	19.5						69.9			7.0	81.4
Actuated g/C Ratio	0.18	0.18						0.64			0.06	0.74
Clearance Time (s)	4.5	4.5						4.5			4.5	4.5
Vehicle Extension (s)	3.0	3.0						3.0			3.0	3.0
Lane Grp Cap (vph)	298	269						3109			218	2621
v/s Ratio Prot	c0.08	0.04						0.19			c0.03	c0.24
v/s Ratio Perm												
v/c Ratio	0.44	0.25						0.29			0.43	0.33
Uniform Delay, d1	40.3	38.9						8.9			49.5	4.9
Progression Factor	1.00	1.00						1.00			1.00	1.00
Incremental Delay, d2	1.0	0.5						0.2			1.4	0.3
Delay (s)	41.4	39.4						9.2			50.9	5.2
Level of Service	D	D						A			D	A
Approach Delay (s)		40.1			0.0			9.2				9.7
Approach LOS		D			A			A				A

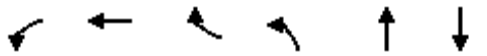
Intersection Summary			
HCM 2000 Control Delay	14.5	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.37		
Actuated Cycle Length (s)	109.9	Sum of lost time (s)	13.5
Intersection Capacity Utilization	42.9%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group



Movement	SBR
Lane Configurations	
Traffic Volume (vph)	0
Future Volume (vph)	0
Ideal Flow (vphpl)	1900
Total Lost time (s)	
Lane Util. Factor	
Frt	
Flt Protected	
Satd. Flow (prot)	
Flt Permitted	
Satd. Flow (perm)	
Peak-hour factor, PHF	0.92
Adj. Flow (vph)	0
RTOR Reduction (vph)	0
Lane Group Flow (vph)	0
Turn Type	
Protected Phases	
Permitted Phases	
Actuated Green, G (s)	
Effective Green, g (s)	
Actuated g/C Ratio	
Clearance Time (s)	
Vehicle Extension (s)	
Lane Grp Cap (vph)	
v/s Ratio Prot	
v/s Ratio Perm	
v/c Ratio	
Uniform Delay, d1	
Progression Factor	
Incremental Delay, d2	
Delay (s)	
Level of Service	
Approach Delay (s)	
Approach LOS	

Intersection Summary



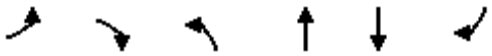
Lane Group	WBL	WBT	WBR	NBL	NBT	SBT
Lane Group Flow (vph)	109	111	152	294	552	976
v/c Ratio	0.18	0.18	0.22	0.66	0.20	0.50
Control Delay	25.9	26.0	4.8	54.8	13.0	26.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	25.9	26.0	4.8	54.8	13.0	26.2
Queue Length 50th (ft)	57	58	0	109	71	183
Queue Length 95th (ft)	102	104	43	149	92	240
Internal Link Dist (ft)		536			456	22
Turn Bay Length (ft)	170		170	166		
Base Capacity (vph)	615	617	676	606	2827	1940
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.18	0.18	0.22	0.49	0.20	0.50

Intersection Summary



Lane Group	EBL	EBT	NBT	SBL	SBT
Lane Group Flow (vph)	131	243	939	94	857
v/c Ratio	0.44	0.54	0.30	0.36	0.33
Control Delay	43.4	12.2	9.8	53.0	6.3
Queue Delay	0.0	0.0	0.0	0.0	0.3
Total Delay	43.4	12.2	9.8	53.0	6.5
Queue Length 50th (ft)	86	17	113	35	124
Queue Length 95th (ft)	147	92	148	61	156
Internal Link Dist (ft)		239	140		456
Turn Bay Length (ft)					
Base Capacity (vph)	420	447	3164	859	2610
Starvation Cap Reductn	0	0	0	0	976
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.31	0.54	0.30	0.11	0.52

Intersection Summary



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	25	0	1167	750	20
Future Volume (Veh/h)	0	25	0	1167	750	20
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	27	0	1268	815	22
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)				102		
pX, platoon unblocked	0.88					
vC, conflicting volume	1249	283	837			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	826	283	837			
tC, single (s)	6.8	6.9	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	100	96	100			
cM capacity (veh/h)	275	714	793			

Direction, Lane #	EB 1	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3
Volume Total	27	423	423	423	326	326	185
Volume Left	0	0	0	0	0	0	0
Volume Right	27	0	0	0	0	0	22
cSH	714	1700	1700	1700	1700	1700	1700
Volume to Capacity	0.04	0.25	0.25	0.25	0.19	0.19	0.11
Queue Length 95th (ft)	3	0	0	0	0	0	0
Control Delay (s)	10.2	0.0	0.0	0.0	0.0	0.0	0.0
Lane LOS	B						
Approach Delay (s)	10.2	0.0			0.0		
Approach LOS	B						

Intersection Summary			
Average Delay	0.1		
Intersection Capacity Utilization	25.9%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	0	0	0	143	2	155	3	285	972	0	0	571
Future Volume (vph)	0	0	0	143	2	155	3	285	972	0	0	571
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)				4.5	4.5	4.5		4.5	4.5			4.5
Lane Util. Factor				0.95	0.95	1.00		0.97	0.91			0.91
Frt				1.00	1.00	0.85		1.00	1.00			0.97
Flt Protected				0.95	0.95	1.00		0.95	1.00			1.00
Satd. Flow (prot)				1681	1687	1583		3433	5085			4909
Flt Permitted				0.95	0.95	1.00		0.95	1.00			1.00
Satd. Flow (perm)				1681	1687	1583		3433	5085			4909
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	0	0	155	2	168	3	310	1057	0	0	621
RTOR Reduction (vph)	0	0	0	0	0	55	0	0	0	0	0	44
Lane Group Flow (vph)	0	0	0	79	78	113	0	313	1057	0	0	763
Turn Type				Prot	NA	Perm	Prot	Prot	NA			NA
Protected Phases				3	8		5	5	2			6
Permitted Phases						8						
Actuated Green, G (s)				42.5	42.5	42.5		15.8	64.5			44.2
Effective Green, g (s)				42.5	42.5	42.5		15.8	64.5			44.2
Actuated g/C Ratio				0.37	0.37	0.37		0.14	0.56			0.38
Clearance Time (s)				4.5	4.5	4.5		4.5	4.5			4.5
Vehicle Extension (s)				3.0	3.0	3.0		3.0	3.0			3.0
Lane Grp Cap (vph)				615	618	579		467	2827			1870
v/s Ratio Prot				0.05	0.05			c0.09	0.21			c0.16
v/s Ratio Perm						c0.07						
v/c Ratio				0.13	0.13	0.19		0.67	0.37			0.41
Uniform Delay, d1				24.4	24.4	25.1		47.6	14.4			26.3
Progression Factor				1.00	1.00	1.00		1.00	1.00			1.00
Incremental Delay, d2				0.1	0.1	0.2		3.8	0.4			0.7
Delay (s)				24.5	24.5	25.2		51.4	14.8			27.0
Level of Service				C	C	C		D	B			C
Approach Delay (s)		0.0			24.9				23.2			27.0
Approach LOS		A			C				C			C

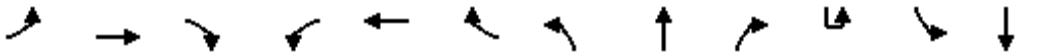
Intersection Summary			
HCM 2000 Control Delay	24.6	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.36		
Actuated Cycle Length (s)	116.0	Sum of lost time (s)	13.5
Intersection Capacity Utilization	65.0%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group



Movement	SBR
Lane Configurations	
Traffic Volume (vph)	171
Future Volume (vph)	171
Ideal Flow (vphpl)	1900
Total Lost time (s)	
Lane Util. Factor	
Frt	
Flt Protected	
Satd. Flow (prot)	
Flt Permitted	
Satd. Flow (perm)	
Peak-hour factor, PHF	0.92
Adj. Flow (vph)	186
RTOR Reduction (vph)	0
Lane Group Flow (vph)	0
Turn Type	
Protected Phases	
Permitted Phases	
Actuated Green, G (s)	
Effective Green, g (s)	
Actuated g/C Ratio	
Clearance Time (s)	
Vehicle Extension (s)	
Lane Grp Cap (vph)	
v/s Ratio Prot	
v/s Ratio Perm	
v/c Ratio	
Uniform Delay, d1	
Progression Factor	
Incremental Delay, d2	
Delay (s)	
Level of Service	
Approach Delay (s)	
Approach LOS	

Intersection Summary



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	384	148	296	0	0	0	0	881	400	4	124	561
Future Volume (vph)	384	148	296	0	0	0	0	881	400	4	124	561
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.5	4.5						4.5			4.5	4.5
Lane Util. Factor	0.95	0.95						0.91			0.97	0.95
Frt	1.00	0.91						0.95			1.00	1.00
Flt Protected	0.95	1.00						1.00			0.95	1.00
Satd. Flow (prot)	1681	1600						4847			3433	3539
Flt Permitted	0.95	1.00						1.00			0.95	1.00
Satd. Flow (perm)	1681	1600						4847			3433	3539
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	417	161	322	0	0	0	0	958	435	4	135	610
RTOR Reduction (vph)	0	49	0	0	0	0	0	53	0	0	0	0
Lane Group Flow (vph)	375	476	0	0	0	0	0	1340	0	0	139	610
Turn Type	Prot	NA						NA		Prot	Prot	NA
Protected Phases	7	4						2		1	1	6
Permitted Phases												
Actuated Green, G (s)	27.1	27.1						65.3			10.1	79.9
Effective Green, g (s)	27.1	27.1						65.3			10.1	79.9
Actuated g/C Ratio	0.23	0.23						0.56			0.09	0.69
Clearance Time (s)	4.5	4.5						4.5			4.5	4.5
Vehicle Extension (s)	3.0	3.0						3.0			3.0	3.0
Lane Grp Cap (vph)	392	373						2728			298	2437
v/s Ratio Prot	0.22	c0.30						c0.28			c0.04	0.17
v/s Ratio Perm												
v/c Ratio	0.96	1.28						0.49			0.47	0.25
Uniform Delay, d1	43.9	44.5						15.3			50.4	6.8
Progression Factor	1.00	1.00						1.00			1.00	1.00
Incremental Delay, d2	34.0	143.5						0.6			1.2	0.2
Delay (s)	77.9	188.0						16.0			51.5	7.0
Level of Service	E	F						B			D	A
Approach Delay (s)		142.1			0.0			16.0				15.3
Approach LOS		F			A			B				B

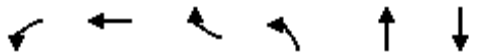
Intersection Summary			
HCM 2000 Control Delay	53.1	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.70		
Actuated Cycle Length (s)	116.0	Sum of lost time (s)	13.5
Intersection Capacity Utilization	65.0%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group



Movement	SBR
Lane Configurations	
Traffic Volume (vph)	0
Future Volume (vph)	0
Ideal Flow (vphpl)	1900
Total Lost time (s)	
Lane Util. Factor	
Frt	
Flt Protected	
Satd. Flow (prot)	
Flt Permitted	
Satd. Flow (perm)	
Peak-hour factor, PHF	0.92
Adj. Flow (vph)	0
RTOR Reduction (vph)	0
Lane Group Flow (vph)	0
Turn Type	
Protected Phases	
Permitted Phases	
Actuated Green, G (s)	
Effective Green, g (s)	
Actuated g/C Ratio	
Clearance Time (s)	
Vehicle Extension (s)	
Lane Grp Cap (vph)	
v/s Ratio Prot	
v/s Ratio Perm	
v/c Ratio	
Uniform Delay, d1	
Progression Factor	
Incremental Delay, d2	
Delay (s)	
Level of Service	
Approach Delay (s)	
Approach LOS	

Intersection Summary



Lane Group	WBL	WBT	WBR	NBL	NBT	SBT
Lane Group Flow (vph)	79	78	168	313	1057	807
v/c Ratio	0.15	0.16	0.26	0.67	0.37	0.42
Control Delay	26.6	25.5	13.7	54.7	14.9	25.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	26.6	25.5	13.7	54.7	14.9	25.2
Queue Length 50th (ft)	41	40	40	115	154	146
Queue Length 95th (ft)	77	76	92	157	185	195
Internal Link Dist (ft)		536			456	22
Turn Bay Length (ft)	170		170	166		
Base Capacity (vph)	615	494	635	606	2827	1914
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.13	0.16	0.26	0.52	0.37	0.42

Intersection Summary

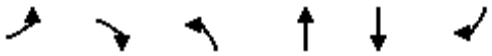


Lane Group	EBL	EBT	NBT	SBL	SBT
Lane Group Flow (vph)	375	525	1393	139	610
v/c Ratio	0.96	1.24	0.50	0.47	0.25
Control Delay	80.4	162.3	14.8	55.2	7.1
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	80.4	162.3	14.8	55.2	7.1
Queue Length 50th (ft)	292	~474	200	52	81
Queue Length 95th (ft)	#492	#703	254	82	105
Internal Link Dist (ft)		239	140		456
Turn Bay Length (ft)					
Base Capacity (vph)	392	422	2781	802	2437
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.96	1.24	0.50	0.17	0.25

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

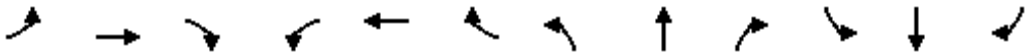
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	7	7	0	711	1154	21
Future Volume (vph)	7	7	0	711	1154	21
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.5			4.5	4.5	
Lane Util. Factor	1.00			0.91	0.91	
Frt	0.93			1.00	1.00	
Flt Protected	0.98			1.00	1.00	
Satd. Flow (prot)	1695			5085	5072	
Flt Permitted	0.98			1.00	1.00	
Satd. Flow (perm)	1695			5085	5072	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	8	8	0	773	1254	23
RTOR Reduction (vph)	0	0	0	0	2	0
Lane Group Flow (vph)	16	0	0	773	1275	0
Turn Type	Prot			NA	NA	
Protected Phases	3			2	6	
Permitted Phases						
Actuated Green, G (s)	0.8			38.0	25.9	
Effective Green, g (s)	0.8			38.0	25.9	
Actuated g/C Ratio	0.01			0.58	0.40	
Clearance Time (s)	4.5			4.5	4.5	
Vehicle Extension (s)	3.0			3.0	3.0	
Lane Grp Cap (vph)	20			2968	2017	
v/s Ratio Prot	c0.01			c0.15	c0.25	
v/s Ratio Perm						
v/c Ratio	0.80			0.26	0.63	
Uniform Delay, d1	32.1			6.7	15.8	
Progression Factor	1.00			0.33	1.00	
Incremental Delay, d2	110.1			0.2	1.5	
Delay (s)	142.2			2.4	17.3	
Level of Service	F			A	B	
Approach Delay (s)	142.2			2.4	17.3	
Approach LOS	F			A	B	

Intersection Summary			
HCM 2000 Control Delay	12.7	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.41		
Actuated Cycle Length (s)	65.1	Sum of lost time (s)	18.0
Intersection Capacity Utilization	34.4%	ICU Level of Service	A
Analysis Period (min)	15		

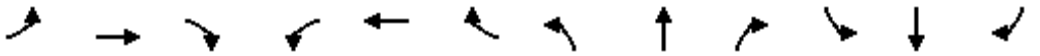
c Critical Lane Group



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	343	2	140	339	587	0	0	895	229
Future Volume (vph)	0	0	0	343	2	140	339	587	0	0	895	229
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)				4.5	4.5	4.5	4.5	4.5			4.5	
Lane Util. Factor				0.95	0.95	1.00	0.97	0.91			0.91	
Frt				1.00	1.00	0.85	1.00	1.00			0.97	
Flt Protected				0.95	0.95	1.00	0.95	1.00			1.00	
Satd. Flow (prot)				1681	1686	1583	3433	5085			4930	
Flt Permitted				0.95	0.95	1.00	0.95	1.00			1.00	
Satd. Flow (perm)				1681	1686	1583	3433	5085			4930	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	0	0	373	2	152	368	638	0	0	973	249
RTOR Reduction (vph)	0	0	0	0	0	122	0	0	0	0	39	0
Lane Group Flow (vph)	0	0	0	186	189	30	368	638	0	0	1183	0
Turn Type				Split	NA	Perm	Prot	NA			NA	
Protected Phases				4	4		5	2			6	
Permitted Phases						4						
Actuated Green, G (s)				12.8	12.8	12.8	7.6	38.0			25.9	
Effective Green, g (s)				12.8	12.8	12.8	7.6	38.0			25.9	
Actuated g/C Ratio				0.20	0.20	0.20	0.12	0.58			0.40	
Clearance Time (s)				4.5	4.5	4.5	4.5	4.5			4.5	
Vehicle Extension (s)				3.0	3.0	3.0	3.0	3.0			3.0	
Lane Grp Cap (vph)				330	331	311	400	2968			1961	
v/s Ratio Prot				0.11	c0.11		c0.11	0.13			c0.24	
v/s Ratio Perm						0.02						
v/c Ratio				0.56	0.57	0.10	0.92	0.21			0.60	
Uniform Delay, d1				23.6	23.7	21.4	28.4	6.4			15.5	
Progression Factor				1.00	1.00	1.00	1.00	1.00			0.03	
Incremental Delay, d2				2.2	2.4	0.1	26.1	0.2			1.1	
Delay (s)				25.8	26.0	21.5	54.6	6.6			1.5	
Level of Service				C	C	C	D	A			A	
Approach Delay (s)		0.0			24.7			24.2			1.5	
Approach LOS		A			C			C			A	

Intersection Summary			
HCM 2000 Control Delay	14.2	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.63		
Actuated Cycle Length (s)	65.1	Sum of lost time (s)	18.0
Intersection Capacity Utilization	52.9%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	134	1	407	0	0	0	0	786	280	88	1155	0
Future Volume (vph)	134	1	407	0	0	0	0	786	280	88	1155	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.5	4.5						4.5		4.5	4.5	
Lane Util. Factor	0.95	0.95						0.91		0.97	0.95	
Frt	1.00	0.86						0.96		1.00	1.00	
Flt Protected	0.95	1.00						1.00		0.95	1.00	
Satd. Flow (prot)	1681	1511						4885		3433	3539	
Flt Permitted	0.95	1.00						1.00		0.95	1.00	
Satd. Flow (perm)	1681	1511						4885		3433	3539	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	146	1	442	0	0	0	0	854	304	96	1255	0
RTOR Reduction (vph)	0	86	0	0	0	0	0	115	0	0	0	0
Lane Group Flow (vph)	131	372	0	0	0	0	0	1043	0	96	1255	0
Turn Type	Prot	NA						NA		Prot	NA	
Protected Phases	7	4						2		1	6	
Permitted Phases												
Actuated Green, G (s)	6.5	6.5						28.8		3.0	36.3	
Effective Green, g (s)	6.5	6.5						28.8		3.0	36.3	
Actuated g/C Ratio	0.13	0.13						0.56		0.06	0.70	
Clearance Time (s)	4.5	4.5						4.5		4.5	4.5	
Vehicle Extension (s)	3.0	3.0						3.0		3.0	3.0	
Lane Grp Cap (vph)	210	189						2715		198	2480	
v/s Ratio Prot	0.08	c0.25						0.21		0.03	c0.35	
v/s Ratio Perm												
v/c Ratio	0.62	1.97						0.38		0.48	0.51	
Uniform Delay, d1	21.5	22.6						6.5		23.7	3.6	
Progression Factor	1.00	1.00						1.00		1.00	1.00	
Incremental Delay, d2	5.7	455.0						0.4		1.9	0.7	
Delay (s)	27.2	477.6						6.9		25.5	4.3	
Level of Service	C	F						A		C	A	
Approach Delay (s)		377.4			0.0			6.9			5.8	
Approach LOS		F			A			A			A	

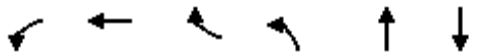
Intersection Summary			
HCM 2000 Control Delay	76.9	HCM 2000 Level of Service	E
HCM 2000 Volume to Capacity ratio	0.81		
Actuated Cycle Length (s)	51.8	Sum of lost time (s)	13.5
Intersection Capacity Utilization	55.7%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group



Lane Group	EBL	NBT	SBT
Lane Group Flow (vph)	16	773	1277
v/c Ratio	0.12	0.25	0.60
Control Delay	31.9	2.3	16.5
Queue Delay	0.0	0.0	0.0
Total Delay	31.9	2.3	16.5
Queue Length 50th (ft)	5	9	115
Queue Length 95th (ft)	26	29	243
Internal Link Dist (ft)	142	22	213
Turn Bay Length (ft)			
Base Capacity (vph)	139	3145	2134
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.12	0.25	0.60

Intersection Summary



Lane Group	WBL	WBT	WBR	NBL	NBT	SBT
Lane Group Flow (vph)	186	189	152	368	638	1222
v/c Ratio	0.53	0.54	0.34	0.87	0.20	0.58
Control Delay	27.8	28.0	6.5	51.7	6.5	1.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	27.8	28.0	6.5	51.7	6.5	1.3
Queue Length 50th (ft)	62	63	0	65	27	0
Queue Length 95th (ft)	136	140	42	#184	82	0
Internal Link Dist (ft)		536			456	22
Turn Bay Length (ft)	170		170	166		
Base Capacity (vph)	1081	1084	1072	424	3145	2110
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	82	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.17	0.17	0.15	0.87	0.20	0.58

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

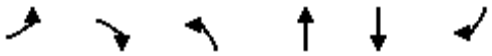


Lane Group	EBL	EBT	NBT	SBL	SBT
Lane Group Flow (vph)	131	458	1158	96	1255
v/c Ratio	0.61	1.88	0.40	0.28	0.51
Control Delay	35.7	427.1	5.6	23.2	4.6
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	35.7	427.1	5.6	23.2	4.6
Queue Length 50th (ft)	38	~187	53	13	67
Queue Length 95th (ft)	#103	#344	78	31	99
Internal Link Dist (ft)		239	140		456
Turn Bay Length (ft)					
Base Capacity (vph)	218	244	2924	343	2441
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.60	1.88	0.40	0.28	0.51

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

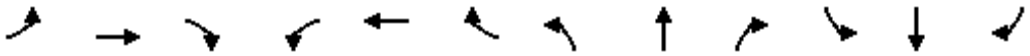
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	13	12	0	1457	879	20
Future Volume (vph)	13	12	0	1457	879	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.5			4.5	4.5	
Lane Util. Factor	1.00			0.91	0.91	
Frt	0.94			1.00	1.00	
Flt Protected	0.97			1.00	1.00	
Satd. Flow (prot)	1698			5085	5068	
Flt Permitted	0.97			1.00	1.00	
Satd. Flow (perm)	1698			5085	5068	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	14	13	0	1584	955	22
RTOR Reduction (vph)	0	0	0	0	2	0
Lane Group Flow (vph)	27	0	0	1584	975	0
Turn Type	Prot			NA	NA	
Protected Phases	3			2	6	
Permitted Phases						
Actuated Green, G (s)	1.8			48.1	25.9	
Effective Green, g (s)	1.8			48.1	25.9	
Actuated g/C Ratio	0.02			0.64	0.34	
Clearance Time (s)	4.5			4.5	4.5	
Vehicle Extension (s)	3.0			3.0	3.0	
Lane Grp Cap (vph)	40			3256	1747	
v/s Ratio Prot	c0.02			c0.31	c0.19	
v/s Ratio Perm						
v/c Ratio	0.68			0.49	0.56	
Uniform Delay, d1	36.4			7.1	20.0	
Progression Factor	1.00			0.23	1.00	
Incremental Delay, d2	36.7			0.5	1.3	
Delay (s)	73.1			2.1	21.3	
Level of Service	E			A	C	
Approach Delay (s)	73.1			2.1	21.3	
Approach LOS	E			A	C	

Intersection Summary			
HCM 2000 Control Delay	10.1	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.44		
Actuated Cycle Length (s)	75.1	Sum of lost time (s)	18.0
Intersection Capacity Utilization	39.8%	ICU Level of Service	A
Analysis Period (min)	15		

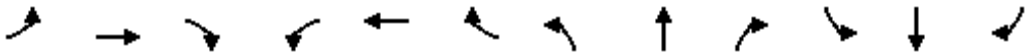
c Critical Lane Group



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	250	2	155	540	1313	0	0	753	171
Future Volume (vph)	0	0	0	250	2	155	540	1313	0	0	753	171
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)				4.5	4.5	4.5	4.5	4.5			4.5	
Lane Util. Factor				0.95	0.95	1.00	0.97	0.91			0.91	
Frt				1.00	1.00	0.85	1.00	1.00			0.97	
Flt Protected				0.95	0.95	1.00	0.95	1.00			1.00	
Satd. Flow (prot)				1681	1687	1583	3433	5085			4944	
Flt Permitted				0.95	0.95	1.00	0.95	1.00			1.00	
Satd. Flow (perm)				1681	1687	1583	3433	5085			4944	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	0	0	272	2	168	587	1427	0	0	818	186
RTOR Reduction (vph)	0	0	0	0	0	107	0	0	0	0	30	0
Lane Group Flow (vph)	0	0	0	136	138	61	587	1427	0	0	974	0
Turn Type				Split	NA	Perm	Prot	NA			NA	
Protected Phases				4	4		5	2			6	
Permitted Phases						4						
Actuated Green, G (s)				11.7	11.7	11.7	17.7	48.1			25.9	
Effective Green, g (s)				11.7	11.7	11.7	17.7	48.1			25.9	
Actuated g/C Ratio				0.16	0.16	0.16	0.24	0.64			0.34	
Clearance Time (s)				4.5	4.5	4.5	4.5	4.5			4.5	
Vehicle Extension (s)				3.0	3.0	3.0	3.0	3.0			3.0	
Lane Grp Cap (vph)				261	262	246	809	3256			1705	
v/s Ratio Prot				0.08	c0.08		c0.17	0.28			c0.20	
v/s Ratio Perm						0.04						
v/c Ratio				0.52	0.53	0.25	0.73	0.44			0.57	
Uniform Delay, d1				29.1	29.2	27.8	26.5	6.7			20.1	
Progression Factor				1.00	1.00	1.00	1.00	1.00			0.07	
Incremental Delay, d2				1.9	1.9	0.5	3.3	0.4			1.2	
Delay (s)				31.0	31.1	28.4	29.7	7.2			2.7	
Level of Service				C	C	C	C	A			A	
Approach Delay (s)		0.0			30.0			13.7			2.7	
Approach LOS		A			C			B			A	

Intersection Summary			
HCM 2000 Control Delay	12.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.59		
Actuated Cycle Length (s)	75.1	Sum of lost time (s)	18.0
Intersection Capacity Utilization	52.0%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	384	148	412	0	0	0	0	1471	607	130	851	0
Future Volume (vph)	384	148	412	0	0	0	0	1471	607	130	851	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.5	4.5						4.5		4.5	4.5	
Lane Util. Factor	0.95	0.95						0.91		0.97	0.95	
Frt	1.00	0.90						0.96		1.00	1.00	
Flt Protected	0.95	1.00						1.00		0.95	1.00	
Satd. Flow (prot)	1681	1582						4862		3433	3539	
Flt Permitted	0.95	1.00						1.00		0.95	1.00	
Satd. Flow (perm)	1681	1582						4862		3433	3539	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	417	161	448	0	0	0	0	1599	660	141	925	0
RTOR Reduction (vph)	0	99	0	0	0	0	0	93	0	0	0	0
Lane Group Flow (vph)	375	552	0	0	0	0	0	2166	0	141	925	0
Turn Type	Prot	NA						NA		Prot	NA	
Protected Phases	7	4						2		1	6	
Permitted Phases												
Actuated Green, G (s)	21.5	21.5						39.9		5.1	49.5	
Effective Green, g (s)	21.5	21.5						39.9		5.1	49.5	
Actuated g/C Ratio	0.27	0.27						0.50		0.06	0.62	
Clearance Time (s)	4.5	4.5						4.5		4.5	4.5	
Vehicle Extension (s)	3.0	3.0						3.0		3.0	3.0	
Lane Grp Cap (vph)	451	425						2424		218	2189	
v/s Ratio Prot	0.22	c0.35						c0.45		c0.04	0.26	
v/s Ratio Perm												
v/c Ratio	0.83	1.30						0.89		0.65	0.42	
Uniform Delay, d1	27.5	29.2						18.1		36.6	7.9	
Progression Factor	1.00	1.00						1.00		1.00	1.00	
Incremental Delay, d2	12.3	150.4						5.6		6.5	0.6	
Delay (s)	39.9	179.7						23.7		43.0	8.5	
Level of Service	D	F						C		D	A	
Approach Delay (s)		128.6			0.0			23.7			13.0	
Approach LOS		F			A			C			B	

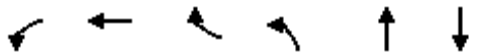
Intersection Summary			
HCM 2000 Control Delay	45.8	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	1.00		
Actuated Cycle Length (s)	80.0	Sum of lost time (s)	13.5
Intersection Capacity Utilization	84.5%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group



Lane Group	EBL	NBT	SBT
Lane Group Flow (vph)	27	1584	977
v/c Ratio	0.23	0.47	0.54
Control Delay	40.1	2.1	21.0
Queue Delay	0.0	0.0	0.0
Total Delay	40.1	2.1	21.0
Queue Length 50th (ft)	11	20	112
Queue Length 95th (ft)	39	38	202
Internal Link Dist (ft)	142	22	213
Turn Bay Length (ft)			
Base Capacity (vph)	119	3384	1813
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.23	0.47	0.54

Intersection Summary



Lane Group	WBL	WBT	WBR	NBL	NBT	SBT
Lane Group Flow (vph)	136	138	168	587	1427	1004
v/c Ratio	0.50	0.51	0.46	0.70	0.42	0.56
Control Delay	35.0	35.2	13.8	31.8	7.3	2.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	35.0	35.2	13.9	31.8	7.3	2.5
Queue Length 50th (ft)	54	55	15	113	73	0
Queue Length 95th (ft)	120	122	69	#228	184	8
Internal Link Dist (ft)		536			456	22
Turn Bay Length (ft)	170		170	166		
Base Capacity (vph)	918	921	922	841	3384	1795
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	106	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.15	0.15	0.21	0.70	0.42	0.56

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	NBT	SBL	SBT
Lane Group Flow (vph)	375	651	2259	141	925
v/c Ratio	0.83	1.24	0.90	0.65	0.42
Control Delay	45.5	148.5	22.8	51.5	8.6
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay	45.5	148.5	22.8	51.5	8.6
Queue Length 50th (ft)	185	~377	331	36	112
Queue Length 95th (ft)	#337	#592	409	#73	149
Internal Link Dist (ft)		239	140		456
Turn Bay Length (ft)					
Base Capacity (vph)	451	524	2518	218	2189
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.83	1.24	0.90	0.65	0.42

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Appendix L – Kinghurst Avenue, Lost Oaks Avenue, Carlton Avenue, Samaritan Pl, National Avenue – ADT Counts

Prepared by National Data & Surveying Services

VOLUME

Samaritan Pl N/O Samaritan Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_004

DAILY TOTALS	NB	SB	EB	WB	Total
	225	232	0	0	457

AM Period	NB		SB		EB		WB		TOTAL	
0:00	0		0						0	
0:15	0		0						0	
0:30	0		0						0	
0:45	0		0						0	
1:00	0		0						0	
1:15	0		0						0	
1:30	0		0						0	
1:45	0		0						0	
2:00	0		0						0	
2:15	0		0						0	
2:30	0		0						0	
2:45	1	1	0						1	1
3:00	0		0						0	
3:15	0		0						0	
3:30	0		0						0	
3:45	0		0						0	
4:00	0		0						0	
4:15	0		1						1	
4:30	0		1						1	
4:45	0		1	3					1	3
5:00	0		0						0	
5:15	0		0						0	
5:30	1		0						1	
5:45	1	2	0						1	2
6:00	2		2						4	
6:15	0		1						1	
6:30	0		1						1	
6:45	0	2	3	7					3	9
7:00	2		1						3	
7:15	3		4						7	
7:30	5		10						15	
7:45	7	17	6	21					13	38
8:00	0		3						3	
8:15	4		5						9	
8:30	5		8						13	
8:45	4	13	5	21					9	34
9:00	2		6						8	
9:15	1		2						3	
9:30	1		6						7	
9:45	4	8	4	18					8	26
10:00	2		2						4	
10:15	3		4						7	
10:30	4		8						12	
10:45	2	11	2	16					4	27
11:00	4		4						8	
11:15	4		4						8	
11:30	5		5						10	
11:45	8	21	4	17					12	38
TOTALS		75		103						**178**
SPLIT %		42.1%		57.9%						**38.9%**

PM Period	NB		SB		EB		WB		TOTAL	
12:00	3		11						14	
12:15	9		9						18	
12:30	7		4						11	
12:45	8	27	2	26					10	53
13:00	3		3						6	
13:15	3		6						9	
13:30	2		2						4	
13:45	2	10	3	14					5	24
14:00	4		2						6	
14:15	2		3						5	
14:30	7		3						10	
14:45	5	18	3	11					8	29
15:00	1		4						5	
15:15	5		3						8	
15:30	6		7						13	
15:45	3	15	4	18					7	33
16:00	6		3						9	
16:15	4		5						9	
16:30	1		3						4	
16:45	2	13	0	11					2	24
17:00	2		3						5	
17:15	4		2						6	
17:30	4		5						9	
17:45	3	13	5	15					8	28
18:00	2		3						5	
18:15	2		0						2	
18:30	3		5						8	
18:45	1	8	3	11					4	19
19:00	2		1						3	
19:15	4		2						6	
19:30	2		0						2	
19:45	5	13	3	6					8	19
20:00	2		1						3	
20:15	4		1						5	
20:30	4		0						4	
20:45	1	11	5	7					6	18
21:00	6		3						9	
21:15	1		2						3	
21:30	2		1						3	
21:45	1	10	0	6					1	16
22:00	2		0						2	
22:15	3		0						3	
22:30	2		1						3	
22:45	1	8	1	2					2	10
23:00	1		0						1	
23:15	1		2						3	
23:30	0		0						0	
23:45	2	4	0	2					2	6
TOTALS		150		129						**279**
SPLIT %		53.8%		46.2%						**61.1%**

DAILY TOTALS	NB	SB	EB	WB	Total
	225	232	0	0	457

AM Peak Hour	11:45	11:30			**11:45**
AM Pk Volume	27	29			**55**
Pk Hr Factor	0.750	0.659			**0.764**
7 - 9 Volume	30	42	0	0	**72**
7 - 9 Peak Hour	7:00	7:30			**7:30**
7 - 9 Pk Volume	17	24	0	0	**40**
Pk Hr Factor	0.607	0.600	0.000	0.000	**0.667**

PM Peak Hour	12:00	12:00			**12:00**
PM Pk Volume	27	26			**53**
Pk Hr Factor	0.750	0.591			**0.736**
4 - 6 Volume	26	26	0	0	**52**
4 - 6 Peak Hour	16:00	17:00			**17:00**
4 - 6 Pk Volume	13	15	0	0	**28**
Pk Hr Factor	0.542	0.750	0.000	0.000	**0.778**

Prepared by National Data & Surveying Services

VOLUME

Kinghurst Dr S/O Lost Oaks Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_001

DAILY TOTALS	NB	SB	EB	WB	Total
	368	455	0	0	823

AM Period	NB		SB		EB		WB		TOTAL		PM Period	NB		SB		EB		WB		TOTAL	
0:00	0		0						0		12:00	6		12						18	
0:15	0		0						0		12:15	4		11						15	
0:30	0		0						0		12:30	8		8						16	
0:45	0		1	1					1	1	12:45	9	27	7	38					16	65
1:00	0		2						2		13:00	6		10						16	
1:15	0		1						1		13:15	5		8						13	
1:30	1		2						3		13:30	3		10						13	
1:45	0	1	0	5					0	6	13:45	7	21	8	36					15	57
2:00	0		0						0		14:00	8		3						11	
2:15	0		0						0		14:15	5		13						18	
2:30	0		0						0		14:30	8		15						23	
2:45	0		0						0		14:45	14	35	10	41					24	76
3:00	0		0						0		15:00	7		12						19	
3:15	0		0						0		15:15	6		6						12	
3:30	2		1						3		15:30	13		4						17	
3:45	0	2	0	1					0	3	15:45	10	36	6	28					16	64
4:00	0		0						0		16:00	6		8						14	
4:15	0		0						0		16:15	5		8						13	
4:30	0		1						1		16:30	5		11						16	
4:45	1	1	0	1					1	2	16:45	3	19	5	32					8	51
5:00	0		1						1		17:00	11		12						23	
5:15	2		0						2		17:15	7		5						12	
5:30	1		0						1		17:30	8		4						12	
5:45	1	4	1	2					2	6	17:45	4	30	2	23					6	53
6:00	2		2						4		18:00	4		7						11	
6:15	1		0						1		18:15	4		5						9	
6:30	5		0						5		18:30	6		4						10	
6:45	8	16	5	7					13	23	18:45	3	17	3	19					6	36
7:00	7		3						10		19:00	3		4						7	
7:15	6		7						13		19:15	2		5						7	
7:30	3		7						10		19:30	0		1						1	
7:45	9	25	17	34					26	59	19:45	2	7	2	12					4	19
8:00	12		30						42		20:00	4		2						6	
8:15	12		12						24		20:15	1		7						8	
8:30	8		7						15		20:30	0		1						1	
8:45	9	41	5	54					14	95	20:45	2	7	3	13					5	20
9:00	6		13						19		21:00	2		0						2	
9:15	8		6						14		21:15	1		2						3	
9:30	3		7						10		21:30	3		0						3	
9:45	4	21	5	31					9	52	21:45	0	6	7	9					7	15
10:00	4		10						14		22:00	0		1						1	
10:15	4		7						11		22:15	1		2						3	
10:30	5		9						14		22:30	1		0						1	
10:45	11	24	8	34					19	58	22:45	2	4	0	3					2	7
11:00	9		6						15		23:00	1		0						1	
11:15	5		4						9		23:15	0		1						1	
11:30	4		7						11		23:30	0		1						1	
11:45	5	23	12	29					17	52	23:45	0	1	0	2					0	3
TOTALS		158		199						**357**	**TOTALS**		210		256						**466**
SPLIT %		44.3%		55.7%						**43.4%**	**SPLIT %**		45.1%		54.9%						**56.6%**

DAILY TOTALS	NB	SB	EB	WB	Total
	368	455	0	0	823

AM Peak Hour	7:45	7:30			**7:45**	**PM Peak Hour**	14:45	14:15			**14:15**
AM Pk Volume	41	66			**107**	**PM Pk Volume**	40	50			**84**
Pk Hr Factor	0.854	0.550			**0.637**	**Pk Hr Factor**	0.714	0.833			**0.875**
7 - 9 Volume	66	88	0	0	**154**	**4 - 6 Volume**	49	55	0	0	**104**
7 - 9 Peak Hour	7:45	7:30			**7:45**	**4 - 6 Peak Hour**	17:00	16:15			**16:15**
7 - 9 Pk Volume	41	66	0	0	**107**	**4 - 6 Pk Volume**	30	36	0	0	**60**
Pk Hr Factor	0.854	0.550	0.000	0.000	**0.637**	**Pk Hr Factor**	0.682	0.750	0.000	0.000	**0.652**

Prepared by National Data & Surveying Services

VOLUME

Lost Oaks Dr W/O Kinghurst Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_002

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	241	294	535

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
0:00			0		0		0		12:00			5		7		12	
0:15			0		0		0		12:15			4		9		13	
0:30			0		2		2		12:30			4		5		9	
0:45			0		0	2	0	2	12:45			7	20	4	25	11	45
1:00			2		0		2		13:00			5		5		10	
1:15			0		0		0		13:15			7		4		11	
1:30			0		0		0		13:30			4		3		7	
1:45			0	2	0		0	2	13:45			4	20	7	19	11	39
2:00			0		0		0		14:00			4		8		12	
2:15			0		0		0		14:15			4		6		10	
2:30			0		0		0		14:30			4		4		8	
2:45			0		0		0		14:45			10	22	3	21	13	43
3:00			0		0		0		15:00			5		9		14	
3:15			0		0		0		15:15			7		14		21	
3:30			0		0		0		15:30			3		10		13	
3:45			0		0		0		15:45			1	16	4	37	5	53
4:00			0		0		0		16:00			2		6		8	
4:15			0		0		0		16:15			1		2		3	
4:30			0		0		0		16:30			1		2		3	
4:45			1	1	0		1	1	16:45			2	6	6	16	8	22
5:00			0		0		0		17:00			1		21		22	
5:15			0		0		0		17:15			1		6		7	
5:30			0		0		0		17:30			1		6		7	
5:45			0		0		0		17:45			4	7	2	35	6	42
6:00			1		0		1		18:00			4		3		7	
6:15			0		1		1		18:15			3		5		8	
6:30			1		1		2		18:30			0		2		2	
6:45			2	4	0	2	2	6	18:45			2	9	2	12	4	21
7:00			0		0		0		19:00			2		7		9	
7:15			2		0		2		19:15			0		0		0	
7:30			5		0		5		19:30			0		2		2	
7:45			8	15	2	2	10	17	19:45			2	4	3	12	5	16
8:00			7		6		13		20:00			2		3		5	
8:15			7		6		13		20:15			0		1		1	
8:30			6		4		10		20:30			1		0		1	
8:45			5	25	7	23	12	48	20:45			0	3	2	6	2	9
9:00			5		5		10		21:00			4		1		5	
9:15			5		6		11		21:15			3		0		3	
9:30			7		4		11		21:30			0		1		1	
9:45			7	24	4	19	11	43	21:45			1	8	2	4	3	12
10:00			7		6		13		22:00			0		1		1	
10:15			7		7		14		22:15			0		1		1	
10:30			9		7		16		22:30			1		1		2	
10:45			6	29	7	27	13	56	22:45			1	2	3	6	4	8
11:00			8		8		16		23:00			0		0		0	
11:15			4		6		10		23:15			3		0		3	
11:30			3		4		7		23:30			1		1		2	
11:45			5	20	7	25	12	45	23:45			0	4	0	1	0	5
TOTALS				120		100		**220**	**TOTALS**				121		194		**315**
SPLIT %				54.5%		45.5%		**41.1%**	**SPLIT %**				38.4%		61.6%		**58.9%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	241	294	535

AM Peak Hour				9:45		10:15		**10:15**	**PM Peak Hour**				14:30		16:45		**14:45**
AM Pk Volume				30		29		**59**	**PM Pk Volume**				26		39		**61**
Pk Hr Factor				0.833		0.906		**0.922**	**Pk Hr Factor**				0.650		0.464		**0.726**
7 - 9 Volume	0	0		40		25		**65**	**4 - 6 Volume**	0	0		13		51		**64**
7 - 9 Peak Hour				7:45		8:00		**8:00**	**4 - 6 Peak Hour**				17:00		16:45		**16:45**
7 - 9 Pk Volume	0	0		28		23		**48**	**4 - 6 Pk Volume**	0	0		7		39		**44**
Pk Hr Factor	0.000	0.000		0.875		0.821		**0.923**	**Pk Hr Factor**	0.000	0.000		0.438		0.464		**0.500**

Prepared by National Data & Surveying Services

VOLUME

Carlton Ave E/O Kingridge Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_003

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,487	1,304	2,791

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
0:00			1		0		1		12:00			22		26		48	
0:15			0		0		0		12:15			23		16		39	
0:30			1		1		2		12:30			40		33		73	
0:45			1	3	0	1	1	4	12:45			27	112	27	102	54	214
1:00			0		0		0		13:00			21		23		44	
1:15			0		0		0		13:15			30		30		60	
1:30			0		1		1		13:30			26		16		42	
1:45			0		1	2	1	2	13:45			29	106	18	87	47	193
2:00			0		1		1		14:00			23		20		43	
2:15			0		0		0		14:15			29		21		50	
2:30			1		0		1		14:30			16		42		58	
2:45			0	1	1	2	1	3	14:45			30	98	20	103	50	201
3:00			0		0		0		15:00			35		19		54	
3:15			0		1		1		15:15			27		23		50	
3:30			0		0		0		15:30			24		41		65	
3:45			0		0	1	0	1	15:45			36	122	45	128	81	250
4:00			1		0		1		16:00			23		32		55	
4:15			0		2		2		16:15			20		36		56	
4:30			2		0		2		16:30			19		29		48	
4:45			2	5	0	2	2	7	16:45			25	87	29	126	54	213
5:00			2		0		2		17:00			24		47		71	
5:15			1		2		3		17:15			20		35		55	
5:30			3		3		6		17:30			21		33		54	
5:45			4	10	2	7	6	17	17:45			13	78	25	140	38	218
6:00			1		2		3		18:00			24		29		53	
6:15			4		3		7		18:15			20		26		46	
6:30			13		4		17		18:30			16		24		40	
6:45			15	33	8	17	23	50	18:45			21	81	17	96	38	177
7:00			21		3		24		19:00			12		15		27	
7:15			25		10		35		19:15			8		6		14	
7:30			25		10		35		19:30			16		15		31	
7:45			38	109	23	46	61	155	19:45			12	48	9	45	21	93
8:00			39		33		72		20:00			10		7		17	
8:15			46		30		76		20:15			12		9		21	
8:30			32		14		46		20:30			8		8		16	
8:45			27	144	18	95	45	239	20:45			12	42	8	32	20	74
9:00			35		19		54		21:00			10		10		20	
9:15			33		16		49		21:15			9		12		21	
9:30			26		12		38		21:30			7		4		11	
9:45			27	121	22	69	49	190	21:45			5	31	4	30	9	61
10:00			25		20		45		22:00			7		3		10	
10:15			32		20		52		22:15			7		5		12	
10:30			27		16		43		22:30			5		4		9	
10:45			27	111	23	79	50	190	22:45			2	21	6	18	8	39
11:00			25		11		36		23:00			6		5		11	
11:15			25		23		48		23:15			3		5		8	
11:30			28		17		45		23:30			3		1		4	
11:45			33	111	12	63	45	174	23:45			1	13	2	13	3	26
TOTALS				648		384		**1032**	**TOTALS**				839		920		**1759**
SPLIT %				62.8%		37.2%		**37.0%**	**SPLIT %**				47.7%		52.3%		**63.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,487	1,304	2,791

AM Peak Hour			7:45	7:45	**7:45**	**PM Peak Hour**			15:00	15:30	**15:30**
AM Pk Volume			155	100	**255**	**PM Pk Volume**			122	154	**257**
Pk Hr Factor			0.842	0.758	**0.839**	**Pk Hr Factor**			0.847	0.856	**0.793**
7 - 9 Volume	0	0	253	141	**394**	**4 - 6 Volume**	0	0	165	266	**431**
7 - 9 Peak Hour			7:45	7:45	**7:45**	**4 - 6 Peak Hour**			16:45	16:45	**16:45**
7 - 9 Pk Volume	0	0	155	100	**255**	**4 - 6 Pk Volume**	0	0	90	144	**234**
Pk Hr Factor	0.000	0.000	0.842	0.758	**0.839**	**Pk Hr Factor**	0.000	0.000	0.900	0.766	**0.824**

Prepared by National Data & Surveying Services

SPEED

Carlton Ave E/O Kingridge Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_003e

East Bound

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	1	0	0	1	1	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	0	3	1	0	0	0	0	0	0	0	0	5
05:00	2	0	0	5	3	0	0	0	0	0	0	0	0	10
06:00	6	0	4	9	9	5	0	0	0	0	0	0	0	33
07:00	17	4	18	39	25	5	1	0	0	0	0	0	0	109
08:00	22	13	43	47	17	2	0	0	0	0	0	0	0	144
09:00	18	6	29	45	23	0	0	0	0	0	0	0	0	121
10:00	25	3	20	47	16	0	0	0	0	0	0	0	0	111
11:00	20	3	17	48	20	3	0	0	0	0	0	0	0	111
12:00 PM	30	8	29	40	4	1	0	0	0	0	0	0	0	112
13:00	23	6	26	38	11	2	0	0	0	0	0	0	0	106
14:00	26	12	34	20	5	1	0	0	0	0	0	0	0	98
15:00	23	8	20	54	16	0	1	0	0	0	0	0	0	122
16:00	11	3	11	43	16	3	0	0	0	0	0	0	0	87
17:00	16	3	10	33	14	2	0	0	0	0	0	0	0	78
18:00	9	2	14	38	15	3	0	0	0	0	0	0	0	81
19:00	12	4	6	11	15	0	0	0	0	0	0	0	0	48
20:00	5	2	8	16	10	1	0	0	0	0	0	0	0	42
21:00	4	1	7	12	7	0	0	0	0	0	0	0	0	31
22:00	3	2	5	8	3	0	0	0	0	0	0	0	0	21
23:00	5	0	0	6	2	0	0	0	0	0	0	0	0	13
Totals	279	80	301	563	234	28	2							1487
% of Totals	19%	5%	20%	38%	16%	2%	0%							100%

AM Volumes	112	29	131	244	116	15	1	0	0	0	0	0	0	648
% AM	8%	2%	9%	16%	8%	1%	0%							44%
AM Peak Hour	10:00	08:00	08:00	11:00	07:00	06:00	07:00							08:00
Volume	25	13	43	48	25	5	1							144
PM Volumes	167	51	170	319	118	13	1	0	0	0	0	0	0	839
% PM	11%	3%	11%	21%	8%	1%	0%							56%
PM Peak Hour	12:00	14:00	14:00	15:00	15:00	16:00	15:00							15:00
Volume	30	12	34	54	16	3	1							122

Directional Peak Periods All Speeds	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	253 ⟷	17%	218 ⟷	15%	165 ⟷	11%	851 ⟷	57%

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Carlton Ave	East Bound	13	26	24	31	34	1487
Carlton Ave	West Bound	17	26	24	30	34	1304

Prepared by National Data & Surveying Services

CLASSIFICATION

Carlton Ave E/O Kingridge Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_003e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	1	0	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
05:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
06:00	0	28	2	1	1	1	0	0	0	0	0	0	0	33
07:00	0	86	14	1	6	2	0	0	0	0	0	0	0	109
08:00	2	122	17	0	2	1	0	0	0	0	0	0	0	144
09:00	0	102	16	0	3	0	0	0	0	0	0	0	0	121
10:00	2	99	9	0	1	0	0	0	0	0	0	0	0	111
11:00	1	96	9	0	2	2	1	0	0	0	0	0	0	111
12:00 PM	1	97	9	1	3	1	0	0	0	0	0	0	0	112
13:00	1	88	12	0	1	2	1	0	1	0	0	0	0	106
14:00	0	87	8	0	0	2	0	1	0	0	0	0	0	98
15:00	0	108	11	0	1	2	0	0	0	0	0	0	0	122
16:00	0	74	9	0	4	0	0	0	0	0	0	0	0	87
17:00	0	67	10	0	1	0	0	0	0	0	0	0	0	78
18:00	0	68	8	0	3	1	0	1	0	0	0	0	0	81
19:00	0	41	5	0	0	1	1	0	0	0	0	0	0	48
20:00	0	36	4	1	0	1	0	0	0	0	0	0	0	42
21:00	0	28	2	0	0	0	0	1	0	0	0	0	0	31
22:00	0	20	1	0	0	0	0	0	0	0	0	0	0	21
23:00	0	13	0	0	0	0	0	0	0	0	0	0	0	13
Totals	7	1275	150	4	28	16	3	3	1					1487
% of Totals	0%	86%	10%	0%	2%	1%	0%	0%	0%					100%

AM Volumes	5	548	71	2	15	6	1	0	0	0	0	0	0	648
% AM	0%	37%	5%	0%	1%	0%	0%							44%
AM Peak Hour	08:00	08:00	08:00	06:00	07:00	07:00	11:00							08:00
Volume	2	122	17	1	6	2	1							144
PM Volumes	2	727	79	2	13	10	2	3	1	0	0	0	0	839
% PM	0%	49%	5%	0%	1%	1%	0%	0%	0%					56%
PM Peak Hour	12:00	15:00	13:00	12:00	16:00	13:00	13:00	14:00	13:00					15:00
Volume	1	108	12	1	4	2	1	1	1					122

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	253		17%	218		15%	165		11%	851		57%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

SPEED

Kinghurst Dr S/O Lost Oaks Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_001s

South Bound

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	1	0	1	0	0	0	0	0	0	0	0	0	2
06:00	0	1	4	1	1	0	0	0	0	0	0	0	0	7
07:00	1	7	17	9	0	0	0	0	0	0	0	0	0	34
08:00	0	13	23	16	2	0	0	0	0	0	0	0	0	54
09:00	1	6	15	9	0	0	0	0	0	0	0	0	0	31
10:00	2	4	16	11	1	0	0	0	0	0	0	0	0	34
11:00	1	1	16	8	3	0	0	0	0	0	0	0	0	29
12:00 PM	1	9	11	14	3	0	0	0	0	0	0	0	0	38
13:00	2	7	12	14	1	0	0	0	0	0	0	0	0	36
14:00	1	4	19	13	3	1	0	0	0	0	0	0	0	41
15:00	1	9	15	3	0	0	0	0	0	0	0	0	0	28
16:00	0	7	12	10	3	0	0	0	0	0	0	0	0	32
17:00	2	4	10	6	1	0	0	0	0	0	0	0	0	23
18:00	1	3	5	10	0	0	0	0	0	0	0	0	0	19
19:00	1	2	6	2	1	0	0	0	0	0	0	0	0	12
20:00	0	3	9	0	1	0	0	0	0	0	0	0	0	13
21:00	0	1	4	2	1	1	0	0	0	0	0	0	0	9
22:00	0	0	2	1	0	0	0	0	0	0	0	0	0	3
23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Totals	15	87	200	130	21	2								455
% of Totals	3%	19%	44%	29%	5%	0%								100%

AM Volumes	6	38	93	55	7	0	0	0	0	0	0	0	0	199
% AM	1%	8%	20%	12%	2%									44%
AM Peak Hour	10:00	08:00	08:00	08:00	11:00									08:00
Volume	2	13	23	16	3									54
PM Volumes	9	49	107	75	14	2	0	0	0	0	0	0	0	256
% PM	2%	11%	24%	16%	3%	0%								56%
PM Peak Hour	13:00	12:00	14:00	12:00	12:00	14:00								14:00
Volume	2	9	19	14	3	1								41

Directional Peak Periods All Speeds	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	88		19%	74		16%	55		12%	238		52%

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Kinghurst Dr	North Bound	17	23	23	28	30	368
Kinghurst Dr	South Bound	18	23	23	28	30	455

Prepared by National Data & Surveying Services

CLASSIFICATION

Kinghurst Dr S/O Lost Oaks Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
07:00	0	29	5	0	0	0	0	0	0	0	0	0	0	34
08:00	0	46	6	0	2	0	0	0	0	0	0	0	0	54
09:00	0	22	6	1	1	1	0	0	0	0	0	0	0	31
10:00	0	30	4	0	0	0	0	0	0	0	0	0	0	34
11:00	0	25	4	0	0	0	0	0	0	0	0	0	0	29
12:00 PM	0	32	3	0	2	0	1	0	0	0	0	0	0	38
13:00	0	31	5	0	0	0	0	0	0	0	0	0	0	36
14:00	0	38	3	0	0	0	0	0	0	0	0	0	0	41
15:00	0	25	2	0	1	0	0	0	0	0	0	0	0	28
16:00	0	28	4	0	0	0	0	0	0	0	0	0	0	32
17:00	0	22	1	0	0	0	0	0	0	0	0	0	0	23
18:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19
19:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12
20:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
21:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9
22:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
23:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Totals	1	396	49	1	6	1	1							455
% of Totals	0%	87%	11%	0%	1%	0%	0%							100%

AM Volumes	0	168	26	1	3	1	0	0	0	0	0	0	0	199
% AM		37%	6%	0%	1%	0%								44%
AM Peak Hour		08:00	08:00	09:00	08:00	09:00								08:00
Volume		46	6	1	2	1								54
PM Volumes	1	228	23	0	3	0	1	0	0	0	0	0	0	256
% PM	0%	50%	5%		1%		0%							56%
PM Peak Hour	23:00	14:00	13:00		12:00		12:00							14:00
Volume	1	38	5		2		1							41

Directional Peak Periods All Classes	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	88		19%	74		16%	55		12%	238		52%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

SPEED

Lost Oaks Dr W/O Kinghurst Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_002e

East Bound

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	1	2	0	0	0	0	0	0	0	0	0	0	4
07:00	0	1	4	6	3	1	0	0	0	0	0	0	0	15
08:00	3	3	10	8	1	0	0	0	0	0	0	0	0	25
09:00	2	4	7	8	2	1	0	0	0	0	0	0	0	24
10:00	5	4	12	5	3	0	0	0	0	0	0	0	0	29
11:00	2	2	8	6	2	0	0	0	0	0	0	0	0	20
12:00 PM	0	1	7	8	4	0	0	0	0	0	0	0	0	20
13:00	0	1	5	11	3	0	0	0	0	0	0	0	0	20
14:00	0	1	9	9	3	0	0	0	0	0	0	0	0	22
15:00	0	3	6	6	1	0	0	0	0	0	0	0	0	16
16:00	0	1	1	2	2	0	0	0	0	0	0	0	0	6
17:00	1	1	2	1	2	0	0	0	0	0	0	0	0	7
18:00	2	0	4	3	0	0	0	0	0	0	0	0	0	9
19:00	0	0	2	2	0	0	0	0	0	0	0	0	0	4
20:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
21:00	2	1	2	1	2	0	0	0	0	0	0	0	0	8
22:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2
23:00	0	0	2	2	0	0	0	0	0	0	0	0	0	4
Totals	**18**	**25**	**87**	**80**	**29**	**2**								**241**
% of Totals	7%	10%	36%	33%	12%	1%								100%

AM Volumes	13	15	45	34	11	2	0	0	0	0	0	0	0	120
% AM	5%	6%	19%	14%	5%	1%								50%
AM Peak Hour	10:00	09:00	10:00	08:00	07:00	07:00								10:00
Volume	5	4	12	8	3	1								29
PM Volumes	5	10	42	46	18	0	0	0	0	0	0	0	0	121
% PM	2%	4%	17%	19%	7%									50%
PM Peak Hour	18:00	15:00	14:00	13:00	12:00									14:00
Volume	2	3	9	11	4									22

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Speeds	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	40		17%	40		17%	13		5%	148		61%

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Lost Oaks Dr	East Bound	19	24	24	30	33	241
Lost Oaks Dr	West Bound	18	24	23	29	32	294

Prepared by National Data & Surveying Services

CLASSIFICATION

Lost Oaks Dr W/O Kinghurst Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_002e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
07:00	0	14	1	0	0	0	0	0	0	0	0	0	0	15
08:00	0	19	5	0	1	0	0	0	0	0	0	0	0	25
09:00	0	21	3	0	0	0	0	0	0	0	0	0	0	24
10:00	0	24	5	0	0	0	0	0	0	0	0	0	0	29
11:00	0	18	2	0	0	0	0	0	0	0	0	0	0	20
12:00 PM	0	18	2	0	0	0	0	0	0	0	0	0	0	20
13:00	1	16	3	0	0	0	0	0	0	0	0	0	0	20
14:00	0	18	3	0	1	0	0	0	0	0	0	0	0	22
15:00	0	14	2	0	0	0	0	0	0	0	0	0	0	16
16:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
17:00	0	7	0	0	0	0	0	0	0	0	0	0	0	7
18:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
19:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
21:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	1	203	35		2									241
% of Totals	0%	84%	15%		1%									100%

AM Volumes	0	101	18	0	1	0	0	0	0	0	0	0	0	120
% AM		42%	7%		0%									50%
AM Peak Hour		10:00	08:00		08:00									10:00
Volume		24	5		1									29
PM Volumes	1	102	17	0	1	0	0	0	0	0	0	0	0	121
% PM	0%	42%	7%		0%									50%
PM Peak Hour	13:00	12:00	13:00		14:00									14:00
Volume	1	18	3		1									22

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	40		17%	40		17%	13		5%	148		61%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

SPEED

Samaritan Pl N/O Samaritan Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_004n

North Bound

Time	< 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 +	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
07:00	7	4	4	1	1	0	0	0	0	0	0	0	0	17
08:00	6	3	3	1	0	0	0	0	0	0	0	0	0	13
09:00	1	5	1	0	1	0	0	0	0	0	0	0	0	8
10:00	5	5	0	1	0	0	0	0	0	0	0	0	0	11
11:00	15	3	2	1	0	0	0	0	0	0	0	0	0	21
12:00 PM	16	6	3	1	1	0	0	0	0	0	0	0	0	27
13:00	5	4	1	0	0	0	0	0	0	0	0	0	0	10
14:00	11	4	3	0	0	0	0	0	0	0	0	0	0	18
15:00	8	2	5	0	0	0	0	0	0	0	0	0	0	15
16:00	6	3	3	1	0	0	0	0	0	0	0	0	0	13
17:00	5	2	5	1	0	0	0	0	0	0	0	0	0	13
18:00	2	5	1	0	0	0	0	0	0	0	0	0	0	8
19:00	5	0	7	1	0	0	0	0	0	0	0	0	0	13
20:00	3	3	2	3	0	0	0	0	0	0	0	0	0	11
21:00	6	1	2	0	1	0	0	0	0	0	0	0	0	10
22:00	4	3	0	1	0	0	0	0	0	0	0	0	0	8
23:00	1	1	2	0	0	0	0	0	0	0	0	0	0	4
Totals	**107**	**57**	**44**	**13**	**4**									**225**
% of Totals	48%	25%	20%	6%	2%									100%

AM Volumes	35	23	10	5	2	0	0	0	0	0	0	0	0	75
% AM	16%	10%	4%	2%	1%									33%
AM Peak Hour	11:00	09:00	07:00	02:00	07:00									11:00
Volume	15	5	4	1	1									21
PM Volumes	72	34	34	8	2	0	0	0	0	0	0	0	0	150
% PM	32%	15%	15%	4%	1%									67%
PM Peak Hour	12:00	12:00	19:00	20:00	12:00									12:00
Volume	16	6	7	3	1									27

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Speeds	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	30		13%	37		16%	26		12%	132		59%

Street Name	Direction	Percentiles					
		15th	50th	Average	85th	95th	ADT
Samaritan Pl	North Bound	8	15	16	23	27	225
Samaritan Pl	South Bound	8	16	16	23	26	232

Prepared by National Data & Surveying Services

CLASSIFICATION

Samaritan Pl N/O Samaritan Dr

Day: Thursday
Date: 5/19/2022

City: San Jose
Project #: CA22_080175_004n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
07:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
08:00	0	13	0	0	0	0	0	0	0	0	0	0	0	13
09:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
10:00	0	10	0	0	1	0	0	0	0	0	0	0	0	11
11:00	0	17	3	0	1	0	0	0	0	0	0	0	0	21
12:00 PM	0	21	1	0	5	0	0	0	0	0	0	0	0	27
13:00	0	10	0	0	0	0	0	0	0	0	0	0	0	10
14:00	0	15	1	0	2	0	0	0	0	0	0	0	0	18
15:00	0	13	1	0	1	0	0	0	0	0	0	0	0	15
16:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
17:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
18:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
19:00	0	11	1	0	1	0	0	0	0	0	0	0	0	13
20:00	0	11	0	0	0	0	0	0	0	0	0	0	0	11
21:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
22:00	0	6	1	0	1	0	0	0	0	0	0	0	0	8
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals		196	17		12									225
% of Totals		87%	8%		5%									100%

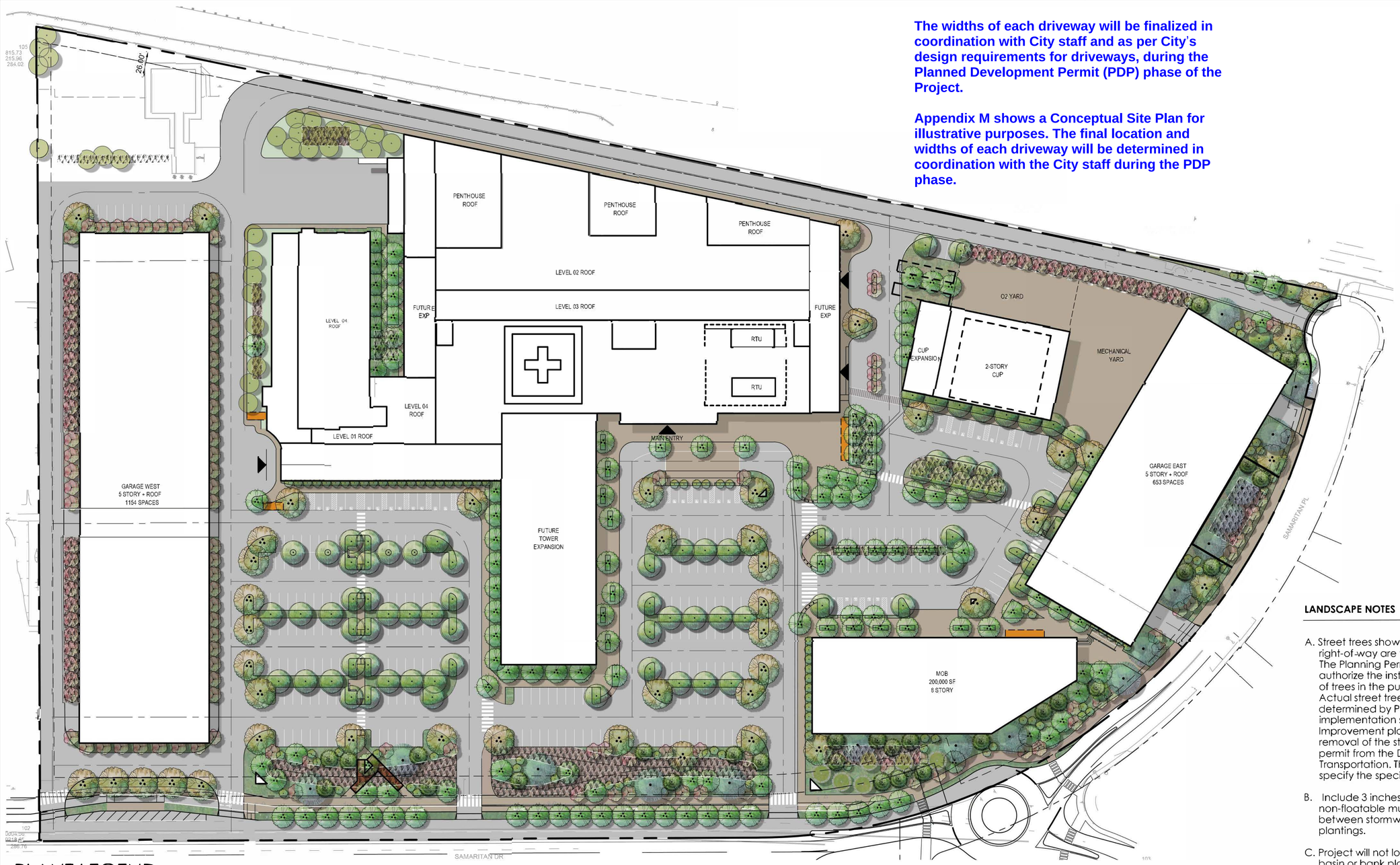
AM Volumes	0	66	7	0	2	0	0	0	0	0	0	0	0	75
% AM		29%	3%		1%									33%
AM Peak Hour		11:00	11:00		10:00									11:00
Volume		17	3		1									21
PM Volumes	0	130	10	0	10	0	0	0	0	0	0	0	0	150
% PM		58%	4%		4%									67%
PM Peak Hour		12:00	16:00		12:00									12:00
Volume		21	2		5									27

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	30		13%	37		16%	26		12%	132		59%

Classification Definitions

1 Motorcycles
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13 >=7-Axle Multi-Trailers

Appendix M – Conceptual Landscape Site Plan



The widths of each driveway will be finalized in coordination with City staff and as per City's design requirements for driveways, during the Planned Development Permit (PDP) phase of the Project.

Appendix M shows a Conceptual Site Plan for illustrative purposes. The final location and widths of each driveway will be determined in coordination with the City staff during the PDP phase.

LANDSCAPE NOTES

A. Street trees shown in the public right-of-way are for information only. The Planning Permit does not authorize the installation or removal of trees in the public right-of-way. Actual street tree location will be determined by Public Works at the implementation stage on the Public Improvement plan. The installation or removal of the street trees require a permit from the Department of Transportation. The City Arborist will specify the species.

B. Include 3 inches of composted, non-floatable mulch in areas between stormwater treatment plantings.

C. Project will not locate trees within the basin or bank planting zones of Bioretention Areas, but rather on the upland planting zones per Appendix D of the SCVURPPP C.3 Stormwater Handbook. Trees will also not be located directly in line with or next to stormwater inlets (curb openings, bubble box emitters, etc.) and will offset or relocate trees where necessary outside of the Bioretention Area basin and bank planting zones to maximize runoff dispersal throughout Bioretention Areas.

Short term Bike parking, TYP.

PLANT LEGEND

TREES	BOTANICAL / COMMON NAME	SIZE	QTY
	PARKING LOT TREE SUCH AS:	**24" BOX MIN.**	**81**
	Agonis flexuosa / Australian Willow		
	✳Geijera parviflola / Australian Willow		
	✳Koelreuteria bipinatta / Chinese Flame Tree		
	Quercus Ilex / Holly Oak		
	MEDIUM SHADE / PINE TREE SUCH AS:	**24" BOX MIN.**	**28**
	Cupaniopsis anacardioides / Carrotwood		
	Pinus coulteri / Coulter Pine		
	Pistacia chinensis / Chinese Pistache		
	Quercus shumardii / Shumard Oak		
	NARROW SHADE / PINE TREE SUCH AS:	**24" BOX MIN.**	**98**
	✳Ginkgo biloba / Ginkgo		
	Quercus suber / Cork Oak		
	Sequoia sempervirens / Coast Redwood		
	✳Tristania conferta / Brisbane Box		
	LARGE SHADE / PINE TREE SUCH AS:	**24" BOX MIN.**	**17**
	Pseudotsuga menziesii / Douglas Fir		
	Cedrus deodara / Deodar Cedar		
	Pinus sabiniana / Ghost Pine		
	Quercus rubra / Red Oak		
	LARGE FOCAL TREE SUCH AS:	**24" BOX MIN.**	**44**
	✳Platanus racemosa / California Sycamore		
	✳Quercus agrifolia / Coast Live Oak		
	Quercus lobata / Valley Oak		
	Ulmus parviflora / Chinese Elm		

TREES	BOTANICAL / COMMON NAME	SIZE	QTY
	SMALL ACCENT TREE SUCH AS:	**24" BOX MIN.**	**132**
	Arctostaphylos glauca / Big Berry Manzanita		
	✳Cercis occidentalis / Western Redbud		
	✳Lagerstromia indica hybrids / Crepe Myrtle		
	✳Prunus ilicifolia lyonii / Catalina Cherry		
	MEDIUM ACCENT TREE SUCH AS:	**24" BOX MIN.**	**130**
	✳Arbutus x 'Marina' / Marina Strawberry Tree		
	Olea europa 'Swan Hill' / Fruitless Olive		
	Rhus lancea / African Sumac		
	Zelkova serrata / Sawleaf Zelkova		
	EXISTING PINE TREE (SPECIES VARY)	EXTG.	7
	EXISTING CANOPY TREE (SPECIES VARY)	EXTG.	12
	EXISTING LANDSCAPE AREA TO REMAIN	EXTG.	14,732 SF

SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY
	NEW LANDSCAPE AREAS		**121,393 SF**
	LARGE SHRUBS SUCH AS:	**5 GAL. MIN.**	**TBD**
	✳Arctostaphylos species		
	Leptospermum sco. 'Ruby Glow' / New Zealand Tea Tree		
	Leucophyllum frutescens / Texas Ranger		
	Myrica californica / Pacific Wax Myrtle		
	Philodendron selloum / Split Leaf Philodendron		
	Phormium tenax / New Zealand Flax		
	Pittosporum tobira / Mock Orange		
	Viburnum burkwoodii / Burkwood Viburnum		
	Xylosma congestum / Shiny Xylosma		
	MEDIUM SHRUBS SUCH AS:	**5 GAL. MIN.**	**TBD**
	✳Arctostaphylos species		
	Agave species		
	Aloe species		
	Azalea species		
	✳Cistus species		
	Escallonia 'Fradesii' / Pink Escallonia		
	Ligustrum japonicum / Texas Privet		
	✳Rhamnus californica / Coffeeberry		
	Salvia species		
	Westringia species		
	Woodwardia fimbriata / Giant Chain Fern		

SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY
	SMALL SHRUBS/GRASSES SUCH AS:	**1 GAL. MIN.**	**TBD**
	Acacia redolens 'Low Boy' / Prostrate Acacia		
	✳Arctostaphylos 'Pacific Mist' / Manzanita		
	Asparagus densiflorus / Foxtail Fern		
	Carissa macrocarpa 'Green Carpet' / Green Carpet Natal Plum		
	✳Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition		
	Dianella revoluta 'Baby Bliss' / Flax Lily		
	✳Dietes bicolor / Fortnight Lily		
	Elymus condensatus 'Canyon Prince' / Canyon Prince Wild Rye		
	Heuchera species		
	Koeleria macrantha / Prairie Junegrass		
	Lavandula stoechas / Spanish Lavender		
	Leymus triticoides 'Grey Dawn' / Grey Creeping Wild Rye		
	Lomandra longifolia 'Breeze' / Dwarf Mat Rush		
	✳Muhlenbergia rigens / Deer Grass		
	Myrtus communis 'Compacta' / Dwarf Myrtle		
	Nephrolepis cordifolia / Southern Sword Fern		
	Polystichum munitum / Western Sword Fern		
	Salvia species		
	Westringia fruticosa 'Morning Light' / Coast Rosemary		
	WATER QUALITY BASIN / DRY CREEK AREA SUCH AS:	**1 GAL. MIN.**	**11,931 SF**
	✳Chondropetalum tectorum / Cape Rush		
	✳Juncus species		
	** SHALL INCLUDE DECORATIVE ROCK, COBBLE, AND BOULDERS THROUGHOUT **		

✳ DENOTES PLANTS THAT WILL BE USED IN BIORETENTION, FLOW-THROUGHPLANTER AREAS, AND HYDROMODIFICATION BASINS

CITY STAMP

HCA Healthcare

GOOD SAMARITAN HOSPITAL, MAIN CAMPUS, SAN JOSE, CA, MASTER PLAN SITE DEVELOPMENT
Date of Issue: 09/28/2023

PROJECT RECORD #
PDC 22-132

Perkins&Will
617 WEST STREET, SUITE 1200
LOS ANGELES, CALIFORNIA 90017

ARCHITECTURE

Kimley»Horn
1100 W TOWN AND COUNTRY ROAD, SUITE 700
ORANGE, CALIFORNIA 92868

CIVIL

NOTE: DO NOT SCALE OR SCAN DRAWINGS. REFER TO SPACE PROGRAM FOR SQUARE FOOTAGES.

CONCEPTUAL LANDSCAPE PLAN

SHEET NO.
2.9

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